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PR1500 PORTABLE UHF Models

Features

| All UHF PR1500 Portable Models Include: | | |
|---|---|--|
| • Battery (IMPRES NiMH, 1850 mAh, 7.5V - NTN9858) | Charger (IMPRES Rapid Single Unit - WPLN4111_R) | |
| Antenna (UHF NAE6549AR Whip 380-520 MHz | • 2.25" Belt Clip (HLN6853) | |
| Remote Speaker Microphone Adapter (4385665D01) | Accessory Connector Dust Cover (1505579Z01) | |
| • User Guide CD (9964416H07) | Two Year Warranty | |
| Featu | ires: | |
| 32 Channels | 12.5 kHz Switchable Channel Spacing (VHF/UHF) | |
| 3 Programmable Side Buttons | 1 Programmable Top Button | |
| 16 Position Rotary Mode Select Switch | Top Mount Concentric 3 Position Programmable Switch | |
| Dual Priority Scan | Operator Selectable Scan | |
| Noise Reduction Software | Bi-Color LED Indicator | |
| Weather Sealed Universal Accessory Connector | Audio Gain Control | |
| Standard & Non Standard PL/DPL Code Capable | MDC-1200 PTT-ID (Encode) | |
| MDC-1200 Radio Check (Decode) | MDC1200 Emergency (Encode) | |
| MDC1200 Silent Emergency (Encode) | MDC1200 Call Alert (Decode) | |
| MDC1200 Selective Call (Decode) | MDC1200 Select Radio Inhibit (Decode) | |
| Quik-Call II (Decode) | | |
| Programmab | le Buttons: | |
| Emergency | Monitor | |

- Repeater Talkaround
- Dynamic Priority
- Nuisance Channel Delete

Ordering Requirements

- 1. All PR1500 UHF radios ship from the factory un-programmed unless programming option is ordered.
- 2. Radio is not made in America.
- 3. Not for Export. For Domestic use ONLY.
- 4. The following frequencies are not allowed:
 - 386.400,396.000,401.000,403.200,414.000,420.000,426.000,432.000,436.800,438.000,440.000,444.000,450.000,453.600,456.000,468.000,462.000.

Scan

• Volume Set

FCC Information

| Band/Model | Power Output | Transmitter Type Acceptance | Emissions | Applicable Rules |
|-------------|-----------------|-----------------------------|------------------|------------------|
| 380-470 MHz | 1-5W (Ships 5W) | AZ489FT4865 | 16K0F3E, 11K0F3E | 90 |
| 450-520 MHz | 1-5W (Ships 5W) | AZ489FT4866 | 16K0F3E, 11K0F3E | 90 |

| Models | | | |
|--|--|--------------------------|--|
| Description PR1500 380-470 MHZ, 1W - 5W, 32 CH PR1500 450-520 MHZ, 1W - 5W, 32 CH | Nomenclature AAH79QDC9PW5 AAH79SDC9PW5 | N 626 | Price \$1,250.00 \$1,250.00 |
| Options | | | |
| Antenna | | | |
| Description DEL: STANDARD UHF WHIP ANT | Nomenclature H112JH | APC 626 | Price (\$3.50 |
| Battery | | | |
| Description IMPRES NIMH, 1700 MAH, 7.5V, INTRINS SAFE (NTN9857) IMPRES Battery | Nomenclature Q393BG | APC 626 | Price \$28.00 |
| Belt Clip(s) | | | |
| Description DEL: STANDARD BELT CLIP | Nomenclature H301CE | APC 626 | Price (\$5.00 |
| Charger | | | |
| Description DEL: STANDARD CHARGER UNIVERSAL TRI-CHEMISTRY, SINGLE UNIT CHARGER (NTN1667) | Nomenclature H951FD QA00294AA | APC 626 626 | Price (\$35.00 (\$20.00 |
| Service Options | | | |
| Description ENH: 2 YR SFS LITE Provides hardware repair coverage for 2 years beyond the standard 2-year warranty for a total of 4 years of coverage. Repairs will be made at the Motorola Service Depot. Customer is responsible for inbound repair charges. No discounts are allowed on this option. | Nomenclature H885CJ | APC 185 | Price \$84.00 |
| ENH: 1 YR SFS LITE Provides 1 year of extended hardware repair coverage beginning after the standard warranty period, Giving 3 years of warranty. Repairs will be made at the Radio Support Center. The customer pays for inbound shipping. No discounts are allowed on this option. | Q884BP | 185 | \$44.0 |
| Packaging | | | |
| Description BULK PACKAGING (MINIMUM 10 UNITS PER LINE ITEM) | Nomenclature H415ER | APC 626 | Price \$0.00 |
| Accessories | | | |

| Adapter | | | |
|--|--------------|-----|---------|
| Description | Nomenclature | APC | Price |
| 3.5 MM JACK ADAPTER WITH QUICK DISCONNECT LATCH | BDN6676 | 742 | \$52.50 |
| For use with 1, 2 & 3 wire earpiece. | | | |
| KEYLOAD ADAPTER | NTN8613 | 476 | \$89.25 |
| The Surveillance/KEYLOAD ADAPTER NTN8613 allows XTS2500, XTS3000, XTS3500 and XTS5000 radios to be used with a ZMN6031, ZMN6032, ZMN6038 or ZMN6039 surveillance microphone and earpiece | | | |

| Antenna | | | |
|--|--|---------------------------------|--|
| Description UHF HELICAL ANTENNA, 403-435 MHZ UHF HELICAL ANTENNA, 470-520 MHZ | Nomenclature NAE6546 R NAE6548 R | APC 796 796 | Price \$16.00 \$16.50 |
| Battery | | | |
| Description IMPRES NIMH, 2000 MAH, 7.5V BATTERY-INTRINS SAFE (FM) - RUGGEDIZED IMPRES NIMH, 2000 MAH, 7.5V BATTERY - INTRINS SAFE (FM) IMPRESS NIMH, 2100 MAH, 7.5V BATTERY | Nomenclature NNTN6263 NTN9857C NTN9858C | APC 453 453 453 | Price \$137.00 \$132.00 \$112.00 |
| Belt Clip(s) | | | |
| Description 2" SPRING BELT CLIP For MTH800 - to be used in conjunction with bracket U/slot FTN6302 | Nomenclature HLN9844 | APC 577 | Price \$11.50 |
| Belt Loops | | | |
| Description CARRY CASE SHOULDER STRAP Adjustable Nylon Carrying Strap | Nomenclature NTN5243A | APC 271 | Price \$23.00 |
| Cable(s) | | | |
| Description CABLE- PROGRAMMING USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. | Nomenclature RKN4105 | APC 261 | Price \$237.00 |
| * PR1500 - uses RVN4181 CPS - No RIB Box required. CABLE- PROGRAMMING, RS232 This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. | RKN4106 | 261 | \$251.00 |
| Call Boxes | | | |
| Call BOXES Description A1- SOLAR CALL BOX Field programmable. Mounts on a wall, or on a PVC or aluminum stanchion. Solar or AC/DC power. The .090 thick aluminum enclosure with | Nomenclature RRDN4362A | APC 505 | Price \$2,565.00 |
| white powder coat measures 13"H x 9.5"W x 6.5"D. Provides protection against dust and falling rain. For indoor and outdoor use. Includes antenna and set of small reflective decals. A1-AC/DC CALL BOX | RRDN4363A | 505 | \$2,465.00 |
| Field programmable. Mounts on a wall, or on a PVC or aluminum stanchion. Solar or AC/DC power. The .090 thick aluminum enclosure with white powder coat measures 13"H x 9.5"W x 6.5"D. Provides protection against dust and falling rain. For indoor and outdoor use. Includes antenna and set of small reflective decals. | | | |
| A1-SOLAR W/ ALUMINUM STANCHION CALL BOX Field programmable. Mounts on a wall, or on a PVC or aluminum stanchion. Solar or AC/DC power. The .090 thick aluminum enclosure with white powder coat measures 13"H x 9.5"W x 6.5"D. Provides protection against dust and falling rain. For indoor and outdoor use. Includes antenna and set of small reflective decals. | RRDN4365A | 505 | \$3,395.00 |
| ACB-SOLAR CALL BOX Push-to-talk communication. No door to open. The indoor/outdoor wall mount aluminum enclosure is .090 thick with white powder coat. It measures 20"H x 14"W x 7.5"D with a thick, clear Lexan face-plate cover. Includes activation ringer, antenna and set of small reflective decals. | RRDN4367A | 505 | \$2,775.00 |
| ACB-AC/DC CALL BOX Push-to-talk communication. No door to open. The indoor/outdoor wall mount aluminum enclosure is .090 thick with white powder coat. It measures 20"H x 14"W x 7.5"D with a thick, clear Lexan face-plate cover. Includes activation ringer, antenna and set of small reflective decals. | RRDN4368A | 505 | \$2,675.00 |
| A1410-SOLAR CALL BOX Self-standing. The .090 thick aluminum stanchion with white powder coat measures 10'H x 14"W x 7.5"D. Thick, clear Lexan faceplate cover and includes an activation ringer, antenna and set of large reflective decals. 10 watt solar panel provides additional charging power to allow the beacon/locator light to function 24 hours a day. | RRDN4369A | 505 | \$3,400.00 |
| A1410-AC/DC CALL BOX Self-standing. The .090 thick aluminum stanchion with white powder coat measures 10'H x 14"W x 7.5"D. Thick, clear Lexan faceplate cover and includes an activation ringer, antenna and set of large reflective decals. 10 watt solar panel provides additional charging power to allow the beacon/locator light to function 24 hours a day. | RRDN4370A | 505 | \$3,300.00 |
| A106.5-SOLAR CALL BOX Freestanding. Solar or AC/DC power. The .090 thick, white powder-coated aluminum box measures 6.5H x 10W x 5D. Includes antenna and choice of reflective vinyl message decal. | RRDN4588 | 505 | \$2,795.00 |
| A106.5-AC/DC CALL BOX Freestanding. Solar or AC/DC power. The .090 thick, white powder-coated aluminum box measures 6.5H x 10W x 5D. Includes antenna and choice of reflective vinyl message decal. | RRDN4589 | 505 | \$2,695.00 |
| A144-SOLAR CALL BOX Flexibility. Can be wall or pole mounted for convenient accessibility. The .090 thick, white, powder-coated aluminum enclosure measures 4H x 14W x 7.5D. Includes a 6-watt locator LED that converts to a strobe light when callbox is activated. Comes standard with a 10-watt solar panel and choice of large reflective vinyl message decal. | RRDN4590 | 505 | \$3,275.00 |
| A144-AC/DC CALL BOX Flexibility. Can be wall or pole mounted for convenient accessibility. The .090 thick, white, powder-coated aluminum enclosure measures 4H x 14W x 7.5D. Includes a 6-watt locator LED that converts to a strobe light when callbox is activated. Comes standard with a 10-watt solar panel and choice of large reflective vinyl message decal. | RRDN4591 | 505 | \$3,175.00 |

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Carrying Case(s)

| Description | Nomenclature | APC | Price |
|---|--------------|-----|---------|
| LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP | NNTN4115 | 271 | \$60.00 |
| Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. | | | |
| LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP | NNTN4116 | 271 | \$60.00 |
| Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. | | | |
| LEATHER CASE W/SNAP BELT LOOP & T-STRAP | NNTN4117 | 271 | \$60.00 |
| Includes snap belt loop and t-strap. For NiCad or NiMH. | | | |

Charger

| Description | Nomenclature | APC | Price |
|--|--------------|-----|----------|
| WALL MOUNT KIT FOR IMPRES MULTI-UNIT CHARGER | NLN7967 | 476 | \$21.00 |
| Wall Mount Bracket for IMPRES Multi-Unit Charger | | | |
| CHARGER, 110 VOLT, US PLUG | NTN1667 | 476 | \$100.00 |

Commport Integrated Microphone/Receiver

| Description | Nomenclature | APC | Price |
|---|--------------|-----|----------|
| REPLACEMENT CABLE FOR NTN1625 & NTN1722 | NKN6508 | 115 | \$34.50 |
| REPLACEMENT RING PTT CABLE FOR NTN1663 & NTN1724 | NKN6512 | 115 | \$60.25 |
| REPLACEMENT SNAP ON SIDE PTT CABLE FOR NTN1736 & NTN1737 | NKN6525 | 115 | \$75.00 |
| COMMPORT WITH PALM PTT | NTN1624 | 115 | \$419.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | | | |
| COMMPORT WITH PTT ON RADIO ADAPTER | NTN1625 | 115 | \$419.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | | | |
| COMMPORT WITH SNAP-ON SIDE PTT | NTN1736 | 115 | \$429.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | | | |

EAR MICROPHONE SYSTEMS

| EAR MICROPHONE SYSTEMS | | | |
|---|--------------|-----|----------|
| | Nomenclature | | Price |
| BODYSWITCH PUSH-TO-TALK ACCY | 0180300E83 | 742 | \$159.00 |
| Earpieces | | | |
| Description | Nomenclature | APC | Price |
| EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK | BDN6677 | 742 | \$198.00 |
| Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. | | | |
| EARBUD, MINI MICROPHONE AND PTT | BDN6780 | 742 | \$67.00 |
| *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). | | | |
| EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) | BDN6781 | 742 | \$27.00 |
| *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *XTS 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. *PR1500 - requires BDN6676 - Intrinsically Safe (FM)) | | | |
| BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) | PMLN5464 | 742 | \$395.00 |
| Headsets | | | |
| | NI | | |
| Description | Nomenclature | APC | Price |
| LT WT HEADSET W/ BOOM MIC TO BE WORN WITH HELMET OR SAFETY GLASSES Lightweight headset with boom microphone is to be worn on a helmet or safety glasses; included NKN6498 adapter cable (requires BDN6676 audio adapter.) | NMN1020 | 742 | \$329.00 |
| HEADSET LIGHTWEIGHT | NMN6245 | 785 | \$149.00 |
| Single Mulf Lightweight Headset with In-Line PTT Switch (requires BDN6676 audio adapter)- Intrinsically Safe (FM) EX500, EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | 1111102-10 | 100 | φ140.00 |
| HEADSET LIGHTWEIGHT IN THE EAR | NMN6246 | 785 | \$129.00 |
| Single Muff Lightweight Headset with In-Line PTT Switch, Earbud Style Receiver (requires BDN6676 audio adapter.) Intrinsically Safe (FM) *EX500, EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). | | | |
| MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT-NRR=24DB-INTRIN (FM) | NMN6258 | 742 | \$389.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB | | | |
| MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB | NMN6259 | 742 | \$425.00 |
| | | | |

742

742

\$225.00

\$340.00

RMN4049

RMN5049

TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT.

RUGGED TEMPLE TRANSDUCER HEADSET

Features a noise cancelling boom microphone and In-Line $\ensuremath{\mathsf{PTT}}$

| Microphones | | | |
|---|------------------------------------|--------------------------|--------------------------------------|
| Description RSM W/MAN DOWN BUTTON PSM STRAIGHT CABLE 24 IN This PSM is not compatible with VHF frequencies. | Nomenclature RMN5038 RMN5073 | APC 372 372 | Price \$120.00 \$160.00 |
| Multi Unit Chargers | | | |
| Description IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY | Nomenclature WPLN4108 R | APC 785 | Price \$788.00 |
| Surveillance | | | |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | Nomenclature BDN6664 | APC 742 | Price \$40.00 |
| EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | BDN6665 | 742 | \$42.00 |
| EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | BDN6666 | 742 | \$53.00 |
| *PR1500 requires BDN6676 adapter. FM Approved EARPIECE WITH MICROPHONE & PTT COMBINED - BEIGE (2 WIRE) 2-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | BDN6667 | 742 | \$114.00 |
| *PR1500 requires BDN6676 adapter. FM Approved. EARPIECE WITH MICROPHONE & PTT SEPARATE - BEIGE (3 WIRE) 3-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | BDN6668 | 742 | \$135.00 |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BEIGE (2 WIRE) 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | BDN6669 | 742 | \$118.00 |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BEIGE (3 WIRE) 3-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. *PR1500 requires BDN6676 adapter. FM Approved. | BDN6670 | 742 | \$150.00 |
| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BLACK (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | BDN6726 | 742 | \$40.00 |
| RECEIVE ONLY EARPIECE WITH EXTRA LOUD EARPHONE - BLACK (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | BDN6727 | 742 | \$42.00 |
| EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BLACK (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | BDN6728 | 742 | \$53.00 |

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| *XTS 3000 requires BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 requires new adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
|---|--------------|-----|----------|
| EARPIECE WITH MICROPHONE & PTT COMBINED - BLACK (2 WIRE) | BDN6729 | 742 | \$114.00 |
| 2-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 require BDN6676 adapter. FM Approved. | | | |
| EARPIECE WITH MICROPHONE & PTT SEPARATE - BLACK (3 WIRE) | BDN6730 | 742 | \$135.00 |
| 3-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 requires PMLN4455 adapter. FM Approved. *EX500 & EX600 XLS requires PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BLACK (2 WIRE) | BDN6731 | 742 | \$118.00 |
| 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BLACK (3 WIRE) | BDN6732 | 742 | \$150.00 |
| 3-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| 3-WIRE SURVEILLANCE KIT WITH MICROPHONE & PTT COMBINED, BEIGE | ZMN6031 | 742 | \$177.00 |
| 3-Wire Surveillance Kit, Beige, Hirose Connector. *APX series require requires NNTN7869 Hirose Adapter. *PR1500 requires NTN8613 adapter. | | | |
| 2-WIRE SURVEILLANCE KIT WITH MICROPHONE AND PTT COMBINED | ZMN6032 | 476 | \$143.00 |
| 2-Wire Surveillance Kit, Beige, Hirose Connector. Requires NNTN7869 Hirose Adapter. *PR1500 - requires NTN8613 adapter | | | |
| 2-WIRE SURVEILLANCE KIT WITH MICROPHONE AND PTT COMBINED - EXTRA LOUD | ZMN6038 | 476 | \$149.00 |
| 3-Wire Surveillance Kit, with Extra Loud Earpiece, Beige, Hirose Connector. *APX series require NNTN7869 Hirose Adapter. *PR1500 requires NTN8613 adapter. | | | |
| SPKR MIC W XLOAD EARPIECE | ZMN6039 | 742 | \$190.00 |
| 3-Wire Surveillance Kit, with Extra Loud Earpiece, Beige, Hirose Connector. *APX series require require NNTN7869 Hirose Adapter | | | |
| Manual(s) | | | |
| Description | Nomenclature | APC | Price |
| PR1500/ASTRO BASIC SERVICE MANUAL | 6881094C09 | 205 | \$14.50 |
| PR1500, XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER | | | |
| PR1500/ASTRO DETAILED SERVICE MANUAL | 6881094C10 | 205 | \$33.25 |
| DRAFAA MTAAFAA MTAFAA DAAAA AFDMAA AFDMAA DAAFD | | | |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

PR1500, XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER

| Featu | |
|---|---|
| reall | |
| All VHF PR1500 Porta | |
| Battery (IMPRES NiMH, 1850 mAh, 7.5V - NTN9858) | Charger (IMPRES Rapid Single Unit - WPLN4111_R) |
| Antenna (VHF Must Choose Option) | • 2.25" Belt Clip (HLN6853) |
| Remote Speaker Microphone Adapter (4385665D01) | Accessory Connector Dust Cover (1505579Z01) |
| • User Guide CD (9964416H07) | Two Year Warranty |
| Featu | ires: |
| 32 Channels | 12.5/25 kHz Switchable Channel Spacing (VHF/UHF) |
| 3 Programmable Side Buttons | 1 Programmable Top Button |
| 16 Position Rotary Mode Select Switch | Top Mount Concentric 3 Position Programmable Switch |
| Dual Priority Scan | Operator Selectable Scan |
| Noise Reduction Software | Bi-Color LED Indicator |
| Weather Sealed Universal Accessory Connector | Audio Gain Control |
| Standard & Non Standard PL/DPL Code Capable | MDC-1200 PTT-ID (Encode) |
| MDC-1200 Radio Check (Decode) | MDC1200 Emergency (Encode) |
| MDC1200 Silent Emergency (Encode) | MDC1200 Call Alert (Decode) |
| MDC1200 Selective Call (Decode) | MDC1200 Select Radio Inhibit (Decode) |
| Quik-Call II (Decode) | |
| Programmab | le Buttons: |
| Emergency | Monitor |
| Repeater Talkaround | • Scan |
| Dynamic Priority | Volume Set |
| Nuisance Channel Delete | |

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Ordering Requirements

- 1. All PR1500 VHF radios ship from the factory unprogrammed unless programming option is ordered.
- 2. Radio is not made in America.
- 3. Not for Export. For Domestic use ONLY.

| | | FCC Informa | ation | | | |
|--|-------------------|---|-----------------------|------------------------|-------------------|----------------------------|
| Band/Model | Power Output | Transmitter Type Acceptance | Emissions | Applicable Ru | es | |
| 136-174 MHz | 1-5W (Ships 5W) | AZ489FT3807 | 16K0F3E, 11K0 | F3E 90 | | |
| | | Models | | | | |
| Description | 74 MHZ, 1W - 5W, | 32 CH | | Nomenclature | - | Price \$1,200.00 |
| | -+ Winz, TW - 3W, | Options | | | 1020 | φ1,200.00 |
| | | Options | | | | |
| | | Antenna | | | | |
| Description | | | | | APC | Price |
| | RD VHF/UHF ANT | | | H112JG | 626 | (\$3.50) |
| | | BAND HELICAL (NAD6566) | | H128BD | 626 | \$0.00 |
| | | CAL ANTENNA (NAD6567) AND DIPOLE 7.5" (8505518V01) | | H129 H150AN | 626 626 | \$0.00 \$0.00 |
| | | AND HELICAL (NAD6568) | | HISOAN H65AY | 626 626 | \$0.00 \$0.00 |
| | | Battery | | | | |
| Description IMPRES NIMH IMPRES Battery | | INTRINS SAFE (NTN9857) | | Nomenclature Q393BG | APC 626 | Price \$28.00 |
| | | Belt Clip(s | s) | | | |
| Description DEL: STANDAI | | | | Nomenclature H301CE | APC 626 | Price (\$5.00) |
| | | Charger | | | | |
| Description | | | | Nomenclature | APC | Price |
| DEL: STANDAI | RD CHARGER | | | H951FD | 626 | (\$35.00) |
| UNIVERSAL TI | RI-CHEMISTRY, SI | NGLE UNIT CHARGER (NTN166 | 57) | QA00294AA | 626 | (\$20.00) |
| | | Service Opti | ons | | . – . | |
| Description | | | | Nomenclature | APC | Price |
| ENH: 2 YR SF Provides hardware | | rs beyond the standard 2-year warranty for | a total of 4 years of | H885CJ | 185 | \$84.00 |
| coverage. Repairs | | prola Service Depot. Customer is responsibl | | | | |
| ENH: 1 YR SF | | | | Q884BP | 185 | \$44.00 |
| | | | | | | |

years of warranty. Repairs will be made at the Radio Support Center. The customer pays for inbound shipping. No discounts are allowed on this option.

| Packaging Description BULK PACKAGING (MINIMUM 10 UNITS PER LINE ITEM) | Nomenclature H415ER | APC 626 | Price \$0.00 |
|--|-------------------------------|-------------------|------------------------|
| Accessories | | | |
| | | | |
| Adapter | | | |
| Description | Nomenclature | - | Price |
| 3.5 MM JACK ADAPTER WITH QUICK DISCONNECT LATCH For use with 1, 2 & 3 wire earpiece. | BDN6676 | 742 | \$52.50 |
| KEYLOAD ADAPTER | NTN8613 | 476 | \$89.25 |
| The Surveillance/KEYLOAD ADAPTER NTN8613 allows XTS2500, XTS3000, XTS3500 and XTS5000 radios to be used with a ZMN6031, ZMN6032, ZMN6038 or ZMN6039 surveillance microphone and earpiece | | | |
| Antenna | | | |
| Description | Nomenclature | APC | Price |
| VHF WIDEBAND DIPOLE ANTENNA 7.5", 136-174 MHZ | 8505518V01 | 432 | \$24.00 |
| VHF HELICAL ANTENNA, 136-150.8 MHZ | 8505644V01 | 432 | \$16.50 |
| VHF HELICAL ANTENNA, 150.8-162 MHZ | 8505644V02 | 432 | \$16.50 |
| VHF HELICAL ANTENNA, 162-178 MHZ | 8505644V03 | 361 | \$16.50 |
| Battery | | | |
| Description | Nomenclature | APC | Price |
| IMPRES NIMH, 2000 MAH, 7.5V BATTERY-INTRINS SAFE (FM) - RUGGEDIZED | NNTN6263 | 453 | \$137.00 |
| IMPRES NIMH, 2000 MAH, 7.5V BATTERY - INTRINS SAFE (FM) | NTN9857C | 453 | \$132.00 |
| IMPRESS NIMH, 2100 MAH, 7.5V BATTERY | NTN9858C | 453 | \$112.00 |
| Belt Clip(s) | | | |
| Description | Nomenclature | APC | Price |
| 2" SPRING BELT CLIP | HLN9844 | 577 | \$11.50 |
| For MTH800 - to be used in conjunction with bracket U/slot FTN6302 | | | |
| Belt Loops | | | |
| Description | Nomenclature | APC | Price |
| CARRY CASE SHOULDER STRAP | NTN5243A | 271 | \$23.00 |
| Adjustable Nylon Carrying Strap | | | |
| Cable(s) | | | |
| Description | Nomenclature | APC | Price |
| CABLE- PROGRAMMING USB | RKN4105 | 261 | \$237.00 |
| DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 t program the Portable Radios. | 0 | | |
| * PR1500 - uses RVN4181 CPS - No RIB Box required. | DKN4400 | 004 | ФОЕ 4 00 |
| CABLE- PROGRAMMING, RS232 This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios. | RKN4106 | 261 | \$251.00 |
| * PR1500 - uses RVN4181 CPS - No RIB Box required. | | | |
| Call Boxes | | | |
| Description | Nomenclature | APC | Price |
| | | | |

RRDN4362A

505

\$2,565.00

A1- SOLAR CALL BOX

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| Field programmable. Mounts on a wall, or on a PVC or aluminum stanchion. Solar or AC/DC power. The .090 thick aluminum enclosure with white powder coat measures 13"H x 9.5"W x 6.5"D. Provides protection against dust and falling rain. For indoor and outdoor use. Includes antenna and set of small reflective decals. | | | |
|---|-----------|-----|------------|
| A1-AC/DC CALL BOX | RRDN4363A | 505 | \$2,465.00 |
| Field programmable. Mounts on a wall, or on a PVC or aluminum stanchion. Solar or AC/DC power. The .090 thick aluminum enclosure with white powder coat measures 13"H x 9.5"W x 6.5"D. Provides protection against dust and falling rain. For indoor and outdoor use. Includes antenna and set of small reflective decals. | | | |
| A1-SOLAR W/ ALUMINUM STANCHION CALL BOX | RRDN4365A | 505 | \$3,395.00 |
| Field programmable. Mounts on a wall, or on a PVC or aluminum stanchion. Solar or AC/DC power. The .090 thick aluminum enclosure with white powder coat measures $13"H \times 9.5"W \times 6.5"D$. Provides protection against dust and falling rain. For indoor and outdoor use. Includes antenna and set of small reflective decals. | | | |
| ACB-SOLAR CALL BOX | RRDN4367A | 505 | \$2,775.00 |
| Push-to-talk communication. No door to open. The indoor/outdoor wall mount aluminum enclosure is .090 thick with white powder coat. It measures 20"H x 14"W x 7.5"D with a thick, clear Lexan face-plate cover. Includes activation ringer, antenna and set of small reflective decals. | | | |
| ACB-AC/DC CALL BOX | RRDN4368A | 505 | \$2,675.00 |
| Push-to-talk communication. No door to open. The indoor/outdoor wall mount aluminum enclosure is .090 thick with white powder coat. It measures 20"H x 14"W x 7.5"D with a thick, clear Lexan face-plate cover. Includes activation ringer, antenna and set of small reflective decals. | | | |
| A1410-SOLAR CALL BOX | RRDN4369A | 505 | \$3,400.00 |
| Self-standing. The .090 thick aluminum stanchion with white powder coat measures 10'H x 14"W x 7.5"D. Thick, clear Lexan faceplate cover and includes an activation ringer, antenna and set of large reflective decals. 10 watt solar panel provides additional charging power to allow the beacon/locator light to function 24 hours a day. | | | |
| A1410-AC/DC CALL BOX | RRDN4370A | 505 | \$3,300.00 |
| Self-standing. The .090 thick aluminum stanchion with white powder coat measures 10'H x 14"W x 7.5"D. Thick, clear Lexan faceplate cover and includes an activation ringer, antenna and set of large reflective decals. 10 watt solar panel provides additional charging power to allow the beacon/locator light to function 24 hours a day. | | | |
| A106.5-SOLAR CALL BOX | RRDN4588 | 505 | \$2,795.00 |
| Freestanding. Solar or AC/DC power. The .090 thick, white powder-coated aluminum box measures 6.5H x 10W x 5D. Includes antenna and choice of reflective vinyl message decal. | | | . , |
| A106.5-AC/DC CALL BOX | RRDN4589 | 505 | \$2,695.00 |
| Freestanding. Solar or AC/DC power. The .090 thick, white powder-coated aluminum box measures 6.5H x 10W x 5D. Includes antenna and choice of reflective vinyl message decal. | | | |
| A144-SOLAR CALL BOX | RRDN4590 | 505 | \$3,275.00 |
| Flexibility. Can be wall or pole mounted for convenient accessibility. The .090 thick, white, powder-coated aluminum enclosure measures 4H x 14W x 7.5D. Includes a 6-watt locator LED that converts to a strobe light when callbox is activated. Comes standard with a 10-watt solar panel and choice of large reflective vinyl message decal. | | | |
| A144-AC/DC CALL BOX | RRDN4591 | 505 | \$3,175.00 |
| Flexibility. Can be wall or pole mounted for convenient accessibility. The .090 thick, white, powder-coated aluminum enclosure measures 4H x 14W x 7.5D. Includes a 6-watt locator LED that converts to a strobe light when callbox is activated. Comes standard with a 10-watt solar panel and choice of large reflective vinyl message decal. | | | |
| | | | |

Carrying Case(s)

| Description | Nomenclature | APC | Price |
|---|--------------|-----|---------|
| LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP | NNTN4115 | 271 | \$60.00 |
| Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. | | | |
| LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP | NNTN4116 | 271 | \$60.00 |
| Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. | | | |
| LEATHER CASE W/SNAP BELT LOOP & T-STRAP | NNTN4117 | 271 | \$60.00 |
| Includes snap belt loop and t-strap. For NiCad or NiMH. | | | |

Charger

| Description | Nomenclature | APC | Price |
|--|--------------|-----|----------|
| WALL MOUNT KIT FOR IMPRES MULTI-UNIT CHARGER | NLN7967 | 476 | \$21.00 |
| Wall Mount Bracket for IMPRES Multi-Unit Charger | | | |
| CHARGER, 110 VOLT, US PLUG | NTN1667 | 476 | \$100.00 |

Commport Integrated Microphone/Receiver

| Description | Nomenclature | APC | Price |
|--|--------------|-----|---------|
| REPLACEMENT CABLE FOR NTN1625 & NTN1722 | NKN6508 | 115 | \$34.50 |
| REPLACEMENT RING PTT CABLE FOR NTN1663 & NTN1724 | NKN6512 | 115 | \$60.25 |
| REPLACEMENT SNAP ON SIDE PTT CABLE FOR NTN1736 & NTN1737 | NKN6525 | 115 | \$75.00 |

| | Nomenclature | | Price |
|--|--------------|-----|-------------|
| Microphones | | | |
| | | | |
| RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT | RMN5049 | 742 | \$340.00 |
| Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT. | | | |
| TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES | RMN4049 | 742 | \$225.00 |
| Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB | | | |
| MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) | NMN6259 | 742 | \$425.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB | | | |
| MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT-NRR=24DB-INTRIN (FM) | NMN6258 | 742 | \$389.00 |
| Single Muff Lightweight Headset with In-Line PTT Switch, Earbud Style Receiver (requires BDN6676 audio adapter.) Intrinsically Safe (FM) *EX500, EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). | | | |
| HEADSET LIGHTWEIGHT IN THE EAR | NMN6246 | 785 | \$129.00 |
| (FM) EX500, EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | | | |
| HEADSET LIGHTWEIGHT Single Muff Lightweight Headset with In-Line PTT Switch (requires BDN6676 audio adapter)- Intrinsically Safe | NMN6245 | 785 | \$149.00 |
| LASSES Lightweight headset with boom microphone is to be worn on a helmet or safety glasses; included NKN6498 adapter cable (requires BDN6676 audio adapter.) | | | |
| LT WT HEADSET W/ BOOM MIC TO BE WORN WITH HELMET OR SAFETY GLASSES | NMN1020 | 742 | \$329.00 |
| | Nomenclature | | Price |
| Headsets | | | |
| (XTS3000/5000/2500/1500/MT1500/PR1500) | | | |
| BONE CONDUCTION EAR MICROPHONE | PMLN5464 | 742 | \$395.00 |
| *XTS 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. *PR1500 - requires BDN6676 - Intrinsically Safe (FM)) | | | |
| *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | | | |
| EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) | BDN6781 | 742 | \$27.00 |
| *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). | 1 | | |
| EARBUD, MINI MICROPHONE AND PTT | BDN6780 | 742 | \$67.00 |
| an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. | | | |
| Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of | | | • • • • • • |
| EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK | BDN6677 | 742 | \$198.00 |
| Description Earpieces | Nomenclature | | Price |
| | | | |
| BODYSWITCH PUSH-TO-TALK ACCY | 0180300E83 | 742 | \$159.00 |
| Description | Nomenclature | APC | Price |
| EAR MICROPHONE SYSTEMS | | | |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | 11111730 | 110 | Ψ-20.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. COMMPORT WITH SNAP-ON SIDE PTT | NTN1736 | 115 | \$429.00 |
| COMMPORT WITH PTT ON RADIO ADAPTER | NTN1625 | 115 | \$419.00 |
| COMMPORT WITH PALM PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1624 | 115 | \$419.00 |
| | | | . |

RMN5038

372

\$120.00

RSM W/MAN DOWN BUTTON

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| Multi Unit Chargers | | | |
|---|--------------|-----|----------|
| Description | Nomenclature | APC | Price |
| IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY | WPLN4108 R | 785 | \$788.00 |
| Surveillance | | | |
| Description | Nomenclature | APC | Price |
| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) | BDN6664 | 742 | \$40.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | |
| EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) | BDN6665 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | |
| EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | BDN6666 | 742 | \$53.00 |
| EARPIECE WITH MICROPHONE & PTT COMBINED - BEIGE (2 WIRE) | BDN6667 | 742 | \$114.00 |
| 2-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | 9 | | |
| EARPIECE WITH MICROPHONE & PTT SEPARATE - BEIGE (3 WIRE) | BDN6668 | 742 | \$135.00 |
| 3-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. * EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BEIGE (2 WIRE |) BDN6669 | 742 | \$118.00 |
| 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | , | | |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BEIGE (3 | BDN6670 | 742 | \$150.00 |
| WIRE) 3-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BLACK (SINGLE WIRE) | BDN6726 | 742 | \$40.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | |
| RECEIVE ONLY EARPIECE WITH EXTRA LOUD EARPHONE - BLACK (SINGLE WIRE) | BDN6727 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm | | | |

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| audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | |
|--|--------------|-----|----------|
| EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BLACK (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 3000 requires BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 requires new adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | BDN6728 | 742 | \$53.00 |
| EARPIECE WITH MICROPHONE & PTT COMBINED - BLACK (2 WIRE) | BDN6729 | 742 | \$114.00 |
| 2-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphon with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 require BDN6676 adapter. FM Approved. | ie | | |
| EARPIECE WITH MICROPHONE & PTT SEPARATE - BLACK (3 WIRE) | BDN6730 | 742 | \$135.00 |
| 3-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS requires PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BLACK (2 WIRE) | BDN6731 | 742 | \$118.00 |
| 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BLACK (3 | BDN6732 | 742 | \$150.00 |
| WIRE) | | | |
| 3-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| 3-WIRE SURVEILLANCE KIT WITH MICROPHONE & PTT COMBINED, BEIGE | ZMN6031 | 742 | \$177.00 |
| 3-Wire Surveillance Kit, Beige, Hirose Connector. *APX series require requires NNTN7869 Hirose Adapter. *PR1500 requires NTN8613 adapter. | | | |
| 2-WIRE SURVEILLANCE KIT WITH MICROPHONE AND PTT COMBINED | ZMN6032 | 476 | \$143.00 |
| 2-Wire Surveillance Kit, Beige, Hirose Connector. Requires NNTN7869 Hirose Adapter. *PR1500 - requires NTN8613 adapter | 7.4.10000 | 470 | ¢4.40.00 |
| 2-WIRE SURVEILLANCE KIT WITH MICROPHONE AND PTT COMBINED - EXTRA LOUD | A ZIVIINOUJO | 476 | \$149.00 |
| 3-Wire Surveillance Kit, with Extra Loud Earpiece, Beige, Hirose Connector. *APX series require NNTN7869 Hirose Adapter. *PR1500 requires NTN8613 adapter. | | | |
| SPKR MIC W XLOAD EARPIECE | ZMN6039 | 742 | \$190.00 |
| 3-Wire Surveillance Kit, with Extra Loud Earpiece, Beige, Hirose Connector. *APX series require require NNTN7869 Hirose Adapter | | | |
| Manual(s) | | | |
| Description | Nomenclature | APC | Price |
| PR1500/ASTRO BASIC SERVICE MANUAL | 6881094C09 | 205 | \$14.50 |
| PR1500, XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER | | | |
| PR1500/ASTRO DETAILED SERVICE MANUAL PR1500, XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER | 6881094C10 | 205 | \$33.25 |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

XTVA XTS Vehicular Adapter for XTS 3000™ and XTS 5000™ Portable Radios

XTVA Last Order Entry Date : September 1, 2014

XTVA Last Scheduled Ship Date: September 30, 2014

XTVA Notification of Intent to Cancel Memo

Ship Card

General Information and Ordering Requirements

The XTS Vehicular Adapter (XTVA) is compatible with all versions of the XTS 3000 and XTS 5000 series portable radios **not compatible with units equipped with Q242 Digital VSELP.** The XTVA unit provides the portable with in-vehicle radio battery charging (with the ability to transmit and receive) and potential mobile performance (with an optional RFPA)

NOTE: All IMBE users (Q806) and Analog users (Q241) with a ship date prior to Host versions 5.6.9 (4/1/99) will require a FLASHport® upgrade for each subscriber to obtain full XTVA capability. All units shipping with Host version 5.6.0 or later do not require the upgrade.

XTVA CONSOLES

XTVA models include a XTVA console, power supply cable and a swivel trunion mounting kit. For XTVA operation, a microphone and an RF switch (for each radio) are required. The XTVA is available in a closed faced Model which covers the face of the radio, and an open faced Model that allows access to the display and first two rows of keys when using a ASTRO XTS 3000 or XTS 5000 Model II or III radio Both XTVA models are available with either a mini-UHF or a BNC connector. (N1799, N2003, N2001, N2002)

NOTE: The XTVA will only work in an IMBE system. VSELP compatibility is not available.

XTVA ACCESSORIES (Accessories required for XTVA operation)

NOTE: The HHCH is compatible with ASTRO XTS 3000 or XTS 5000 Model II or III radios, not compatible with Model I. The HHCH display information and keypad buttons have the same functions as the ASTRO XTS 3000 or XTS 5000 Model II or III radios. A microphone is required to operate the XTVA.

NOTE: The wrench tool is required to apply the RF switch. It is recommended to order 1 tool per 10 radios ordered.

POWER AMPLIFIERS

The Power Amplifier Kits include a power amplifier and a 17 ft. RF/DC cable kit (NKN6516). The RFPA antenna

http://ecat.comm.mot.com/ecat/pricebooks/dup/COSMOVA.htm

connector is a mini-UHF. Order an antenna kit containing a mini-UHF antenna connector for RFPA Operation. Contact the Aftermarket and Accessories Division for pricing and ordering information regarding the antenna kit with the mini-UHF connector.

| ASTRO Digital XTS3000 800 MHz |
|--------------------------------|
| ASTRO Digital XTS3000 UHF Band |
| ASTRO Digital XTS3000 VHF Band |
| ASTRO Digital XTS5000 UHF |
| ASTRO Digital XTS5000 VHF |
| ASTRO Digital XTS5000 800 MHz |

XTVA XTS/MSP Vehicular Adapter Catalog Sheet

| Models | | | | |
|-------------|--------------|-----|-------|--|
| Description | Nomenclature | APC | Price | |
| | Options | | | |
| | Accessories | | | |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

Mobile Vehicular Adapter

MTVA CONSOLE

Ship Card

General Information

The basic MTVA console is compatible with: HT1000 16 channel models JT1000 MT2000 MTS 2000 (MTX 8000, MTX 9000 selected models only) PAC-RT systems

The package includes: lockable holder control unit compact microphone mounting hardware cables

Within the control unit is a battery charger that will rapid charge batteries in two hours. Order the mobile antenna separately from Aftermarkets Accessory Division. The MTVA uses a mini UHF connector. See catalog sheet R3-4-160 for additional information.

NOTE: BASIC MTVA CANNOT BE RETROFITTED IN THE FIELD WITH POWER AMPLIFIER. POWER AMPLIFIER OPTION MUST BE ORIGINALLY ORDERED FROM THE FACTORY.

| | Models | | |
|------------------------|--------------|-----|----------|
| Description | Nomenclature | APC | Price |
| MTVA VEHICULAR ADAPTER | N1671 | 476 | \$450.00 |
| | Options | | |
| | Accessories | | |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

MT 1500 Portable Series UHF Range 1 and UHF Range 2_MHz Band Wide Area SmartZone® "Handie-Talkie™" Radio Trunked Radio Systems

MT 1500 Last Order Entry Date : October 31, 2014

MT 1500 Last Scheduled Ship Date: November 30, 2014

MT 1500 Notification of Intent to Cancel Memo

** Alternative product includes the APX Series **- <u>APX1000 (Available - December</u>

<u>2014)</u>

Special Note for United States - State & Local Markets only:

In accordance with FCC mandate, the MT 1500 UHF R1 & UHF R2 products operating on Part 90 frequencies will be restricted to 12.5kHz or narrower operations on Jan. 1, 2013

Ship Card

Features

All MT 1500 packaged models include the following hardware features:

- 1 Top Mounted Programmable Three Position Concentric Switch
 - Weather Sealed Universal Connector
 - Bi-Color LED Indicator
 - Nickel Metal Hydride Battery
 - Detachable Belt Clip
 - Audio Gain Control
 - 1 Year Warranty

General Information

The MT 1500 Portable is offered in model I only:

• 3 Programmable Side Buttons

• 16 Position Mode Rotary Select Switch

• Antenna (Bandsplit and Type Dependent on Band Option)

Orange Emergency Button

Low Battery Alert Tone

Noise Reduction Software

On/Off Volume

| Hardware Model | | Alphanumeric Display Lines/Characters Per Line | | Navigation Pad |
|-----------------|----|--|------|----------------|
| MT 1500 Model I | 48 | None | None | No |

Operating Modes

MT 1500 Radio Model is capable of operation in two different voice communication modes:

3600 Analog Trunking
 MDC 1200 Analog Conventional

The MT 1500 Portable is capable of 48 modes when the programmable Concentric Top Mounted Switch is used for Zone Operation. The mode of operation is programmed on a channel-by-channel basis.

RELATIVE RADIATED RECEIVE SENSITIVITY

The relative radiated receive sensitivity test (formerly referred to as self-quieters) measures the sensitivity from 380-520 MHz in 12.5kHz steps. The radio is set to 25kHz channel mode. These measurements were taken in a shielded environment so that degraded sensitivity at discrete frequencies is known to be due to the radio's self-interference (as opposed to external interference). The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios (secure and non-secure): 381.535 (secure), 386.400, 389.490 (secure), 393.195, 396.000, 396.300, 405.380 (secure), 413.330 (secure), 414.000, 415.500, 417.770, 420.000, 421.280 (secure), 426.600, 429.230 (secure), 432.000, 432.6125, 434.700, 436.800, 442.3438, 450.000, 453.600, 456.000, 460.800, 460.920, 468.000, 470.400, 474.000, 480.000, 486.000, 487.200, 491.490, 492.000 (secure), 497.6950 (secure), 498.000, 502.200 (secure), 504.000, 512.400, 516.070, 517.440, 519.120

FM INFORMATION

The MT 1500 portable radio when properly equipped with options H223 and Q393 are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, II, III, Groups C, D, E, F, G, T3C without encryption modules.

The MT 1500 portable radio when properly equipped with options H223 and Q393 are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, Class II, Class II, Groups D, F, G, T3C with encryption modules.

Ordering Requirements

Ordering procedure is as follows:

1 H67QDC9PW5 N MT 1500 UHF Range 1 Portable

1 H67SDC9PW5 N MT 1500 UHF Range 2 Portable

1A Qxxx System Software

1B etc

- 1. Order the MT 1500 Portable Series as the main line item (H67QDC9PW5 N) UHF R1 or (H67SDC9PW5 N) UHF R2.
- 2. Each hardware model MUST be ordered with one Operating Mode. One Operating Mode Package MUST be ordered for each radio unit ordered. Choose between 3600 Trunking or MDC 1200 Analog Conventional.

| Maximum Modes | |
|---|---|
| MT 1500 Model 1 | 48 |
| Analog Operation | Yes |
| 12.5/20/25 KHz Programmable Channels | Yes |
| Secure Capable | No |
| One Touch Operation | No |
| Real Time Clock | No |
| Surveillance Mode | No |
| Keypad Lock | No |
| Radio Lock | Yes |
| Smart Battery (NiCAD Only) | Future |
| Radio Wide Transmit Inhibit | No |
| Time Out Timer | Yes |
| FLASHport® | No |
| ANALOG CONVENTIONAL FEATURES | |
| Conventional Features are additional radio wide features beyond those specified above. | |
| CSQ/PL/DPL | Yes |
| Dual Priority Channel Scan | No |
| Adaptive Power Control | Yes |
| Repeater/Talkaround Operation | Yes |
| Scan (Auto, Pre-programmed, Operator Selectable) | Yes |
| Smart PTT | Yes |
| Monitor | Yes |
| DTMF Tone Generation | N/A |
| MDC-1200 Emergency Call | Yes |
| MDC-1200 Silent Emergency Alarm | Yes |
| MDC-1200 PTT-ID Encode | Yes |
| 3600 Trunking Features | |
| Maximum Number of Trunked Systems - 48 | Yes |
| Talkgroup Calls | Yes |
| PTT ID (Digital Only) | Model I - Encode Only Model 1.5 - Encode and Decode |
| Call Alert Decode Only | Yes |
| Dual Mode Scan | Yes |
| Failsoft by Talkgroup | Yes |
| Telephone Interconnect Encode/Decode | No |
| System Wide Call (Receive Only) | Yes |

| Selective Radio Inhibit | Yes |
|---|--------|
| Priority Scan | Yes |
| Dynamic Regrouping | Yes |
| Status/Message | No |
| Private/Enhanced Conversation (Decode only) | Yes |
| Radio Check | Future |
| Remote Monitor/Radio Trace | No |
| Reprogram Request | No |
| Trunking Features | |
| Voice on Control | Future |
| SmartZone® Automatic Site Registration | Yes |
| SmartZone® RSSI Operation | Yes |
| SmartZone® Preferred Site | Yes |
| SmartZone® Forced Site Search | Yes |
| SmartZone® Site Lock/Unlock | Yes |
| SmartZone® Adjacent Control Channel OSW | Yes |
| Emergency Alarm Call Receive Indication | Yes |

FCC Information

| Rand/Model | Power Output | Transmitter Type Acceptance | Emissions | Applicable Rules |
|-------------------------------|-----------------|--------------------------------|---|---------------------|
| UHF Range 1 (380- 470 MHz) | 1 to 5 Watts | | 11K0F3E, 11K0F2D, 11K0F1D, 15K0F1D, 15K0F2D, 16K0F3E, 20K0F1E, 20K0F1D, 8K10F1E, 8K10FID | 22, 74, 90 |
| UHF Range 2 (450- 520 MHz) | 1 to 5 Watts | | 11K0F3E, 11K0F2D, 11K0F1D, 15K0F1D, 15K0F2D, 16K0F3E, 20K0F1E, 20K0F1D, 8K10F1E, 8K10FID | 22, 74, 90 |

SUB-BAND PERFORMANCE

UHF R1 MHz 380-470 MHz in all models

UHF R2 MHz 450-520 MHz in all models

MT 1500 Catalog Sheet

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

| | Models | | | |
|--|-------------|------------------------------------|--------------------------|------------------------------------|
| Description | | Nomenclature | APC | Price |
| | Options | | | |
| | Accessories | | | |
| | Adapter | | | |
| Description 3.5 MM JACK ADAPTER WITH QUICK DISCONNECT LATCH For use with 1, 2 & 3 wire earpiece. | | Nomenclature BDN6676 | APC 742 | Price \$52.50 |
| PSM RF ADPT | | RLN5918 | 372 | \$36.00 |
| | Antenna | | | |
| Description ANTENNA, 380-435MHZ UHF HELICAL ANTENNA, 470-520MHZ UHF HELICAL | | Nomenclature NAE6546 NAE6548 | APC 402 402 | Price \$16.50 \$16.50 |
| | Battery | | | |
| Description | | Nomenclature | APC | Price |

| IMPRES NIMH, 2000 MAH, 7.5V BATTERY-INTRINS SAFE (FM) - RUGGEDIZED | NNTN6263 | 453 | \$137.00 |
|---|--|--|--|
| IMPRES NIMH, 2000 MAH, 7.5V BATTERY - INTRINS SAFE (FM) | NTN9857C | 453 | \$132.00 |
| IMPRESS NIMH, 2100 MAH, 7.5V BATTERY | NTN9858C | 453 | \$112.00 |
| | | | |
| Belt Clip(s) | | | |
| Description | Nomenclature | APC | Price |
| BELT CLIP 2 1/4" | HLN6853 | 271 | \$11.50 |
| | | | |
| Cable(s) | | | |
| Description | Nomenclature | APC | Price |
| CABLE PROGRAMMING USB | RKN4105 | 261 | \$237.00 |
| DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. | | 20. | <i>\\</i> 201100 |
| * PR1500 - uses RVN4181 CPS - No RIB Box required. | | | |
| CABLE- PROGRAMMING, R5232 | RKN4106 | 261 | \$251.00 |
| This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. | | | |
| | | | |
| Carrying Case(s) | | | |
| Description | Nomenclature | APC | Price |
| LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP | NNTN4115 | 271 | \$60.00 |
| Includes swivel belt loop and t-strap. 3.0* Snap NiCad or NiMH. | | | |
| LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP | NNTN4116 | 271 | \$60.00 |
| Includes swivel belt loop and t-strap. 2.5" Snap NiCod or NiMH. | | <u></u> / | •••• |
| LEATHER CASE W/SNAP BELT LOOP & T-STRAP Includes snap belt loop and t-strap. For NiCad or NiMH. | NNTN4117 | 271 | \$60.00 |
| LEATHER T-STRAP, PLAIN ACTION SNAP | NTN8383 | 476 | \$10.50 |
| LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | NTN8384 | 476 | \$10.50 \$10.50 |
| | 11110304 | 470 | ψ10.00 |
| Charger | | | |
| Description | Nomenclature | APC | Price |
| CHARGER, 110 VOLT, US PLUG | NTN1667 | 476 | \$100.00 |
| CHARGER, IMPRES RAPID RATE, 110V US PLUG | NTN1873 | 476 | \$165.00 |
| Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, HT, and Saber batteries. (WPLN4114AR, & USA 3004209T03 Cord) | 11111075 | 470 | ψ105.00 |
| CHARGER, IMPRES RAPID RATE, 220V EURO PLUG | NTN1874 | 785 | \$165.00 |
| Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, and HT (WPLN4114AR, 2 prong Euro 3004209T01 Cord) | | | |
| VEHICULAR TRAVEL CHARGER | RLN4884 | 785 | \$95.00 |
| Utilizes the cigarette lighter adapter. INCLUDES: mounting bracket, custom coil cord, and charger. Travel charger is best used and compatible with 2" belt clip. IMPRES SINGLE-UNIT CHARGER, 220 VOLT, EURO PLUG | WPLN4112BR | 785 | \$165.00 |
| | | 100 | φ100.00 |
| | | | |
| Earpieces | | | |
| Description | Nomenclature | APC | Price |
| Description | Nomenclature | APC | Price |
| | Nomenclature AARLN4885 | APC 742 | Price \$25.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE | | - | |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio | AARLN4885 | 742 | \$25.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK | AARLN4885 | 742 | \$25.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. | AARLN4885 BDN6677 | 742 742 | \$25.00 \$198.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) | AARLN4885 | 742 | \$25.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "EX500 & EX600 XLS - requires PMLV4455 - Intrinsically Safe (FM) | AARLN4885 BDN6677 | 742 742 | \$25.00 \$198.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *ZKS 5000 & XXS 2-requires PMIN4455 - Intrinsically Safe (FM). | AARLN4885 BDN6677 | 742 742 | \$25.00 \$198.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 - Intrinsically Safe (FM) XTS 5000 & XTS 2500 requires BDN6676 - Intrinsically Safe (FM). *XTS 5000 requires BDN6676 - Intrinsically Safe (FM). *XTS 5000 requires BDN6676 - Intrinsically Safe (FM). | AARLN4885 BDN6677 BDN6781 | 742 742 742 | \$25.00 \$198.00 \$27.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT000, XTS 3000, requires PMLN4455 - Intrinsically Safe (FM) *XTS 5000 & XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & XLS 2500 requires BDN6676 (1ntrinsically Safe (FM) *XTS 5000 - requires BDN6676 (- Intrinsically Safe (FM) *XTS 5000 - requires BDN6676 (- Intrinsically Safe (FM) *Do - requires BDN6676 (- Intrinsically Safe (FM) *PR1500 - requires BDN6676 (- Intrinsically Safe (FM) *Do - requires BDN6676 (- Intrinsically Safe (FM) *PR1500 - requires BDN6676 (- Intrinsically Safe (FM) *Do - requires BDN6676 (- Intrinsically Safe (FM) *PR1500 - requires BDN6676 (- Intrinsically Safe (FM) *Do - requires BDN6676 (- Intrinsically Safe (FM) *PR1500 - requires BDN6676 (- Intrinsically Safe (FM) *PR1500 - requires BDN6676 (- Intrinsically S | AARLN4885 BDN6677 BDN6781 PMLN4620A | 742 742 742 742 | \$25.00 \$198.00 \$27.00 \$19.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 - Intrinsically Safe (FM) XTS 5000 & XTS 2500 requires BDN6676 - Intrinsically Safe (FM). *XTS 5000 requires BDN6676 - Intrinsically Safe (FM). *XTS 5000 requires BDN6676 - Intrinsically Safe (FM). | AARLN4885 BDN6677 BDN6781 | 742 742 742 | \$25.00 \$198.00 \$27.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "EX500 & EX500 XLS - requires PMIN4455 - Intrinsically Safe (FM) "XTS 5000 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. "EX500 & EX600 XLS - requires PMIN4455 - Intrinsically Safe (FM) "XTS 5000 & XTS 2500 requires BDN6676 (3.5mm (FM)) "Strong & XTS 2500 requires BDN6676 (5.1mtinsically Safe (FM) "XTS 5000 & XTS 2500 requires BDN6676 (5.1mtinsically Safe (FM)) D-SHELL RX-ONLY EARPIECE(3.5MM) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 | 742 742 742 742 742 742 742 742 742 | \$25.00 \$198.00 \$27.00 \$19.00 \$395.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "EX500 & KS00 XLS - requires PMLN4455 - Intrinsically Safe (FM) "XTS 5000 & XTS 2500 requires BDN6676 (1.thrinsically Safe (FM) "XTS 5000 & XTS 2500 requires BDN6676 (1.thrinsically Safe (FM) "State Same Same Same Same Safe (FM) D-SHELL RX-ONLY EARPIECE(3.SMM) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A | 742 | \$25.00 \$198.00 \$27.00 \$19.00 \$395.00 \$32.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "EX500 & EX500 XLS - requires PMLV4455 - Intrinsically Safe (FM) "XTS 5000 & XTS 2500 requires BDN6676 i. Intrinsically Safe (FM) "XTS 5000 & XTS 2500 requires BDN6676 i. Intrinsically Safe (FM) D-SHELL RX-ONLY EARPIECE(3.5MM) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A | 742 | \$25.00 \$198.00 \$27.00 \$19.00 \$395.00 \$32.00 \$20.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "EX500 & EX500 Tequires BDN6676 - Intrinsically Safe (FM) "ATS 5000 & XTS 2500 requires BDN6676 - Intrinsically Safe (FM) "YT500 - requires BDN6676 - Intrinsically Safe (FM) "ATS 5000 & XTS 2500 requires BDN6676 - Intrinsically Safe (FM) "XTS 5000 & XTS 2500 requires BDN6676 - Intrinsically Safe (FM) "YT1500 - requires BDN6676 - Intrinsically Safe (FM) D-SHELL RX-ONLY EARPIECE(3.5MM) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLIGE QUICK DISCONNECT ACOUSTIC TUBE | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A | 742 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "EX500 & EX500 Tequires BDN6676 - Intrinsically Safe (FM) "ATS 5000 & XTS 2500 requires BDN6676 - Intrinsically Safe (FM) "YT500 - requires BDN6676 - Intrinsically Safe (FM) "ATS 5000 & XTS 2500 requires BDN6676 - Intrinsically Safe (FM) "XTS 5000 & XTS 2500 requires BDN6676 - Intrinsically Safe (FM) "YT1500 - requires BDN6676 - Intrinsically Safe (FM) D-SHELL RX-ONLY EARPIECE(3.5MM) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLIGE QUICK DISCONNECT ACOUSTIC TUBE | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A | 742 | \$25.00 \$198.00 \$27.00 \$19.00 \$395.00 \$32.00 \$20.00 \$7.90 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "HT1000, XTS 3000, requires DDN6676 (13.5mm adapter jack) that attaches to the radio. "5000 & XTS 2500 VLS - requires PMLN4455 - Intrinsically Safe (FM) "Note: VOX is not recommended for trunking operation. "EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "H1000, XTS 3000, requires DDN6676 (13.5mm adapter jack) that attaches to the radio. "P1500 - requires DDN6676 - Intrinsically Safe (FM) D'Stress Cool & XTS 2500 Regress DDN6676 - Intrinsically Safe (FM) D'ShELL RX-ONLY EARPIECE (23.5MM) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLIGE QUICK DISCONNECT ACOUSTIC TUBE BLIGE QUICK DISCONNECT ACOUSTIC TUBE EAR RCVR W/COIL C | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A | 742 | \$25.00 \$198.00 \$27.00 \$19.00 \$395.00 \$32.00 \$20.00 \$7.90 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved BAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "H1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "5000 & XTS 2500 requires PMLW455 - Intrinsically Safe (FM) "Note: VOX). For origines BDN6676 (1.5mm adapter jack) that attaches to the radio. "P1500 - requires BDN6676 - Intrinsically Safe (FM) "Attacoust LS - requires BDN6676 - Intrinsically Safe (FM) D'Strout Coust LS - Repuise EARCH (SINGLE WIRE) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLIGE QUICK DISCONNECT ACOUSTIC TUBE BLIGE QUICK DISCONNECT ACOUSTIC TUBE BLABASE | AARLN4885 BDN6677 BDN6781 PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A WADN4190B | 742 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "HT1000, XTS 3000, requires DDN6676 (13.5mm adapter jack) that attaches to the radio. "2500 & EXTS 2500 VEXS - requires PMLN4455 - Intrinsically Safe (FM) "Note: VOX is not recommended for trunking operation. "EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "H1000, XTS 3000, requires DDN6676 (13.5mm adapter jack) that attaches to the radio. "2500 & EXTS 2500 VEXS - requires PMLN4455 - Intrinsically Safe (FM) "NtStool & XTS 2500 Reprise DBN6676 - Intrinsically Safe (FM) D-Shell RX-ONLY EARPIECE (23.5MM) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLIGE QUICK DISCONNECT ACOUSTIC TUBE EAR RCVR W/COIL CBL&3.5MM PLUG | AARLN4885 BDN6677 BDN6781 PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A WADN4190B | 742 742 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE U. Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. ''H1750, H1750 & PHRIStool - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) ''H1750, H175300, PROJECTS (3.5mm dapter jack) that attaches to the radio. ''EX500 & £X150 200 requires BDN6676. Intrinsically Safe (FM) ''S 5000, £X25 - requires BDN6676. Intrinsically Safe (FM) ''S 5000 & £X150 200 requires BDN6676. Intrinsically Safe (FM) ''S 5000 & £X150 200 requires BDN6676. Intrinsically Safe (FM) ''S 5000 & £X150 200 requires BDN6676. Intrinsically Safe (FM) ''S 5000 & £X150 200 requires BDN6676. Intrinsically Safe (FM) ''S 5000 & £X150 200 TO LARM (RCOPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK Description MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRE 24DB-INTRIN (FM) <t< td=""><td>AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049</td><td> 742 742</td><td>\$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price</td></t<> | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049 | 742 742 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved BEAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT50, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "H1000, XTS 3000, requires BDN6676 (Intrinsically Safe (FM) "X5 5000 & XLS - requires BDN6676 (Intrinsically Safe (FM) "X5 5000 & XLS - requires BDN6676 (Intrinsically Safe (FM) "X5 5000 & XLS - requires BDN6676 (Intrinsically Safe (FM) "X5 5000 & XLS - requires BDN6676 (Intrinsically Safe (FM) "X5 5000 & XLS - requires BDN676 (Intrinsically Safe (FM) "X5 5000 & XLS - requires BDN676 (Intrinsically Safe (FM) DS-SHELL RX-ONLY EARPIECE(3.5MM) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK QUICK DISCONNECT ACOUSTIC TUBE BLACK MUBBER EARTIP/ACOUSTIC TUBE BLACK MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRRE 24D | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049 | 742 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE U. Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. ''H1750, H1750 & PHRIStool - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) ''H1750, H175300, PROJECTS (3.5mm dapter jack) that attaches to the radio. ''EX500 & £X150 200 requires BDN6676. Intrinsically Safe (FM) ''S 5000, £X25 - requires BDN6676. Intrinsically Safe (FM) ''S 5000 & £X150 200 requires BDN6676. Intrinsically Safe (FM) ''S 5000 & £X150 200 requires BDN6676. Intrinsically Safe (FM) ''S 5000 & £X150 200 requires BDN6676. Intrinsically Safe (FM) ''S 5000 & £X150 200 requires BDN6676. Intrinsically Safe (FM) ''S 5000 & £X150 200 TO LARM (RCOPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK Description MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRE 24DB-INTRIN (FM) <t< td=""><td>AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049</td><td> 742 </td><td>\$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00</td></t<> | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049 | 742 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE U. Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. ''HIT30.1250 & PRISOD - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) ''HIT30.0 & PRISOF6. Intrinsically Safe (FM) 'XTS 5000 a VIS - requires DNR676. Intrinsically Safe (FM) 'XTS 5000 & XTS 2500 requires BDNR676. Intrinsically Safe (FM) 'XTS 5000 & XTS 2500 requires BDNR676. Intrinsically Safe (FM) 'XTS 5000 & XTS 2500 requires BDNR676. Intrinsically Safe (FM) 'XTS 5000 & XTS 2500 requires BDNR676. Intrinsically Safe (FM) 'XTS 5000 & XTS 2500 requires BDNR676. Intrinsically Safe (FM) Dester conduction EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK MED DUTY HEADSET,BEHIND-THE-HEAD, W/IN-LINE PTT-NRE 24DB-INTRIN (FM) Meduri Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET,BEHIND-THE-HE | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049 | 742 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00 \$225.00 |
| Pescription RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE Use With the proved RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE Use CAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For roise levels up to 95 db. Requires Interface Module. "HT50, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VX is not recommended for trunking operation. EARBUD, RECEIVE CONLY, BLACK (SINGLE WIRE) "H1700, YTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "EX500 X ST or guires PBN6676 - Intrinsically Safe (FM) "X15 s000 x STS 3200 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. "X5 5000 x STS 3200 requires BDN6676 - Intrinsically Safe (FM) "X15 s000 x STS 3200 requires BDN6676 - Intrinsically Safe (FM) "X15 s000 x STS 3200 requires BDN6676 - Intrinsically Safe (FM) "X15 s000 x STS 3200 requires BDN6676 - Intrinsically Safe (FM) "X15 s000 x STS 3200 requires BDN6676 - Intrinsically Safe (FM) "X15 s000 x STS 3200 requires BDN6676 - Intrinsically Safe (FM) "X15 s000 x STS 3200 requires BDN6676 - Intrinsically Safe (FM) "Sts s000 x STS 3200 requires BDN6676 - Intrinsically Safe (FM) "Sts s000 x STS 3200 requires BDN6676 - Intrinsically Safe (FM) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBDEN Headset, Behind the Head, with In-Line PTT-Noise Reduction Rating = 24B MD DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Mdur Wight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24B MD LUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 410be use to receive audio through the temples. Headset features a rise cancelling boom microphone and In-Line PTT MITS NO | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049 | 742 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00 \$225.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. ''HT750, HT1250 & PRTSOD - Intrinsically Safe (FM) Note: 'VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) ''HT500, HT1250 & PRTSOF6 (3.5mm adapter jack) that attaches to the radio. ''EX500 & \$TS 2500 requires BDN676 (3.5mm adapter jack) that attaches to the radio. ''EX500 & \$TS 2500 requires BDN676 (3.5mm adapter jack) that statches to the radio. ''EX500 & \$TS 2500 requires BDN676 (3.5mm adapter jack) that statches to the radio. ''EX500 & \$TS 2500 requires BDN676 (3.5mm adapter jack) that statches to the radio. ''EX500 & \$TS 2500 requires BDN676 (3.5mm) BONE CONDUCTION EAR MICROPHONE (XTS33000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK MUBER TO DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR = 24DB-INTRIN (FM) Medum | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049 RMN5049 | 742 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00 \$225.00 |
| Pescription RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE Use Waproved RECOPPONDE FOR STANDARD NOISE LEVELS, BLACK Segment to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PT or VOX). For noise levels up to 95 do. Requires Interface Module. TYT70, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX). For noise upersonated for trunking operation. TAT50, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX). For noise adapter jack) that stores to the radio. TX500 (Requires BDN6676 (J.Smm adapter jack) that stores to the radio. TX500 (Requires BDN6676 - Intrinsically Safe (FM) Store VOX (ST 2000 requires BDN6676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. TX500 (Requires BDN6676 - Intrinsically Safe (FM)) D-SHELL RX-ONLY EARPIECE(3.5MM) D-SHELL RX-ONLY CLUE BELGEK QUICK DISCONNECT ACOUSTIC TUBE BELGEK QUICK DISCONNECT ACOUSTIC TUBE BELGEK QUICK DISCONNECT ACOUSTIC TUBE BELACK RUBBER EARTIP/ACOUSTIC TUBE BELGEK QUICK DISCONNECT ACOUSTIC TUBE BELGEK QUICK DISCONNECT ACOUSTIC TUBE BELGEK QUICK DISCONNECT ACOUSTIC TUBE BELGEK RUBBER EARTIP/ACOUSTIC RUBBER EARDINGNEN RUBBER EARTIP/ACOUSTIC RUBBER EARDINGNEN RUBBER EARTIP/ACOUSTIC RUBBER EARDINGNEN RUBBER EARTIP | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049 | 742 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00 \$225.00 |
| Pescription RecErVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved With COPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 do. Requires Interface Module. "1730, HT1250 & PR1500 - Intrinsically Safe (FM) Not: VOX1 is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "1730 000 str31 source SDN8676 (SIMm adapte inpaties) that attaches to the radio. "2000 & XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 TRUE SDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 TRUE SDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 TRUE SDN8766." "XT3 000 XT3 2500 XT3 2500 (XT3 000/S000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC ACOUST | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049 RMN5049 | 742 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00 \$225.00 \$340.00 Price \$88.50 |
| Pescription RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE Use Waproved RECOPPONDE FOR STANDARD NOISE LEVELS, BLACK Segment to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PT or VOX). For noise levels up to 95 do. Requires Interface Module. TYT70, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX). For noise upersonated for trunking operation. TAT50, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX). For noise adapter jack) that stores to the radio. TX500 (Requires BDN6676 (J.Smm adapter jack) that stores to the radio. TX500 (Requires BDN6676 - Intrinsically Safe (FM) Store VOX (ST 2000 requires BDN6676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. TX500 (Requires BDN6676 - Intrinsically Safe (FM)) D-SHELL RX-ONLY EARPIECE(3.5MM) D-SHELL RX-ONLY CLUE BELGEK QUICK DISCONNECT ACOUSTIC TUBE BELGEK QUICK DISCONNECT ACOUSTIC TUBE BELGEK QUICK DISCONNECT ACOUSTIC TUBE BELACK RUBBER EARTIP/ACOUSTIC TUBE BELGEK QUICK DISCONNECT ACOUSTIC TUBE BELGEK QUICK DISCONNECT ACOUSTIC TUBE BELGEK QUICK DISCONNECT ACOUSTIC TUBE BELGEK RUBBER EARTIP/ACOUSTIC RUBBER EARDINGNEN RUBBER EARTIP/ACOUSTIC RUBBER EARDINGNEN RUBBER EARTIP/ACOUSTIC RUBBER EARDINGNEN RUBBER EARTIP | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature RMN4049 RMN5049 Nomenclature | 742 744 744 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00 \$225.00 \$340.00 Price |
| Performance of the second process of the sec | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049 RMN5049 Nomenclature PMMN4038A | 742 744 744 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00 \$225.00 \$340.00 Price \$88.50 |
| Pescription RecErVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved With COPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 do. Requires Interface Module. "1730, HT1250 & PR1500 - Intrinsically Safe (FM) Not: VOX1 is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "1730 000 str31 source SDN8676 (SIMm adapte inpaties) that attaches to the radio. "2000 & XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 requires BDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 TRUE SDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 TRUE SDN8676 - Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. "XT3 000 XT3 2500 TRUE SDN8766." "XT3 000 XT3 2500 XT3 2500 (XT3 000/S000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC ACOUST | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049 RMN5049 Nomenclature PMMN4038A | 742 744 744 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00 \$225.00 \$340.00 Price \$88.50 |
| Performance of the second process of the sec | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049 RMN5049 Nomenclature PMMN4038A | 742 744 744 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00 \$225.00 \$340.00 Price \$88.50 |
| Person Provided Provi | AARLN4885 BDN6677 BDN6781 PMLN4620A PMLN5464 RLN6230A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature NMN6259 RMN4049 RMN5049 Nomenclature PMMN4038A RMN5038 | 742 742 742 742 742 742 742 742 742 742 | \$25.00 \$198.00 \$27.00 \$395.00 \$32.00 \$20.00 \$7.90 \$43.00 Price \$425.00 \$225.00 \$340.00 Price \$88.50 \$120.00 |

Public Safety Microphone(s)

| Description | Nomenclature | APC | Price |
|---|----------------------------|----------------|----------------------|
| PSM STRAIGHT CABLE 30IN | RMN5072B | 372 | \$160.00 |
| PSM STRAIGHT CABLE 24IN PSM STRAIGHT CABLE 18IN | RMN5073B RMN5074B | 372 372 | \$160.00 \$160.00 |
| | | 012 | φ100.00 |
| Service | | | |
| Description HOUSING ELIMINATOR, XTS 2500, XTS 1500 | Nomenclature 8180384M37 | APC 261 | Price \$500.00 |
| BATTERY ELIMINATOR CABLE | AA0180305G54 | 261 | \$127.00 |
| • • • • | | | |
| Surveillance | Nomenclature | APC | Price |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) | BDN6664 | 742 | \$40.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 5000, eXTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is | | | • |
| not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) | BDN6665 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | • |
| *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. | | | |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | |
| EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. | BDN6666 | 742 | \$53.00 |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is | | | |
| not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved EARPIECE WITH MICROPHONE & PTT COMBINED - BEIGE (2 WIRE) | BDN6667 | 742 | \$114.00 |
| 2-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. | BDN0007 | 142 | φ11 4 .00 |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 2500, XTS 5000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. | | | |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE WITH MICROPHONE & PTT SEPARATE - BEIGE (3 WIRE) | BDN6668 | 742 | \$135.00 |
| 3-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. 11/11/000_1770.2009.8.707.0000.8.707.0000.00000000000000 | | | |
| *HT1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. * EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved. | RDN6660 | 740 | ¢110.00 |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BEIGE (2 WIRE) 2-Wire Receive-Only Surveillance Kit with Extra- | BDN6669 | 742 | \$118.00 |
| Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | |
| *HT1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved. | DDN6670 | 740 | ¢150.00 |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BEIGE (3 WIRE) 3-Wire Receive-Only Surveillance Kit with Extra- | BDN6670 | 742 | \$150.00 |
| Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *UT 1000. VT 2 500. #X 25 500 require BDN675 edaptor. If being used with Benetic Specific Microphene with 3 Emm audio ideator in | | | |
| *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved. EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BLACK (SINGLE WIRE) | BDN6726 | 742 | \$40.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. | BDIN0720 | 142 | φ40.00 |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 dapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BLACK (SINGLE WIRE) | BDN6728 | 742 | \$53.00 |
| 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Black, 3.5mm Threaded. | | | |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 3000 requires BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 requires new adapter. FM Approved. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE WITH MICROPHONE & PTT COMBINED - BLACK (2 WIRE) | BDN6729 | 742 | \$114.00 |
| 2-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. VTS 2000 VTS 2000 VTS 5000 VTS 5000 voice DBN6787 adapter is being under with Damate Coacker Manaphane with 2.5mm audio inclusion adapter in path VTS 2000 VTS 2000 VTS 5000 voice DBN6787 adapter is being under with Damate Coacker Manaphane with 2.5mm audio inclusion adapter in path VTS 2000 VTS 2000 VTS 5000 voice DBN6787 adapter is being under with Damate Coacker Manaphane with 2.5mm audio inclusion adapter in path VTS 2000 VTS 2000 VTS 5000 voice DBN6787 adapter is being under with Damate Coacker Manaphane with 2.5mm audio inclusion adapter in path VTS 2000 VTS 2000 VTS 5000 voice DBN6787 adapter in path voice DBN6787 voice DBN6787 voice DBN6787 voice DBN6787 voice DBN6787 VTS 2000 VTS 2000 VTS 5000 voice DBN6787 voice | | | |
| *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
| *PR1500 require BDN6676 adapter. FM Approved. | | 740 | ¢125 00 |
| EARPIECE WITH MICROPHONE & PTT SEPARATE - BLACK (3 WIRE) 3-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. | BDN6730 | 742 | \$135.00 |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000.& XTS 3000 require BDN676 adapter. | | | |
| *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS requires PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BLACK (2 WIRE) | BDN6731 | 742 | \$118.00 |
| 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. | | | |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | |

MT 1500 ACCESSORIES ONLY \backslash MT 1500 UHF ACCESSORIES ONLY

PMLN4940B

205

\$21.00

| *HT1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BLACK (3 WIRE) 3-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN676 adapter. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | BDN6732 | 742 | \$150.00 |
|---|---------------|-----|------------------------|
| UNDEFINED | | | |
| Description | Nomenclature | APC | Price |
| ABC LABEL REPLACEMENT KIT - GREEN | PMLN5159A | 140 | \$20.00 |
| ABC LABEL REPLACEMENT KIT - BLUE | PMLN5160A | 140 | \$20.00 |
| ABC LABEL REPLACEMENT KIT - YELLOW | PMLN5161A | 140 | \$20.00 |
| ABC LABEL REPLACEMENT KIT -COUGRAY | PMLN5162A | 140 | \$20.00 |
| ABC LABEL REPLACEMENT KIT - RED | PMLN5163A | 140 | \$20.00 |
| ADO LADEL NEI LAOLINENT NIT - NED | TIMENOTODA | 140 | ψ20.00 |
| Manual(s) | | | |
| Description | Nomenclature | APC | Price |
| PR1500/ASTRO BASIC SERVICE MANUAL | 6881094C09 | 205 | \$14.50 |
| PR1500, XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER | | 200 | \$ 1.100 |
| PR1500/ASTRO DETAILED SERVICE MANUAL | 6881094C10 | 205 | \$33.25 |
| PR1500, XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER | | | |
| MANUAL CD SERVICE ENGLISH XTS 1500, 2500, AND MT 1500 | 9985899D01 | 001 | \$11.00 |
| XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER | | | * ~~ = ~ |
| MANUAL CD SERVICE AND THEORY ENGLISH XTS 1500, 2500, AND MT 1500 XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER | 9985900D01 | 207 | \$33.50 |
| AT 32300, AT 31300, MIT 1500 DASIC SERVICE MANUAL PAPER | DMI NI 40 40D | 005 | 001 00 |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

XTS/MT1.5K,XTS2.5KM1,1.5,2,3CD UG B

MT 1500 Portable Series VHF Band Wide Area SmartZone® "Handie-Talkie™" Radio Trunked Radio Systems

MT 1500 Last Order Entry Date : October 31, 2014

MT 1500 Last Scheduled Ship Date: November 30, 2014

MT 1500 Notification of Intent to Cancel Memo

** Alternative product includes the APX Series **- <u>APX1000 (Available - December</u> 2014)

Special Note for United States - State & Local Markets only:

In accordance with FCC mandate, the MT 1500 VHF products operating on Part 90 frequencies will be restricted to 12.5kHz or narrower operations on Jan. 1, 2013

Ship Card

Features

All MT 1500 packaged models include the following hardware features:

- 1 Top Mounted Programmable Three Position Concentric Switch
- 3 Programmable Side Buttons Orange Emergency Button
- 16 Position Mode Rotary Select Switch
- On/Off Volume
- Low Battery Alert Tone
- Antenna (Bandsplit and Type Dependent on Band Option)
- Noise Reduction Software

- Weather Sealed Universal Connector
- Bi-Color LED Indicator
- Nickel Metal Hydride Battery
- Detachable Belt Clip
- Audio Gain Control
- 1 Year Warranty

General Information

The MT 1500 Portable is offered in model I only:

| Hardware Model Mod | | Alphanumeric Display Lines/Characters Per Line | | Navigation Pad | |
|--------------------|----|--|------|----------------|--|
| MT 1500 Model I | 48 | None | None | No | |

Operating Modes

MT 1500 Radio Model is capable of operation in two different voice communication modes:

3600 Analog Trunking
 MDC 1200 Analog Conventional

The MT 1500 Portable is capable of 48 modes when the programmable Concentric Top Mounted Switch is used for Zone Operation. The mode of operation is programmed on a channel-by-channel basis.

RELATIVE RADIATED RECEIVE SENSITIVITY

The relative radiated receive sensitivity test (formerly referred to as self-quieters) measures the sensitivity from 136.05MHz to 173.975MHz in 12.5kHz steps. The radio is set to 25kHz channel mode. These measurements were taken in a shielded environment so that degraded sensitivity at the discrete frequencies is known to be due to the radio's self-interference (as opposed to external interference.) The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios: 147.4450, 147.4475, 147.4450, 151.1975, 151.2000, 153.6000, 161.9975, 162.000, 162.0025, 165.9000, 165.9025, 167.9975, 168.000, 168.0025, 172.0220.

FM INFORMATION

http://ecat.comm.mot.com/ecat/pricebooks/dup/MT1500VHF.htm

The XTS 2500 portable radio when properly equipped with options H223 and Q393 are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, II, III, Groups C, D, E, F, G, T3C without encryption modules.

The XTS 2500 portable radio when properly equipped with options H223 and Q393 are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, Class II, Class III, Groups D ,F, G, T3C with encryption modules.

Ordering Requirements

Ordering procedure is as follows:

| 1 | H67KDC9PW5 N | MT 1500 Portable |
|----|--------------|------------------|
| 1A | Qxxx | System Software |
| 1B | etc | |

Order the MT 1500 Portable Series as the main line item (H67KDC9PW5 N).
 Each hardware model MUST be ordered with one Operating Mode. One Operating Mode Package MUST be ordered for each radio unit ordered. Choose between 3600 Trunking or MDC 1200 Analog Conventional.

| RADIO WIDE FEATURES | |
|--|--|
| Maximum Modes | |
| MT 1500 Model 1 | 48 |
| Analog Operation | Yes |
| 12.5/20/25 KHz Programmable Channels | Yes |
| Secure Capable | No |
| One Touch Operation | No |
| Real Time Clock | No |
| Surveillance Mode | No |
| Keypad Lock | No |
| Radio Lock | Yes |
| Smart Battery (NiCAD Only) | Future |
| Radio Wide Transmit Inhibit | No |
| Time Out Timer | Yes |
| FLASHport® | No |
| ANALOG CONVENTIONAL FEATURES | |
| Conventional Features are additional radio wide features beyond those specified above. | |
| CSQ/PL/DPL | Yes |
| Dual Priority Channel Scan | No |
| Adaptive Power Control | Yes |
| Repeater/Talkaround Operation | Yes |
| Scan (Auto, Pre-programmed, Operator Selectable) | Yes |
| Smart PTT | Yes |
| Monitor | Yes |
| DTMF Tone Generation | N/A |
| MDC-1200 Emergency Call | Yes |
| MDC-1200 Silent Emergency Alarm | Yes |
| MDC-1200 PTT-ID Encode | Yes |
| MDC Repeater Access | Yes |
| MDC Request to Talk | Yes |
| MDC Status, Status Request, Message | Yes |
| 3600 TRUNKING FEATURES | |
| Maximum Number of Trunked Systems - 48 | Yes |
| Talkgroup Calls | Yes |
| PTT ID (Digital Only) | Model I - Encode Only Model 1.5 - Encode and Decode |
| Call Alert™ Decode Only | Yes |
| Dual Mode Scan | Yes |
| Failsoft by Talkgroup | Yes |
| Telephone Interconnect Encode/Decode | No |
| System Wide Call (Receive Only) | Yes |
| Selective Radio Inhibit | Yes |

| Priority Scan | Yes |
|---|--------|
| Dynamic Regrouping | Yes |
| Status/Message | No |
| Private/Enhanced Conversation (Decode only) | Yes |
| Radio Check | Future |
| Remote Monitor/Radio Trace | No |
| Reprogram Request | No |
| TRUNKING FEATURES | |
| Voice on Control | Future |
| SmartZone Automatic Site Registration | Yes |
| SmartZone RSSI Operation | Yes |
| SmartZone Preferred Site | Yes |
| SmartZone Forced Site Search | Yes |
| SmartZone Site Lock/Unlock | Yes |
| SmartZone Adjacent Control Channel OSW | Yes |
| Emergency Alarm Call Receive Indication | Yes |

FCC Information

| Band/Model | Power Output | Transmitter Type Acceptance | | Emissions | Applicable Rules |
|-------------------------|--------------|--------------------------------|------------|--|---------------------|
| VHF (138-174 MHz) | 1 to 5 Watts | AZ489FT3807 | 15K0F1D, 1 | 1K0F2D, 11K0F1D, 15K0F2D, 16K0F3E, 20K0F1D, 8K10F1E, 8K10FID | 22, 74, 90 |
| | | | | SUB-BAND PERFORMANCE | 1 |

VHF 138-174 MHz in all models

MT 1500 Catalog Sheet

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

| Models | | | |
|--|--------------|-----|----------|
| Description | Nomenclature | APC | Price |
| Options | | | |
| Accessories | | | |
| Antenna | | | |
| Description | Nomenclature | APC | Price |
| ANTENNA, 136-174MHZ WIDEBAND DIPOLE | NAD6563 | 476 | \$24.00 |
| ANTENNA, 136-150.8MHZ WIDEBAND HELICAL | NAD6566 | 476 | \$16.50 |
| ANTENNA, 150.8-162MHZ WIDEBAND HELICAL | NAD6567 | 476 | \$16.50 |
| ANTENNA, 162-178MHZ WIDEBAND HELICAL | NAD6568 | 476 | \$16.50 |
| Battery | | | |
| Description | Nomenclature | APC | Price |
| IMPRES NIMH, 2000 MAH, 7.5V BATTERY-INTRINS SAFE (FM) - RUGGEDIZED | NNTN6263 | 453 | \$137.00 |
| IMPRES NIMH, 2000 MAH, 7.5V BATTERY - INTRINS SAFE (FM) | NTN9857C | 453 | \$132.00 |
| IMPRESS NIMH, 2100 MAH, 7.5V BATTERY | NTN9858C | 453 | \$112.00 |
| Belt Clip(s) | | | |
| Description | Nomenclature | APC | Price |
| BELT CLIP 2 1/4" | HLN6853 | 271 | \$11.50 |

| Cable(s) | | | |
|---|--|---------------------------------|--|
| Description CABLE- PROGRAMMING USB | Nomenclature RKN4105 | APC 261 | Price \$237.00 |
| DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. CABLE- PROGRAMMING, RS232 This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. | RKN4106 | 261 | \$251.00 |
| | | | |
| Carrying Case(s) Description LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP | Nomenclature NNTN4115 | APC 271 | Price \$60.00 |
| Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP | NNTN4116 | 271 | \$60.00 |
| Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. LEATHER CASE W/SNAP BELT LOOP & T-STRAP | NNTN4117 | 271 | \$60.00 |
| Includes snap belt loop and t-strap. For NiCad or NiMH. LEATHER T-STRAP, PLAIN ACTION SNAP LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | NTN8383 NTN8384 | 476 476 | \$10.50 \$10.50 |
| Charger | | | |
| Description WALL MOUNT KIT FOR IMPRES MULTI-UNIT CHARGER Wall Mount Bracket for IMPRES Multi-Unit Charger | Nomenclature NLN7967 | APC 476 | Price \$21.00 |
| CHARGER, 110 VOLT, US PLUG CHARGER, IMPRES RAPID RATE, 110V US PLUG Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, HT, and Saber batteries. (WPLN4114AR, & USA 3004209T03 Cord) | NTN1667 NTN1873 | 476 476 | \$100.00 \$165.00 |
| IMPRES SINGLE-UNIT CHARGER, 220 VOLT, EURO PLUG | WPLN4112BR | 785 | \$165.00 |
| Earpieces | | | |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved | Nomenclature AARLN4885 | APC 742 | Price \$25.00 |
| EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT1250 & PR1500 - Intrinsically Safe (FM) | BDN6677 | 742 | \$198.00 |
| Note: VOX is not recommended for trunking operation. EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). | BDN6780 | 742 | \$67.00 |
| EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | BDN6781 | 742 | \$27.00 |
| *XTS 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. *PR1500 - requires BDN6676 - Intrinsically Safe (FM)) D-SHELL RX-ONLY EARPIECE(3.5MM) | PMLN4620A | 742 | \$19.00 |
| BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) | PMLN5464 | 742 | \$395.00 |
| EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BEIGE | RLN6230A RLN6241A | 742 742 | \$32.00 \$20.00 |
| QUICK DISCONNECT ACOUSTIC TUBE | RLN6242A | 742 | \$7.90 |
| EAR RCVR W/COIL CBL&3.5MM PLUG | WADN4190B | 742 | \$43.00 |
| Headsets | Nomeneleture | APC | Price |
| Description MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT-NRR=24DB-INTRIN (FM) | Nomenclature NMN6258 | 742 | \$389.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET,BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) | NMN6259 | 742 | \$425.00 |
| Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT. | RMN4049 | 742 | \$225.00 |
| RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT | RMN5049 | 742 | \$340.00 |
| Microphones | | | |
| Description REMOTE SPEAKER MICROPHONE, IP57 RSM W/MAN DOWN BUTTON | Nomenclature PMMN4038A RMN5038 | APC 372 372 | Price \$88.50 \$120.00 |
| Multi Unit Chargers | | | |
| Description IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY | Nomenclature WPLN4108 R | APC 785 | Price \$788.00 |
| Public Safety Microphone(s) | | | |
| Description PSM STRAIGHT CABLE 30IN PSM STRAIGHT CABLE 24IN PSM STRAIGHT CABLE 18IN | Nomenclature RMN5072B RMN5073B RMN5074B | APC 372 372 372 | Price \$160.00 \$160.00 \$160.00 |
| | | | |

| Service | | | |
|--|--|---------------------------------|---|
| Description HOUSING ELIMINATOR, XTS 2500, XTS 1500 BATTERY ELIMINATOR CABLE | Nomenclature 8180384M37 AA0180305G54 | APC 261 261 | Price \$500.00 \$127.00 |
| Surveillance | | | |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. | Nomenclature BDN6664 | APC 742 | Price \$40.00 |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. | BDN6665 | 742 | \$42.00 |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. | BDN6666 | 742 | \$53.00 |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE WITH MICROPHONE & PTT COMBINED - BEIGE (2 WIRE) 2-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. | BDN6667 | 742 | \$114.00 |
| ¹²EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. ¹²FX500 requires BDN6676 adapter. FM Approved. EARPIECE WITH MICROPHONE & PTT SEPARATE - BEIGE (3 WIRE) ³-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded [*]APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. [*]1T1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. | BDN6668 | 742 | \$135.00 |
| * EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. * PR1500 requires BDN6676 adapter. FM Approved. EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BEIGE (2 WIRE) 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Beige, 3.5mm Threaded. * APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. * 11000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. | BDN6669 | 742 | \$118.00 |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BEIGE (3 WIRE) 3-Wire Receive-Only Surveillance kit with Extra- Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. | BDN6670 | 742 | \$150.00 |
| PR1500 requires BDN6676 adapter. FM Approved. EARD VIEW Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & KXTS 5000 require new adaptor. FM Approved. *EX500 X Ex600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | BDN6726 | 742 | \$40.00 |
| UNDEFINED | | | |
| Description ABC LABEL REPLACEMENT KIT - GREEN ABC LABEL REPLACEMENT KIT - BLUE ABC LABEL REPLACEMENT KIT - YELLOW ABC LABEL REPLACEMENT KIT - YELLOW | Nomenclature PMLN5159A PMLN5160A PMLN5161A PMLN5162A | APC 140 140 140 | Price \$20.00 \$20.00 \$20.00 |

ABC LABEL REPLACEMENT KIT - YELLOW ABC LABEL REPLACEMENT KIT -COOLGRAY ABC LABEL REPLACEMENT KIT - RED

Description XTS/MT1.5K,XTS2.5KM1,1.5,2,3CD UG B

| | Nomenclature PMLN4940B | APC 205 | |
|-----------|---------------------------|-------------------|--|
| Manual(s) | | | |
| | PMLN5163A | 140 | |
| | PMLN5162A | 140 | |
| | | | |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

\$20.00

\$20.00

Price

\$21.00

MT 1500 Portable Series 800_MHz Band Wide Area SmartZone® "Handie-Talkie™" Radio Trunked Radio Systems

MT 1500 Last Order Entry Date : October 31, 2014

MT 1500 Last Scheduled Ship Date: November 30, 2014

MT 1500 Notification of Intent to Cancel Memo

** Alternative product includes the APX Series **- <u>APX1000 (Available - August 2014)</u>

| | ~ . |
|-----|----------|
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| | |

Features

All MT 1500 packaged models include the following hardware features:

1 Top Mounted Programmable Three Position Concentric Switch

- Weather Sealed Universal Connector
 - Bi-Color LED Indicator
 - Nickel Metal Hydride Battery

• 3 Programmable Side Buttons

16 Position Mode Rotary Select Switch

Antenna (Bandsplit and Type Dependent on Band Option)

Orange Emergency Button

• Low Battery Alert Tone

Noise Reduction Software

On/Off Volume

- Detachable Belt Clip
- Audio Gain Control
- 1 Year Warranty

General Information

The MT 1500 Portable is offered in model I only:

| Hardware Model | | Alphanumeric Display Lines/Characters Per Line | | Navigation Pad |
|-----------------|----|--|------|----------------|
| MT 1500 Model I | 48 | None | None | No |

Operating Modes

MT 1500 Radio Model is capable of operation in two different voice communication modes:

• 3600 Analog Trunking • MDC 1200 Analog Conventional

The MT 1500 Portable is capable of 48 modes when the programmable Concentric Top Mounted Switch is used for Zone Operation. The mode of operation is programmed on a channel-by-channel basis.

There are no maximum frequency separation conditions that must be adhered to on the MT 1500 Portable Radio Series. Separation of frequencies can be as wide as the allowable sub-band per radio model with no degradation of any performance specifications. Mutual Aid channels 821-824 will be supported. If an incorrect antenna is used, degraded performance may be experienced. RELATIVE RADIATED RECEIVE SENSITIVITY

The relative radiated receive sensitivity test (formerly referred to as self-quieters) measure the sensitivity from 764MHz to 870Mhz in 12.5kHz steps. The radio is set to 25kHz channel mode. These measurements were taken in a shielded environment so that degraded sensitivity at discrete frequencies is known to be due to the radio's self-interference (as opposed to external interference.) The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios: 856.3375, 857.7000, 860.7000, 862.2000, 863.7000, 867.3000, 864.0000.

FM INFORMATION

The XTS 2500 portable radio when properly equipped with options H223 and Q393 are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, II, III, Groups C, D, E, F, G, T3C without encryption modules.

The XTS 2500 portable radio when properly equipped with options H223 and Q393 are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class II, Class II, Class III, Groups D, F, G, T3C with encryption modules.

Ordering Requirements

Ordering procedure is as follows:

Order the MT 1500 Portable Series as the main line item (H67UCC9PW5 N).

http://ecat.comm.mot.com/ecat/pricebooks/dup/MT150078.htm

2/16/2015

| Maximum Modes | |
|--|---|
| MT 1500 Model 1 | 48 |
| Analog Operation | Yes |
| 12.5/20/25 KHz Programmable Channels | Yes |
| Secure Capable | No |
| One Touch Operation | No |
| Real Time Clock | No |
| Surveillance Mode | No |
| Keypad Lock | No |
| Radio Lock | Yes |
| Smart Battery (NiCAD Only) | Future |
| Radio Wide Transmit Inhibit | No |
| Time Out Timer | Yes |
| FLASHport® | No |
| ANALOG CONVENTIONAL FEATURES | |
| Conventional Features are additional radio wide features beyond those specified above. | |
| CSQ/PL/DPL | Yes |
| Dual Priority Channel Scan | No |
| Adaptive Power Control | Yes |
| Repeater/Talkaround Operation | Yes |
| Scan (Auto, Pre-programmed, Operator Selectable) | Yes |
| Smart PTT | Yes |
| Monitor | Yes |
| DTMF Tone Generation | N/A |
| MDC-1200 Emergency Call | Yes |
| MDC-1200 Silent Emergency Alarm | Yes |
| MDC-1200 PTT-ID Encode | Yes |
| MDC Repeater Access | Yes |
| MDC Request to Talk (RTT) | Yes |
| MDC Status, Status Request. Message | Yes |
| 3600 Trunking Features | |
| Maximum Number of Trunked Systems - 48 | Yes |
| Talkgroup Calls | Yes |
| PTT ID (Digital Only) | Model I - Encode Only Model 1.5 - Encode and Decod |
| Call Alert Decode Only | Yes |
| Dual Mode Scan | Yes |
| Failsoft by Talkgroup | Yes |
| Telephone Interconnect Encode/Decode | No |
| System Wide Call (Receive Only) | Yes |
| Selective Radio Inhibit | Yes |
| Priority Scan | Yes |
| Dynamic Regrouping | Yes |
| Status/Message | No |

| Private/Enhanced Conversation (Decode only) | Yes |
|---|--------|
| Radio Check | Future |
| Remote Monitor/Radio Trace | No |
| Reprogram Request | No |
| Trunking Features | |
| Voice on Control | Future |
| SmartZone® Automatic Site Registration | Yes |
| SmartZone® RSSI Operation | Yes |
| SmartZone® Preferred Site | Yes |
| SmartZone® Forced Site Search | Yes |
| SmartZone® Site Lock/Unlock | Yes |
| SmartZone® Adjacent Control Channel OSW | Yes |
| Emergency Alarm Call Receive Indication | Yes |

FCC INFORMATION

| Band/Model | Power Output | Transmitter Type Acceptance | Emissions | Applicable Rules |
|--------------------------------------|----------------------|--------------------------------|--|---------------------|
| 800 MHz (806- 870) | 1 to 3 Watts | | 11K0F3E, 11K0F2D, 11K0F1D, 15K0F1D, 15K0F2D, 16K0F3E, 20K0F1E, 20K0F1D, 8K10F1E, 8K10FID | |
| | SUB-BAND PERFORMANCE | | | |
| 800 806-870 MHz in MHz all models | | | | |

REBANDING Frequency Range for 700/800MHz in the CPS:

700 MHz: Rx/Tx: 764.006250 to 775.993750 Tx Only: 794.006250 to 805.993750

800 MHz Tx Only: 806.000000 to 824.993750 Rx/Tx: 851.000000 to 869.993750

MT 1500 Catalog Sheet

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

| Models | | | |
|--|--|---------------------------------|--|
| Description | Nomenclature | APC | Price |
| Options | | | |
| Accessories | | | |
| Battery | | | |
| Description IMPRES NIMH, 2000 MAH, 7.5V BATTERY-INTRINS SAFE (FM) - RUGGEDIZED IMPRES NIMH, 2000 MAH, 7.5V BATTERY - INTRINS SAFE (FM) IMPRESS NIMH, 2100 MAH, 7.5V BATTERY | Nomenclature NNTN6263 NTN9857C NTN9858C | APC 453 453 453 | Price \$137.00 \$132.00 \$112.00 |
| Carrying Case(s) | | | |
| Description LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. | Nomenclature NNTN4115 | APC 271 | Price \$60.00 |
| LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP | NNTN4116 | 271 | \$60.00 |
| Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. LEATHER CASE W/SNAP BELT LOOP & T-STRAP Includes snap belt loop and t-strap. For NiCad or NiMH. | NNTN4117 | 271 | \$60.00 |
| LEATHER T-STRAP, PLAIN ACTION SNAP LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | NTN8383 NTN8384 | 476 476 | \$10.50 \$10.50 |
| Charger | | | |
| Description IMPRES SINGLE-UNIT CHARGER, 220 VOLT, EURO PLUG | Nomenclature WPLN4112BR | APC 785 | Price \$165.00 |
| Earpieces | | | |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE | Nomenclature AARLN4885 | APC 742 | Price \$25.00 |
| UL Approved D-SHELL RX-ONLY EARPIECE(3.5MM) | PMLN4620A | 742 | \$19.00 |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

http://ecat.comm.mot.com/ecat/pricebooks/dup/MT150078.htm







Features

Motorola has partnered up with TRX Systems to provide an Indoor Location system compatible with the Motorola P25 APX Radios.

Real-time Location of Personnel

Easy to monitor interface showing real-time 2D and 3D location of all personnel

Precise Detail on Personnel Movement and Activity

Clear views of personnel activity (walking, crawling) and status (moving, motionless, high impact)

Effective After-Action Review

Location & status logging for all personnel supporting training and after action reviews

Portable and Rapidly Deployed

Rapid on-scene configuration includes easy building rendering and optional anchor deployment

The TRX NEON Indoor Location System locates and tracks personnel operating indoors where GPS is unavailable and in urban areas where GPS is unreliable. Wearing NEON Tracking Units, personnel can be located and tracked real time in both 2D and 3D.

NEON fuses gyroscope, accelerometer, pressure, compass, Wi-Fi, and ranging sensor information along with inferred map and building data to deliver reliable GPS-denied location. Rapidly deployable Multi-Sensor Anchor Nodes and floor plan information may be used in fixed site applications to enhance precision. Anchor Nodes do not require networking and they can be added during operations.

The NEON Navigation Engine is available as part of the NEON Indoor Location System and may be licensed for integration with third party sensor platforms.

Enhanced Tracking Performance

NEON sensor fusion and mapping algorithms deliver accurate location within buildings even where ranging, inertial, magnetic and pressure sensors can provide erroneous measurements due to interference from building infrastructure or from sensor drift. TRX's algorithms are unique in that they maintain 'visual accuracy' (or path shape). Path shape is important for generating routing maps and for conveying information for retrieval of distressed personnel using their path. Operating without GPS coverage, NEON provides differential location (position relative to a starting point) in real time. Starting point initialization can be obtained via GPS, NEON Multi- Sensor Anchors, manually entered position, waypoint selection, and Near-Field Communication Check-Ins. Overall location accuracy is affected by accuracy of the start location, sensor integrity, map information, and number of personnel tracked. For fixed sites, location integrity can be enhanced with entry of floor plan features and use of portable Multi- Sensor Anchor Nodes.

NEON Use Cases

- Tactical Training: police, military, fire
- VIP Security
- Hazardous Material (CBRN) Responders
- Crime Scene Forensics
- Search & Rescue
- Underground tracking

Product Information

NEON uses unique APX Bluetooth pairing as well as APX data capabilities to transmit location information back to command center, and stores personnel location data to support after action review for training applications.

· Encouraging use for training purposes only at this time

- Simplex Conventional digital only
- Requires a dedicated data channel on digital/conventional mode (TRX data transfer to APX)

Simultaneous tracking for up to 4-6 users

System Components

Motorola APX Portable - Conventional mode, supporting Bluetooth MPP pairing, integrated voice and data options.

- TRX Tracking Unit (4.7"L, 2.7"H, 1.1"D). Waist worn, battery life >8 hours
 Multi-sensor Anchor: (4.7"L, 2.7"H, 1.1"D), battery life >8 hours
 Recommend minimum four (4) anchors per deployment for initialization (includes 1 at command station).
 Thereafter, up to one (1) anchor approximately every 400 Sq. meters preferably at choke points (doorways, stairwells, elevators).
 Command Station Lap top with NEON software; Intel i7 Processor, 8GB RAM, SSD, NVIDIA Graphics, Windows 7 (requires Internet connection)
 Mobile Charging Case; space for 12 Tracking Unit (4 proper Nodes; unit charging components; space for lap top and accessories)
- Mobile Charging Case: space for 12 Tracking Units / Anchor Nodes, unit charging components, space for lap top and accessories

Note: 1 APX Portable required per NEON Tracking Unit and 1 APX Portable or Mobile required per Command Station including programming (USB /GCAI) cable

| Accuracy | | |
|------------|-----------|--|
| Real-time: | < 7 meter | |
| Real-time: | < 1 meter | |

Latency (Data Only)

| One User: | < 4 seconds |
|--------------|-------------|
| Three Users: | < 14 |
| | seconds |
| Five Users: | < 22 |
| | seconds |

Scalability

| 5 per | Command Station |
|-------|-----------------------|
| Up to | o two hours (typical) |
| Impa | cted by voice |
| comr | nunications, |
| num | ber of users |
| | |

Neon Screenshot



Deployment and Charging Case



Tracking Unit with Belt



SYSTEM SET UP

Both the APX radio and TRX tracking unit are equipped with Bluetooth HW and Motorola Mission Critical Wireless Technology for secure pairing.

http://ecat.comm.mot.com/ecat/pricebooks/dup/TRXINDLOC.htm

System Set up:

- Laptop loaded with TRX Neon software (Command Station)
- Command Station Tracking unit Base Reference Tracking unit connected to Command Station Laptop via USB
- APX Gateway Radio APX Radio connected to Command Station Laptop via USB/GCAI Cable
- Anchor Nodes 1 recomended every 400 sq meters
- APX radio Bluetooth paired with body worn Tracking Unit

Computer Requirements: Lap Top required, minimum specs include: Intel i5 Processor, 8GB RAM, 7200 RPM HDD, NVIDIA Graphics, Windows 7

Note: 1 APX Portable required per NEON Tracking Unit and 1 APX Portable or Mobile required per Command Station including programming (USB /GCAI) cable

ADDITIONAL LITERATURE & VIDEOS

Literature:

TRX Data Sheet

TRX Brochure

Videos:

Motorola APX Indoor Location for Law Enforcement

Motorola APX Indoor Location for Firefighters

| BUNDLE | | | | |
|---|---------------------------------|-------------------|-----------------------------|--|
| Description TRX STARTER SYSTEM BUNDLE • Bundle Includes: NEON Software 4 trackers 8 Anchor nodes Deployment and re-charge case 1 year maintenance 1 day installation/support/training NEON Multi-Sensor Anchor Nodes | Nomenclature DDN2025 | APC 571 | Pric \$42,900.0 | |
| ŀ | IARDWARE | | | |
| Description NEON Waist-Mounted Tracking Unit Waist worn Tracking units. Equipped with Gyroscope, Accelerometer, Altim Compass, Light Sensor, Time of Flight (TOF) RF Ranging | Nomenclature DDN2027 ete, | APC 571 | Pric \$2,000.0 | |
| NEON Multi-Sensor Anchor Nodes Anchor Nodes enable delivery of higher reliability and precision tracking wh possible to pre-install limited infrastructure in high priority and critical buildir | | 571 | \$2,000.0 | |
| Ę | SOFTWARE | | | |
| Description NEON Command Station, Required Per Tracking Unit Subscriber | Nomenclature DDN2026 | APC 571 | Price \$1,000.0 | |
| NEON Android-based Smartphone / Tablet Software for Location | DDN2029 | 571 | \$299.0 | |
| AC | CESSORIES | | | |
| Description Mobile Command Station Deployment & Recharge Case Case for Tracking Units / Anchor Nodes / Lap Top / Unit Charging components | Nomenclature DDN2030 | APC 571 | Pric (\$6,500.0) | |

SERVICE AND SUPPORT

System and Software Maintenance: 20% system cost per year Includes: latest software upgrades ; trouble shooting (email) 9:00 am to 5:00 pm EST for TRX specific issues

Installation / Support / Training: \$ 1,500.00 per day (Travel additional)

NOTES

TRX Hardware/Software License & Limitation of Liability, Standard Terms Apply
 Command Software must include a minimum of 2 Tracking Unit Licenses/Computer.
 Each Tracking Unit must have a corresponding Command Station Tracking License.
 Minimum 1 day Installation/Support/Training required per new system
 Lap Top required, minimum specs include: Intel i5 Processor, 8GB RAM, 7200 RPM HDD, NVIDIA Graphics, Windows 7
 System requires customer provided communications. Motorola APX radios (supporting MPP pairing, Bluetooth and data) have been fully tested by TRX.

ALL ITEMS ARE CERTIFIED FOR UNITED STATES USE ONLY

| Description | Nomenclature | APC | Price |
|--------------------------------------|--------------|-----|-------------|
| LOCATION SYSTEM, TRX NEON STARTER SY | DDN2025 | 571 | \$42,900.00 |
| SOFTWARE, TRX NEON COMMAND STATION S | DDN2026 | 571 | \$1,000.0 |
| LOCATION SYSTEM, TRX NEON TRACKING U | DDN2027 | 571 | \$2,000.00 |
| LOCATION SYSTEM, TRX NEON MULTI-SENS | DDN2028 | 571 | \$2,000.00 |
| SOFTWARE, TRX NEON TRACKER MOBILE VI | DDN2029 | 571 | \$299.00 |
| LOCATION SYSTEM, TRX PORTABLE DEPLOY | DDN2030 | 571 | \$6,500.00 |

Options

Accessories

Data Compiled 16-Feb-2015 using DUP and all prices in USD

ASTRO® Digital XTS 1500 Portable Series UHF Range 1 and UHF Range 2 Wide Area SmartZone® "Handie-Talkie™" Radio Trunked Radio Systems



XTS 1500 Last Order Entry Date : October 31, 2014

XTS 1500 Last Scheduled Ship Date: November 30, 2014

XTS 1500 Notification of Intent to Cancel Memo

** Alternative product includes the APX Series **- <u>APX1000 (Available - December 2014)</u>

Special Note for United States - State & Local Markets only:

In accordance with FCC mandate, the XTS 1500 UHF R1 & UHF R2 products operating on Part 90 frequencies will be restricted to 12.5kHz or narrower operations on Jan. 1, 2013

****Please note that NEW version of Customer Programming Software (CPS) (Part # RVN4181/ RVN4186) is required for initial customer orders for XTS radios. ****

Ship Card

Features

All ASTRO Digital XTS 1500 packaged models include the following hardware features:

Weather Sealed Universal Connector

• 1 Top Mounted Programmable Three Position Concentric Switch

- 3 Programmable Side Buttons
- Orange Emergency Button
- 16 Position Mode Rotary Select Switch
- On/Off Volume
- Low Battery Alert Tone

- Bi-Color LED IndicatorIMPRES Nickel Metal Hydride Battery (NTN9858)
- Detachable Belt Clip
- Antenna (Bandsplit and Type Dependent on Band Option)
 ASTRO 25
- Noise Reduction Software

-) ASTRO 25
- Audio Gain Control

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS1500UHF.htm

All ASTRO Digital XTS 1500 Portables are part of the FLASHport program and ship standard with a FLASH EE Prom, which allows for feature and system upgrades (contingent upon remaining within the same RF deck.)

General Information

The ASTRO Digital XTS 1500 Portable Line offers a Model I radio:

| Hardware Model | Modes | Alphanumeric Display Lines/Characters Per Line | | Navigation Pad |
|--------------------------|-------|--|------|----------------|
| ASTRO XTS 1500 Model I | 48 | None | None | No |
| ASTRO XTS 1500 Model 1.5 | 256 | 4 lines/12 characters | None | No |

Operating Modes

ASTRO Digital XTS 1500 Radio Model is capable of operating in three software packages listed below:

- 3.6KB ASTRO Digital/Analog Trunking
- 9.6KB ASTRO 25 Digital Trunking
- 9.6KB APCO P25 Digital Conventional

The ASTRO Digital XTS 1500 Portables are capable of 16 modes when the programmable Concentric Top Mounted Switch is used for Zone Operation. The mode of operation is programmed on a channel-by-channel basis.

Please note that the XTS 1500 does NOT support FRED.

CHANNEL SPACING

There are no maximum frequency separation conditions that must be adhered to on the ASTRO Digital XTS 1500 Portable Radio Series. Separation of frequencies can be as wide as the allowable sub-band per radio model with no degradation of any performance specifications.

The ASTRO Digital XTS 1500 portable can be upgraded electronically (via RS232 cable or USB cable are required for all software upgrades) in the field with new systems operation (contingent upon remaining within the same RF sub-band) by ordering upgrade kits.

RELATIVE RADIATED RECEIVE SENSITIVITY

The relative radiated receive sensitivity test (formerly referred to as self-quieters) measures the sensitivity from 380-520 MHz in 12.5kHz steps. The radio is set to 25kHz channel mode. These measurements were taken in a shielded environment so that degraded sensitivity at discrete frequencies is known to be due to the radio's self-interference (as opposed to external interference). The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios (secure and non-secure): 381.535 (secure), 386.400, 389.490 (secure), 393.195, 396.000, 396.300, 405.380 (secure), 413.330 (secure), 414.000, 415.500, 417.770, 420.000, 421.280 (secure), 426.600, 429.230 (secure), 432.000, 432.6125, 434.700, 436.800, 442.3438, 450.000, 453.600, 456.000, 460.800, 466.920, 468.000, 477.400, 474.000, 480.000, 487.200, 491.490, 492.000 (secure), 497.6950 (secure), 498.000, 502.200 (secure), 504.000, 512.400, 516.070, 517.440, 519.120

FM INFORMATION

The XTS 1500 portable radio when properly equipped with options H223 and Q393 are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, II, III, Groups C, D, E, F, G, T3C without encryption modules.

The XTS 1500 portable radio when properly equipped with options H223 and Q393 are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, Class II, Class III, Groups D, F, G, T3C with encryption modules.

Ordering Requirements

| Ordering procedure is as follows: | | | | |
|-----------------------------------|--------------|--------------------------------|--|--|
| 1 | H66QD_9PW5_N | ASTRO XTS 1500 Portable UHF R1 | | |
| 1 | H66SD_9PW5_N | ASTRO XTS 1500 Portable UHF R2 | | |
| 1A | Qxxx | System Software | | |
| 1B | etc | Other options | | |

1. Order the ASTRO Digital XTS 1500 Portable Series as the main line item (H66QDC9PW5 N or H66SDC9PW5 N).

2. Each hardware model MUST be ordered with one Operating Mode. One Operating Mode Package MUST be ordered for each radio unit ordered.

SOFTWARE FEATURES SUPPORTED BY Q574 Wide Area SmartZone / Q575 Wide Area SmartZone / Q443 Wide Area Analog SmartZone/ Q811 P25 Digital Conventional P25 Conventional "ASTRO Digital"(Q575) ASTRO Digital"(Q574) (Q811) Non-Project 25 Project 25 Project 25 (3600 Baud) (9600 Baud) Conventional RADIO WIDE FEATURES Maximum Modes ASTRO Digital XTS 1500 Model 1/1.5 48/256 48/256 48/256 Analog and Digital Operation Yes Yes Yes 12.5/20/25 KHz Programmable Channels Yes Yes Yes No Secure Capable No No One Touch Operation No No No Real Time Clock No No No Surveillance Mode No No No Keypad Lock No No No Radio Lock Yes Yes Yes Smart Battery Yes Yes Yes Radio Wide Transmit Inhibit No No No Time Out Timer Yes Yes Yes FI ASHport Yes Yes Yes ANALOG CONVENTIONAL FEATURES Conventional Features are additional radio wide features beyond those specified above. CSQ/PL/DPL Yes Yes Yes Adaptive Power Control Yes Yes Yes Dual Priority Channel Scan No No Yes Repeater/Talkaround Operation Yes Yes Yes Scan (Auto, Pre-programmed, Operator Selectable) Yes Yes Yes Smart PTT Yes Yes Yes Monitor Yes Yes Yes DTMF Tone Generation -2 -Adaptive Power Control Yes Yes Yes MDC-1200 Emergency Call Yes Yes Yes No MDC-1200 Silent Emergency Alarm No No MDC-1200 PTT-ID Encode Yes Yes Yes MDC Repeater Access Yes Yes Yes MDC Request to Talk (RTT) Yes Yes Yes MDC Status, Status Request, Message Yes Yes Yes DIGITAL CONVENTIONAL SIGNALING FEATURES These features are APCO Project 25 Conventional Interoperable Features when used in the ASTRO Digital CAI Mode (Q806). Unaddressed Voice Call Yes Yes Yes Talk Group Call Yes Yes Yes Group Call Alert™ Yes Yes Yes Talk Group Identification (TGID) Yes Yes Yes Selective Call (Individual Voice Call) Yes Yes Yes PTT ID (Individual Identification) Yes Yes Yes Call Alert Decode Yes Yes Yes Emergency Alarm w/Channel Revert & Ack. Yes Yes Yes Telephone Interconnect Decode Yes Yes Yes Selective Radio Inhibit Yes Yes Yes Radio Check Status/Message No No No

Choose between 9600 Trunking, 3600 Analog/ Digital Trunking, 3600 Analog only and P25 Conventional Operation.

| Trunking Type II Only Features | | | |
|---|---|---|---|
| Maximum Number of Trunked Systems-16 | Yes | Yes | No |
| Talkgroup Calls | Yes | Yes | No |
| PTT ID (Digital Only) | Model I - Encode only Model 1.5 - Encode and Decode | Model I - Encode only Model 1.5 - Encode and Decode | Model I - Encode only Model 1.5 - Encode and Decode |
| Call Alert Decode | Yes | Yes | No |
| Dual Mode Scan | Yes | No | No |
| Failsoft by Talkgroup | Yes | Yes | No |
| Telephone Interconnect Decode | Yes | Yes | No |
| System Wide Call (Receive Only) | Yes | No | No |
| Selective Radio Inhibit | Yes | Yes | No |
| Priority Monitor Scan | Yes | Yes | No |
| Dynamic Regrouping | Yes | Yes | No |
| Status/Message | No | No | No |
| Private/Enhanced Conversation Decode | Yes | Yes | No |
| Radio Check | No | No | No |
| Remote Monitor/Radio Trace | No | No | No |
| Reprogram Request | No | Yes | No |
| SmartZone® Trunking Type II Only Features | | | |
| Voice on Control | Future | Future | No |
| SmartZone Automatic Site Registration | Yes | Yes | No |
| SmartZone RSSI Operation | Yes | Yes | No |
| SmartZone Preferred Site | Yes | Yes | No |
| SmartZone Forced Site Search | Yes | Yes | No |
| SmartZone Site Lock/Unlock | Yes | Yes | No |
| SmartZone Adjacent Control Channel OSW | Yes | Yes | No |
| Emergency Alarm Call Receive Indication | Yes | Yes | No |

Legend: Blue=Feature to be added in a Future Release Green=New XTS 1500 Features

FCC Information

FCC IDENTIFIER: AZ489FT4865

Name of Grantee: Motorola Solutions, Inc.

Equipment Class: Licensed Non-Broadcast Transmitter Held to Face Notes: HAND HELD PORTABLE 2-WAY RADIO

| | | Frequency | Output | Frequency | Emission |
|-------------|----------------|---------------|--------|-----------|------------|
| Grant Notes | FCC Rule Parts | Range (MHZ) | Watts | Tolerance | Designator |
| BE | 90 | 380.0 - 470.0 | 5.9 | 2.0 PM | 16K0F3E |
| BE | 90 | 380.0 - 470.0 | 5.9 | 2.0 PM | 11K0F3E |
| BE | 90 | 380.0 - 470.0 | 5.9 | 2.0 PM | 8K10F1E |
| BE | 90 | 380.0 - 470.0 | 5.9 | 2.0 PM | 8K10F1D |
| BE | 90 | 380.0 - 470.0 | 5.9 | 2.0 PM | 20K0F1E |
| | | 4000 | | | |

FCC IDENTIFIER: AZ489FT4866

Name of Grantee: Motorola Solutions, Inc.

Equipment Class: Licensed Non-Broadcast Transmitter Held to Face HAND HELD PORTABLE 2-WAY R4ADIO Notes:

| | | Frequency | Output | Frequency | Emission |
|-------------|----------------|---------------|--------|-----------|------------|
| Grant Notes | FCC Rule Parts | Range (MHZ) | Watts | Tolerance | Designator |
| BE | 80, 90, 90.210 | 450.0 - 520.0 | 6.0 | 2.0 PM | 16K0F3E |
| BE | 80, 90, 90.210 | 450.0 - 450.0 | 6.0 | 2.0 PM | 11K0F3E |
| BE | 80, 90, 90.210 | 450.0 - 520.0 | 6.0 | 2.0 PM | 8K10F1E |
| BE | 80, 90, 90.210 | 450.0 - 520.0 | 6.0 | 2.0 PM | 8K10F1D |
| BE | 80, 90, 90.210 | 450.0 - 520.0 | 6.0 | 2.0 PM | 20K0F1E |

| SUB-BAND PERFORMANCE | | |
|----------------------|-------------|--|
| UHF R1 | 380-470 MHz | |
| UHF R2 | 450-520 MHz | |

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

ASTRO Digital XTS 1500 Catalog Sheet

ASTRO Advanced Messaging Solution (AMS)

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

ASTRO Advanced Messaging Solution will be available on XTS 1500 Front Display Portable radios.

Ordering ASTRO Advanced Messaging Solution for XTS 1500 Portable Requires:

- XTS 1500 Front Display
- ASTRO Digital CAI Operation (Q806)
- P25 Conventional (Q811)
- Packet Data Interface (Q947)
- OR
- XTS 1500 Front Display
- ASTRO Digital CAI Operation (Q806)
- ASTRO Project 25 Trunking Software (Q574)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Advanced Messaging Solution on the subscribers as the functionality is included in the Packet Data option. Also, the text messaging functionality carries a per-radio charge on the server side of \$50 (one time license fee to access messaging services) per radio. When adding query the fee is \$125 per radio. For additional ordering guidelines of the AMS feature which includes the server and radio license fees, please visit -

http://ecat.comm.mot.com/ecat/pricebooks/dup/MCCP.htm

| Models | | |
|--|---------------------------------|----------------------------|
| Description | Nomenclature APC | Price |
| Options | | |
| Accessories | | |
| Adapter | | |
| Description 3.5 MM JACK ADAPTER WITH QUICK DISCONNECT LATCH For use with 1, 2 & 3 wire earpiece. | Nomenclature APC BDN6676 742 | \$ Price \$52.50 |

| PSM RF ADPT | RLN5918 | 372 | \$36.00 |
|--|--|--|--|
| Antenna | | | |
| Description UHF HELICAL ANTENNA, 403-435 MHZ ANTENNA, 470-520MHZ UHF HELICAL | Nomenclature NAE6546 R NAE6548 | APC 796 402 | Price \$16.00 \$16.50 |
| Battery | | | |
| Description IMPRES NIMH, 2000 MAH, 7.5V BATTERY-INTRINS SAFE (FM) - RUGGEDIZED PREM BATT NICD 1525 MAH IMPRES NIMH, 2000 MAH, 7.5V BATTERY - INTRINS SAFE (FM) IMPRESS NIMH, 2100 MAH, 7.5V BATTERY | Nomenclature NNTN6263 NTN9815B NTN9857C NTN9858C | APC 453 453 453 453 | Price \$137.00 \$100.00 \$132.00 \$112.00 |
| Battery Maintenance Systems | | | |
| Description NA FLEET MANAGEMENT LICENSE KEY FLEET MANAGEMENT CHRGR INTERFACE UNIT Multi-Unit Charger Interface Unit, attaches to an APX or XTS IMPRES multi-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIU is required for IMPRES chargers that report data to IMPRES Battery Fleet Management. | Nomenclature HKVN4036A NNTN7677A | APC 785 291 | Price \$489.00 \$80.00 |
| Belt Clip(s) | | | |
| Description BELT CLIP 2 1/4" | Nomenclature HLN6853 | APC 271 | Price \$11.50 |
| Bluetooth, Mission Critical Wireless | | | |
| Description XTS BLUETOOTH ADAPTER | Nomenclature RMN5104A | APC 742 | Price \$179.00 |
| Carrying Case(s) | | | |
| Description LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. | Nomenclature NNTN4115 | APC 271 | Price \$60.00 |
| LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. | NNTN4116 | 271 | \$60.00 |
| LEATHER CASE W/SNAP BELT LOOP & T-STRAP Includes snap belt loop and t-strap. For NiCad or NiMH. | NNTN4117 | 271 | \$60.00 |
| LEATHER T-STRAP, PLAIN ACTION SNAP LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | NTN8383 NTN8384 | 476 476 | \$10.50 \$10.50 |
| Charger | | | |
| Description WALL MOUNT KIT FOR IMPRES MULTI-UNIT CHARGER Wall Mount Bracket for IMPRES Multi-Unit Charger | Nomenclature NLN7967 | APC 476 | Price \$21.00 |
| CHARGER, 110 VOLT, US PLUG VEHICULAR TRAVEL CHARGER Utilizes the cigarette lighter adapter. INCLUDES: mounting bracket, custom coil cord, and charger. Travel charger is best used and compatible with 2" belt clip. | NTN1667 RLN4884 | 476 785 | \$100.00 \$95.00 |
| IMPRES CHARGER IMPRES SINGLE-UNIT CHARGER, 220 VOLT, EURO PLUG | WPLN4111AR WPLN4112BR | 785 785 | \$165.00 \$165.00 |
| Commport Integrated Microphone/Receiver | | | |
| Description COMMPORT WITH PALM PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | Nomenclature NTN1624 | APC 115 | Price \$419.00 |
| COMMPORT WITH PTT ON RADIO ADAPTER CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1625 | 115 | \$419.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1736 | 115 | \$429.00 |
| Earpieces | | | |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved | Nomenclature AARLN4885 | APC 742 | Price \$25.00 |
| EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT750 + Intrinsically Safe (FM) | BDN6677 | 742 | \$198.00 |
| Note: VOX is not recommended for trunking operation. EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - | BDN6780 | 742 | \$67.00 |
| requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *XTS 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. | BDN6781 | 742 | \$27.00 |
| *PR1500 - requires BDN6676 - Intrinsically Safe (FM)) D-SHELL RX-ONLY EARPIECE(3.5MM) | PMLN4620A | 742 | \$19.00 |

| | PMLN5464 | 742 | \$395.00 |
|---|--------------|-----|----------|
| EARPLUGS FOAM/ACOUSTIC TUBE BLACK | RLN6230A | 742 | \$32.00 |
| RUBBER EARTIP/ACOUSTIC TUBE BEIGE | RLN6241A | 742 | \$20.00 |
| QUICK DISCONNECT ACOUSTIC TUBE | RLN6242A | 742 | \$7.90 |
| EAR RCVR W/COIL CBL&3.5MM PLUG | WADN4190B | 742 | \$43.00 |
| Headsets | | | |
| Description | Nomenclature | APC | Price |
| HEADSET LIGHTWEIGHT | NMN6245 | 785 | \$149.00 |
| Single Muff Lightweight Headset with In-Line PTT Switch (requires BDN6676 audio adapter)- Intrinsically Safe (FM) EX500, EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | | | |
| MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT-NRR=24DB-INTRIN (FM) | NMN6258 | 742 | \$389.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB | | | |
| MED DUTY HEADSET,BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) | NMN6259 | 742 | \$425.00 |
| Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB | | 740 | ¢400.00 |
| HEAVY DUTY HEADSET PMLN5278B | PMLN5278B | 742 | \$439.00 |
| Multi Unit Chargers | | | |
| Description | Nomenclature | APC | Price |
| IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY | WPLN4108 R | 785 | \$788.00 |
| | | | |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

ASTRO® Digital XTS 1500 Portable Series VHF Wide Area SmartZone® "Handie-Talkie™" Radio Trunked Radio Systems



XTS 1500 Last Order Entry Date : October 31, 2014

XTS 1500 Last Scheduled Ship Date: November 30, 2014

XTS 1500 Notification of Intent to Cancel Memo

** Alternative product includes the APX Series **- <u>APX1000 (Available - December 2014)</u>

Special Note for United States - State & Local Markets only:

In accordance with FCC mandate, the XTS 1500 VHF products operating on Part 90 frequencies will be restricted to 12.5kHz or narrower operations on Jan. 1, 2013

****Please note that NEW version of Customer Programming Software (CPS) (Part # RVN4181/ RVN4186) is required for initial customer orders for XTS radios. ****

Ship Card

Features

| All ASTRO Digital XTS 1500 packaged models include the following hardwar | e features: |
|--|-------------|
|--|-------------|

Weather Sealed Universal Connector

- 3 Programmable Side Buttons
- Orange Emergency Button
- 16 Position Mode Rotary Select Switch
- On/Off Volume
- Low Battery Alert Tone

- Bi-Color LED Indicator
- IMPRES Nickel Metal Hydride Battery (NTN9858)

• 1 Top Mounted Programmable Three Position Concentric Switch

• Detachable Belt Clip

- Antenna (Bandsplit and Type Dependent on Band Option)
 ASTRO 25
- Noise Reduction Software

Audio Gain Control

All ASTRO Digital XTS 1500 Portables are part of the FLASHport program and ship standard with a FLASH EE Prom, which allows for feature and system upgrades (contingent upon remaining within the same RF deck.)

General Information

The ASTRO Digital XTS 1500 Portable Line offers a Model I radio:

| Hardware Model | Modes | Alphanumeric Display Lines/Characters Per Line | | Navigation Pad |
|--------------------------|-------|--|------|----------------|
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| ASTRO XTS 1500 Model 1.5 | 256 | 4 lines/12 characters | None | No |

Operating Modes

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• 3.6KB ASTRO Digital/Analog Trunking • 9.6KB ASTRO 25 Digital Trunking • 9.6KB APCO P25 Digital Conventional

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The ASTRO Digital XTS 1500 portables can be upgraded electronically (via RS232 cable or USB cable are required for all software upgrades) in the field with new systems operation (contingent upon remaining within the same RF sub-band) by ordering upgrade kits.

RELATIVE RADIATED RECEIVE SENSITIVITY

The relative radiated receive sensitivity test (formerly referred to as self-quieters) measures the sensitivity from 136.05MHz to 173.975MHz in 12.5kHz steps. The radio is set to 25kHz channel mode. These measurements were taken in a shielded environment so that degraded sensitivity at the discrete frequencies is known to be due to the radio's self-interference (as opposed to external interference.) The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios: 147.4450, 147.4475, 147.4450, 151.1975, 151.2000, 153.6000, 161.9975, 162.000, 162.0025, 165.8975, 165.9000, 165.9025, 167.9975, 168.000, 168.0025, 172.0220, 172.0225.

FM INFORMATION

The XTS 1500 portable radio when properly equipped with options H223 and Q393 are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, II, III, Groups C, D, E, F, G, T3C without encryption modules.

The XTS 1500 portable radio when properly equipped with options H223 and Q393 are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, Class II, Class III, Groups D ,F, G, T3C with encryption modules.

Ordering Requirements

| Ordering procedure is as follows: | | | |
|-----------------------------------|--------------|-------------------------|--|
| 1 | H66KD_9PW5_N | ASTRO XTS 1500 Portable | |
| 1A | Qxxx | System Software | |
| 1B | etc | Other options | |

1. Order the ASTRO Digital XTS 1500 Portable Series as the main line item (H66KDC9PW5 N).

2. Each hardware model MUST be ordered with one Operating Mode. One Operating Mode Package MUST be ordered for each radio unit ordered. Choose between 9600 Trunking, 3600 Analog/ Digital Trunking, 3600 Analog only and P25 Conventional Operation.

| SOFTWARE FEATURES SUPPORTED BY | | | | | |
|--|--|--|------------------|--|--|
| Q574 Wide Area SmartZone / Q575 Wide Area SmartZone / Q443 Wide Area Analog SmartZone/ Q811 P25 Digital Conventional | | | | | |
| | | | P25 Conventional | | |

| | "ASTRO Digital"(Q575) | "ASTRO Digital"(Q574) | (Q811) |
|--|-----------------------|-----------------------|--------------|
| | Non-Project 25 | Project 25 | Project 25 |
| | (3600 Baud) | (9600 Baud) | Conventional |
| RADIO WIDE FEATURES | | | |
| Maximum Modes | | | |
| ASTRO Digital XTS 1500 Model 1/1.5 | 48/256 | 48/256 | 48/256 |
| Analog and Digital Operation | Yes | Yes | Yes |
| 12.5/20/25 KHz Programmable Channels | Yes | Yes | Yes |
| Secure Capable | No | No | No |
| One Touch Operation | No | No | No |
| Real Time Clock | No | No | No |
| Surveillance Mode | No | No | No |
| Keypad Lock | No | No | No |
| Radio Lock | Yes | Yes | Yes |
| Smart Battery | Yes | Yes | Yes |
| Radio Wide Transmit Inhibit | No | No | No |
| Time Out Timer | Yes | Yes | Yes |
| FLASHport | Yes | Yes | Yes |
| ANALOG CONVENTIONAL FEATURES | | | |
| Conventional Features are additional radio wide features beyond those specified above. | | | |
| CSQ/PL/DPL | Yes | Yes | Yes |
| Adaptive Power Control | Yes | Yes | Yes |
| Dual Priority Channel Scan | No | No | Yes |
| Repeater/Talkaround Operation | Yes | Yes | Yes |
| Scan (Auto, Pre-programmed, Operator Selectable) | Yes | Yes | Yes |
| Smart PTT | Yes | Yes | Yes |
| Monitor | Yes | Yes | Yes |
| DTMF Tone Generation | - | - | - |
| Adaptive Power Control | Yes | Yes | Yes |
| MDC-1200 Emergency Call | Yes | Yes | Yes |
| MDC-1200 Silent Emergency Alarm | No | No | No |
| MDC-1200 PTT-ID Encode | Yes | Yes | Yes |
| MDC Repeater Access | Yes | Yes | Yes |
| MDC Request to Talk (RTT) | Yes | Yes | Yes |
| MDC Status, Status Request. Message | Yes | Yes | Yes |
| DIGITAL CONVENTIONAL SIGNALING FEATURES | | | |
| These features are APCO Project 25 Conventional Interoperable Features when used in the ASTRO Digital CAI Mode (Q806). | | | |
| Jnaddressed Voice Call | Yes | Yes | Yes |
| Talk Group Call | Yes | Yes | Yes |
| Group Call Alert™ | Yes | Yes | Yes |
| Talk Group Identification (TGID) | Yes | Yes | Yes |
| Selective Call (Individual Voice Call) | Yes | Yes | Yes |
| PTT ID (Individual Identification) | Yes | Yes | Yes |
| Call Alert Encode/Decode | Yes | Yes | Yes |
| Emergency Alarm w/Channel Revert & Ack. | Yes | Yes | Yes |
| elephone Interconnect Decode | Yes | Yes | Yes |
| Selective Radio Inhibit | Yes | Yes | Yes |
| Radio Check | - | - | - |
| Status/Message | No | No | No |
| Trunking Type II Only Features | | ıc | |
| Maximum Number of Trunked Systems-16 | Yes | Yes | No |
| Talkgroup Calls | Yes | Yes | No |

| PTT ID (Digital Only) | Model 1.5 - Encode and Decode | Model 1.5 - Encode and Decode | Model 1.5 - Encode and Decode |
|---|----------------------------------|----------------------------------|----------------------------------|
| Call Alert Decode | Yes | Yes | No |
| Dual Mode Scan | Yes | No | No |
| Failsoft by Talkgroup | Yes | Yes | No |
| Telephone Interconnect Decode | Yes | Yes | No |
| System Wide Call (Receive Only) | Yes | No | No |
| Selective Radio Inhibit | Yes | Yes | No |
| Priority Monitor Scan | Yes | Yes | No |
| Dynamic Regrouping | Yes | Yes | No |
| Status/Message | No | No | No |
| Private/Enhanced Conversation Decode | Yes | Yes | No |
| Radio Check | No | No | No |
| Remote Monitor/Radio Trace | No | No | No |
| Reprogram Request | No | Yes | No |
| SmartZone® Trunking Type II Only Features |] | | |
| Voice on Control | Future | Future | No |
| SmartZone Automatic Site Registration | Yes | Yes | No |
| SmartZone RSSI Operation | Yes | Yes | No |
| SmartZone Preferred Site | Yes | Yes | No |
| SmartZone Forced Site Search | Yes | Yes | No |
| SmartZone Site Lock/Unlock | Yes | Yes | No |
| SmartZone Adjacent Control Channel OSW | Yes | Yes | No |
| Emergency Alarm Call Receive Indication | Yes | Yes | No |

Legend: Blue=Feature to be added in a Future Release Green=New XTS 1500 Features

FCC Information

FCC IDENTIFIER: AZ489FT3807

Name of Grantee: Motorola Solutions, Inc.

| Equipment Class | s: Licensed Non-Broadcast Transmitter Held to Face |
|-----------------|--|
| Notes: | Astro XTS2500 Digital Portable Radio |
| Modular Type: | Does not apply |

| | | Frequency | Output | Frequency | Emission |
|-------------|----------------|---------------|--------|-----------|------------|
| Grant Notes | FCC Rule Parts | Range (MHZ) | Watts | Tolerance | Designator |
| BC | 90.210 | 136.0 - 174.0 | 5.7 | 2.5 PM | 11K0F3E |
| BC | 90 | 136.0 - 174.0 | 5.7 | 2.5 PM | 16K0F3E |
| BC | 90.210 | 136.0 - 174.0 | 5.7 | 2.5 PM | 8K10F1D |
| BC | 90.210 | 136.0 - 174.0 | 5.7 | 2.5 PM | 8K10F1E |
| BC | 80 | 136.0 - 174.0 | 5.7 | 2.5 PM | 11K063E |
| BC | 80 | 136.0 - 174.0 | 5.7 | 2.5 PM | 16K0F3E |
| BC | 80 | 136.0 - 174.0 | 5.7 | 2.5 PM | 8K10F1D |
| BC | 80 | 136.0 - 174.0 | 5.7 | 2.5 PM | 8K10F1E |

SUB-BAND PERFORMANCE VHF 136-174 MHz in all models

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

ASTRO Digital XTS 1500 Catalog Sheet

ASTRO Advanced Messaging Solution (AMS)

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS1500VHF.htm

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

ASTRO Advanced Messaging Solution will be available on XTS 1500 Front Display Portable radios.

Ordering ASTRO Advanced Messaging Solution for XTS 1500 Portable Requires:

- XTS 1500 Front Display
- ASTRO Digital CAI Operation (Q806)
- P25 Conventional (Q811)
- Packet Data Interface (Q947)
- OR
- XTS 1500 Front Display
- ASTRO Digital CAI Operation (Q806)
- ASTRO Project 25 Trunking Software (Q574)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Advanced Messaging Solution on the subscribers as the functionality is included in the Packet Data option. Also, the text messaging functionality carries a per-radio charge on the server side of \$50 (one time license fee to access messaging services) per radio. When adding query the fee is \$125 per radio. For additional ordering guidelines of the AMS feature which includes the server and radio license fees, please visit -

http://ecat.comm.mot.com/ecat/pricebooks/dup/MCCP.htm

| Models | | | |
|--|-------------------------|-------------------|-------------------------|
| Description | Nomenclature | APC | Price |
| Options | | | |
| Accessories | | | |
| Adapter | | | |
| Description 3.5 MM JACK ADAPTER WITH QUICK DISCONNECT LATCH For use with 1, 2 & 3 wire earpiece. | Nomenclature BDN6676 | APC 742 | Price \$52.50 |
| Antenna | | | |
| Description | Nomenclature | APC | Price |
| ANTENNA, 136-150.8MHZ WIDEBAND HELICAL | NAD6566 | 476 | \$16.50 |
| ANTENNA, 150.8-162MHZ WIDEBAND HELICAL ANTENNA, 162-178MHZ WIDEBAND HELICAL | NAD6567 NAD6568 | 476 476 | \$16.50 \$16.50 |
| Battery | | | |
| Description | Nomenclature | APC | Price |
| IMPRES NIMH, 2000 MAH, 7.5V BATTERY-INTRINS SAFE (FM) - RUGGEDIZED | NNTN6263 | 453 | \$137.00 |
| PREM BATT NICD 1525 MAH IMPRES NIMH, 2000 MAH, 7.5V BATTERY - INTRINS SAFE (FM) | NTN9815B NTN9857C | 453 | \$100.00 \$132.00 |
| | | 453 | \$132.00 |

| Battery Maintenance Systems | | | |
|--|---------------------------|-------------------|--------------------------|
| Description | Nomenclature | APC | Price |
| NA FLEET MANAGEMENT LICENSE KEY | HKVN4036A | 785 | \$489.00 |
| FLEET MANAGEMENT CHRGR INTERFACE UNIT Multi-Unit Charger Interface Unit, attaches to an APX or XTS IMPRES multi-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIU | NNTN7677A | 291 | \$80.00 |
| is required for IMPRES chargers that report data to IMPRES Battery Fleet Management. | | | |
| | | | |
| Belt Clip(s) Description | Nomenclature | | Price |
| BELT CLIP 2 1/4" | HLN6853 | 271 | \$11.50 |
| | | | |
| Bluetooth, Mission Critical Wireless Description | Nomenclature | APC | Price |
| XTS BLUETOOTH ADAPTER | RMN5104A | 742 | \$179.00 |
| | | | |
| Carrying Case(s) | Nemeneleture | | Dries |
| Description LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP | Nomenclature | APC 271 | Price \$60.00 |
| Includes swivel belt loop and t-strap. 3.0* Snap NiCad or NiMH. | | | |
| LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. | NNTN4116 | 271 | \$60.00 |
| LEATHER CASE W/SNAP BELT LOOP & T-STRAP Includes snap belt loop and t-strap. For NiCad or NiMH. | NNTN4117 | 271 | \$60.00 |
| LEATHER T-STRAP, PLAIN ACTION SNAP | NTN8383 | 476 | \$10.50 |
| LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | NTN8384 | 476 | \$10.50 |
| Charger | | | |
| Description | Nomenclature | APC | Price |
| CHARGER, 110 VOLT, US PLUG | NTN1667 | 476 | \$100.00 |
| VEHICULAR TRAVEL CHARGER Utilizes the cigarette lighter adapter. INCLUDES: mounting bracket, custom coil cord, and charger. Travel charger is best used and compatible with 2" belt clip. | RLN4884 | 785 | \$95.00 |
| IMPRES CHARGER IMPRES SINGLE-UNIT CHARGER, 220 VOLT, EURO PLUG | WPLN4111AR WPLN4112BR | 785 785 | \$165.00 \$165.00 |
| INFRES SINGLE-UNIT GLIANGER, 220 VOLT, LUKO FLUG | WF LIN4112DIX | 105 | φ105.00 |
| Commport Integrated Microphone/Receiver | | | |
| Description COMMPORT WITH PALM PTT | Nomenclature NTN1624 | APC 115 | Price \$419.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | | | |
| COMMPORT WITH PTT ON RADIO ADAPTER CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1625 | 115 | \$419.00 |
| COMMPORT WITH SNAP-ON SIDE PTT | NTN1736 | 115 | \$429.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | | | |
| Earpieces | | | |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE | Nomenclature AARLN4885 | APC 742 | Price \$25.00 |
| UL Approved | | | |
| EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. | BDN6677 | 742 | \$198.00 |
| *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) | | | |
| Note: VOX is not recommended for trunking operation. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) | BDN6781 | 742 | \$27.00 |
| *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | | | |
| *XTS 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. *PR1500 - requires BDN6676 - Intrinsically Safe (FM)) | | | |
| | PMLN4620A | 742 | \$19.00 |
| BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) EARPLUGS FOAM/ACOUSTIC TUBE BLACK | PMLN5464 RLN6230A | 742 742 | \$395.00 \$32.00 |
| RUBBER EARTIP/ACOUSTIC TUBE BEIGE | RLN6241A | 742 | \$20.00 |
| QUICK DISCONNECT ACOUSTIC TUBE EAR RCVR W/COIL CBL&3.5MM PLUG | RLN6242A WADN4190B | 742 742 | \$7.90 \$43.00 |
| | WILDIN HOOD | 1.12 | φ10.00 |
| Headsets | N | | . . |
| Description HEADSET LIGHTWEIGHT | Nomenclature | APC 785 | Price \$149.00 |
| Single Muff Lightweight Headset with In-Line PTT Switch (requires BDN6676 audio adapter)- Intrinsically Safe (FM) EX500, EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | | . 55 | ψιτυ.00 |
| MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT-NRR=24DB-INTRIN (FM) | NMN6258 | 742 | \$389.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET,BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) | NMN6259 | 742 | \$425.00 |
| Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB | | | |
| HEAVY DUTY HEADSET PMLN5278B | PMLN5278B | 742 | \$439.00 |
| Multi Unit Chargers | | | |

- • •

IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY

Data Compiled 16-Feb-2015 using DUP and all prices in USD

NomenclatureAPCPriceWPLN4108 R785\$788.00

ASTRO® Digital XTS 2500 Portable Series UHF Range 1 and UHF Range 2 Wide Area SmartZone® "Handie-Talkie™" Radio Trunked Radio Systems



XTS 2500 Last Order Entry Date : October 31, 2014 XTS 2500 Last Scheduled Ship Date: November 30, 2014

XTS 2500 Notification of Intent to Cancel Memo

** Alternative products include the APX Series **- <u>APX6000</u>/ <u>APX6000XE</u>/ <u>APX6000Li/APX4000</u>

Special Note for United States - State & Local Markets only:

In accordance with FCC mandate, the XTS 2500 UHF R1 & UHF R2 products operating on Part 90 frequencies will be restricted to 12.5kHz or narrower operations on Jan. 1, 2013

****Please note that NEW version of Customer Programming Software (CPS) (Part # RVN4181/ RVN4186) is required for initial customer orders for XTS radios. ****

Ship Card

| Features | | | | | |
|---|---|--|--|--|--|
| All ASTRO Digital XTS | 2500 packaged models include the following hardware features: | | | | |
| 3 Programmable Side Buttons | 1 Top Mounted Programmable Three Position Concentric Switch | | | | |
| Orange Emergency Button | Weather Sealed Universal Connector | | | | |
| 16 Position Mode Rotary Select Switch | Bi-Color LED Indicator | | | | |
| On/Off Volume | Nickel Metal Hydride Battery (NTN9858) | | | | |
| Low Battery Alert Tone | Detachable Belt Clip | | | | |
| Antenna (Bandsplit and Type Dependent on Band Optic | n) • ASTRO 25 | | | | |
| Noise Reduction Software | Audio Gain Control | | | | |
| ASTRO Digital XTS 25 | 00 Model I.5, II and III also include: | | | | |
| DTMF Telephone Interconnect Capability (Model III ONLY) | Keypad Tone Mute | | | | |

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS2500UHF.htm

- 6 Lines Alphanumeric Display (NO Model I)
- Large Navigational Keypad

Real Time Clock

- Date and Time Stamp
- Hardware Encryption (Not Available on Model 1)

All ASTRO Digital XTS 2500 Portables are part of the FLASHport program and ship standard with a FLASH EE Prom, which allows for feature and system upgrades (contingent upon remaining within the same RF deck.) **Please note that Models 1 and 2 are not available in the Asia Pacific Region**

Physiological Monitoring Solution

Physiological Monitoring is now available on the ASTRO 25 XTS5000 and XTS2500 portable radios. The Zephyr BioHarness™ BT couples the pioneering Smart Fabric sensor technology of the comfortable and unobtrusive BioHarness™ garment with the power and ubiquity of Bluetooth®. BioHarness™ BT enables the capture and transmission of comprehensive physiological data on the wearer exclusively via MOTOROLA ASTRO RADIOS – enabling genuine remote monitoring of human performance and condition in the real world.

The BioHarness[™] BT can be used in a diverse range of areas including sports, defense, first responder and healthcare. Its professional-grade BioHarness[™] system monitors conditions such as heat state, dehydration or injury by measuring vital signs including heart rate, breathing rate, skin temperature, posture and activity. Using the subject's voice radio, the BioHarness communicates to monitoring software designed to give real-time alerts and post-event analysis.

BioHarness[™] BT can be worn in virtually any environment – from combat situations to the training field. It maintains performance under extreme activity. Offering fast, accurate collection and analysis of high-quality, in-depth data, BioHarness[™] BT is the definitive product for remote physiological monitoring in all conditions.

Zephyr Physiological Monitoring Ordering Guide

General Information

The ASTRO Digital XTS 2500 Portable Line offers three different radio hardware models:

| Hardware Model | Modes | Alphanumeric Display | Keypad | Navigation Pad |
|--------------------------|-------|----------------------|--------|----------------|
| | | Lines/Characters | | |
| | | per Line | | |
| ASTRO XTS 2500 Model I | 48 | None | None | No |
| ASTRO XTS 2500 Model 1.5 | 256 | 6/12/front mount | None | No |
| ASTRO XTS 2500 Model II | 870 | 6/12/front mount | 3 x 2 | Yes |
| ASTRO XTS 2500 Model III | 870 | 6/12/front mount | 3 x 6 | Yes |

Operating Modes

ASTRO Digital XTS 2500 Radio Models are capable of operating in three different voice communication modes:

• Normal Analog (clear voice) • 3.6KB ASTRO Digital (clear voice) • 9.6KB ASTRO 25 Digital (clear voice)

The ASTRO Digital XTS 2500 Portable is capable of 48 modes when the programmable Concentric Top Mounted Switch is used for Zone Operation. The mode of operation is programmed on a channel-by-channel basis.

Please note that the XTS 2500 does NOT support FRED.

CHANNEL SPACING

There are no maximum frequency separation conditions that must be adhered to on the ASTRO Digital XTS 2500 Portable Radio Series. Separation of frequencies can be as wide as the allowable sub-band per radio model with no degradation of any performance specifications. If an incorrect antenna is used, degraded performance may be experienced.

FIPS 140-2 Compliance

Encryption Modules equipped with AES are FIPS 140-2 compliant. Further information regarding FIPS 140-2 certification may be found using the following links:

FIPS 140-2 Crypto Module Validation Program (CMVP)

NIST Cryptographic Module Validation Lists

FLASHport® AFTERMARKET UPGRADES

The ASTRO Digital XTS 2500 Portable Series Radios are part of the FLASHport Program. This means that ASTRO Digital XTS 2500 hardware models can be

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS2500UHF.htm

loaded with different software packages that provide the features and functionalities that your customers require. Three different hardware models are available in each band split.

The ASTRO Digital XTS 2500 portable can be upgraded electronically (via RS232 cable or USB cable are required for all software upgrades) in the field with new systems operation (contingent upon remaining within the same RF sub-band) by ordering upgrade kits.

FM INFORMATION

The XTS 2500 portable radio when properly equipped with options H223, Q393 or Q393SUBM are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, II, III, Groups C, D, E, F, G, T3 without encryption modules.

The XTS 2500 portable radio when properly equipped with options H223, Q393 or Q393SUBM are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, Class II, Class II, Groups D ,F, G, T3C with encryption modules.

ASTRO TEXT MESSAGING SERVICE

ASTRO Text Messaging Service will be available on ASTRO 25 XTS 5000, XTS 2500 Portable radios and ASTRO 25 XTL 5000, XTL 2500 Mobile radios. Text Messaging Service (TMS) allows subscriber users to send and receive text messages to other subscribers or dispatch operators. Users can select messages and addresses from a predefined list or enter freeform text messages and addresses via the keypad. Text Messaging Service is available on ASTRO Trunked IV&D Systems and Subscribers. Subscribers must have version R09.00.00 or later of both Customer Programming Software (CPS) and Radio software.

For full Text Messaging functionality, including freeform text messaging and addressing, must order Model III XTS2500 portables. Model II versions support Limited Text Messaging functionality such as selecting predefined messages or addresses from a list programmed in the radio. Text messaging service is NOT supported on Model I Portables.

Ordering requirements for XTS 2500 Portable:

- Requires Model II or Model III XTS 2500
- Software Trunking 9600 Baud (Q574)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Text Messaging Service on the subscribers as the functionality is included in the Packet Data option.

RELATIVE RADIATED RECEIVE SENSITIVITY

The relative radiated receive sensitivity test (formerly referred to as self-quieters) measures the sensitivity from 380-520 MHz in 12.5kHz steps. The radio is set to 25kHz channel mode. These measurements were taken in a shielded environment so that degraded sensitivity at discrete frequencies is known to be due to the radio's self-interference (as opposed to external interference). The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios (secure and non-secure): 381.535 (secure), 386.400, 389.490 (secure), 393.195, 396.000, 396.300, 405.380 (secure), 413.330 (secure), 414.000, 415.500, 417.770, 420.000, 421.280 (secure), 426.600, 429.230 (secure), 432.000, 432.6125, 434.700, 436.800, 442.3438, 450.000, 453.600, 456.000, 460.800, 460.920, 468.000, 477.400, 474.000, 480.000, 487.200, 491.490, 492.000 (secure), 497.6950 (secure), 498.000, 502.200 (secure), 504.000, 512.400, 516.070, 517.440, 519.120

UPDATED LIST OF FREQUENCIES NOT ALLOWED

When a Platform A radio is repaired with a Platform B RF board there will be additional frequencies that are not recommended to be used. The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios (secure and non-secure):

VHF (136 to 174 MHz) 140.5, 144, 147.4475, 147.4575, 151.2*, 151.735*, 153.6*, 159.745, 162, 162.295, 165.9, 168*, 170.3975, 172.02

UHF Range 1 (380 to 470 MHz) 381.535, 384, 389.49, 393.195, 396*, 397.4375, 405.38, 413.33, 414*, 415.5, 417.77, 420*, 421.28, 429.23, 429.544, 431.1, 432*, 432.613, 437.18125, 442.344, 445.13125, 450*, 460.8, 466.92, 468*

UHF Range 2 (450 to 520 MHz) 450, 453.6*, 456*, 460.8*, 462, 466.91875, 468*, 469.425, 470.4*, 474, 475.5*, 480, 486*, 487.2*, 491.49375, 492, 497.705, 498, 502.2, 504, 510, 516, 516.065

700/800 MHz (764 - 776 MHz, 851 MHz - 870 MHz) 856.3375, 857.7000, 860.7000, 862.2000, 863.7000, 864.0000, 867.3000

Ordering Requirements

Ordering procedure is as follows:

1 H46QDC9PW7BN ASTRO XTS 2500 Portable

1A Q574 9600 Trunking Digital Operation

1B etc

1. Order the ASTRO Digital XTS 2500 Portable Series as the main line item (H46QDC9PW7_N).

 Each hardware model MUST be ordered with one Operating Mode. One Operating Mode Package MUST be ordered for each radio unit ordered. Choose between 9600 Trunking, 3600 Analog/ Digital Trunking, 3600 Analog and P25 Conventional Operation.

| SOFTWARE FEATURES SUPPORTED BY | | | | | |
|---|--------------------------|--------------------------|-----------------------|-------------------------------|--|
| Q574 Wide Area SmartZone / Q575 Wide Area SmartZone / Q443 Wide Area Analog SmartZone/ Q811 P25 Digital Conventional | | | | | |
| | "ASTRO Digital"(Q575) | "ASTRO Digital"(Q574) | 3600 Analog (Q443) | P25 Conventional (Q811) | |

| | Non-Project 25 | Project 25 | Type II | Project 25 |
|--|--|--|--|---|
| | (3600 Baud) | (9600 Baud) | (3600 Baud) | Conventional |
| RADIO WIDE FEATURES | ļ | | | |
| Maximum Modes | | | | |
| ASTRO Digital XTS 2500 Model 1 | 16/48 | 16/48 | 16/48 | 16/48 |
| ASTRO Digital XTS 2500 Model 1.5 | 256 | 256 | 256 | 256 |
| ASTRO Digital XTS 2500 Model II & III | 870 | 870 | 870 | 870 |
| Analog and Digital Operation | Yes | Yes | Analog Only | Yes |
| 12.5/20/25 KHz Programmable Channels | Yes | Yes | Yes | Yes |
| Secure Capable (Hardware Encryption Not Available on Model 1 Radios) | Yes | Yes | All but ADP | Yes |
| One Touch Operation | Yes | Yes | Yes | Yes |
| Real Time Clock | Yes | Yes | Yes | Yes |
| Surveillance Mode | Yes | Yes | Yes | Yes |
| Keypad Lock | Yes | Yes | Yes | Yes |
| Radio Lock | Yes | Yes | Yes | Yes |
| Smart (IMPRES) Battery | Yes | Yes | Yes | Yes |
| Radio Wide Transmit Inhibit | Yes | Yes | Yes | Yes |
| Time Out Timer | Yes | Yes | Yes | Yes |
| FLASHport | Yes | Yes | Yes | Yes |
| ANALOG CONVENTIONAL FEATURES | | | | |
| Conventional Features are additional radio wide features beyond those specified above. | | | | |
| CSQ/PL/DPL | Yes | Yes | Yes | Yes |
| Dual Priority Channel Scan | No | No | No | No |
| Repeater/Talkaround Operation | Yes | Yes | Yes | Yes |
| Scan (Auto, Pre-programmed, Operator Selectable) | Yes | Yes | Yes | Yes |
| Smart PTT | Yes | Yes | Yes | Yes |
| Monitor | Yes | Yes | Yes | Yes |
| DTMF Tone Generation | Yes | Yes | Yes | Yes |
| MDC-1200™ Call Lists (Call Alert/Select Call) | Yes | Yes | Yes | Yes |
| MDC-1200 Call Alert Encode/Decode | Yes | Yes | Yes | Yes |
| MDC-1200 Emergency Call | Yes | Yes | Yes | Yes |
| MDC-1200 Voice Selective Call Encode/Decode | Yes | Yes | Yes | Yes |
| MDC-1200 Remote Monitor Decode | Decode Only | Decode Only | Decode Only | Decode Only |
| MDC-1200 Nient Emergency Alarm | Yes | Yes | Yes | Yes |
| MDC-1200 Selective Radio Inhibit Decode | Decode Only | Decode Only | Decode Only | Decode Only |
| MDC-1200 Radio Check Decode | Decode Only | Decode Only | Decode Only | Decode Only |
| MDC-1200 PTT-ID Decode/Encode | Yes | Yes | Yes | Yes |
| | | | | |
| MDC Repeater Access | Yes | Yes | Yes | Yes |
| MDC Request to Talk (RTT) | Yes | Yes | Yes | Yes |
| MDC Status, Status Request, Message | Yes | Yes | Yes | Yes |
| DIGITAL CONVENTIONAL SIGNALING FEATURES These features are APCO Project 25 Conventional | | | | |
| Interoperable Features when used in the ASTRO Digital CAI Mode (Q806). | | | | |
| Unaddressed Voice Call | Yes | Yes | No | Yes |
| Talk Group Call | Yes | Yes | No | Yes |
| | | Yes | No | Yes |
| | Yes | | | Vee |
| Group Call Alert™ | Yes Yes | Yes | No | Yes |
| Group Call Alert™ Talk Group Identification (TGID) | | | No No | Yes |
| Group Call Alert™ Talk Group Identification (TGID) Selective Call (Individual Voice Call) | Yes | Yes | | |
| Group Call Alert™ Talk Group Identification (TGID) Selective Call (Individual Voice Call) PTT ID (Individual Identification) | Yes Yes Yes | Yes Yes Yes | No Yes | Yes Yes |
| Group Call Alert™ Talk Group Identification (TGID) Selective Call (Individual Voice Call) PTT ID (Individual Identification) Call Alert Encode/Decode | Yes Yes Yes Yes | Yes Yes Yes Yes | No Yes No | Yes Yes Yes |
| Group Call Alert™ Talk Group Identification (TGID) Selective Call (Individual Voice Call) PTT ID (Individual Identification) Call Alert Encode/Decode Emergency Alarm w/Channel Revert & Ack. | Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes | No Yes No No | Yes Yes Yes Yes |
| Group Call Alert™ Talk Group Identification (TGID) Selective Call (Individual Voice Call) PTT ID (Individual Identification) Call Alert Encode/Decode Emergency Alarm w/Channel Revert & Ack. Telephone Interconnect | Yes Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes | No Yes No No No | Yes Yes Yes Yes Yes |
| Group Call Alert™ Talk Group Identification (TGID) Selective Call (Individual Voice Call) PTT ID (Individual Identification) Call Alert Encode/Decode Emergency Alarm w/Channel Revert & Ack. Telephone Interconnect Selective Radio Inhibit | Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes | No Yes No No No | Yes Yes Yes Yes |
| Group Call Alert™ Talk Group Identification (TGID) Selective Call (Individual Voice Call) PTT ID (Individual Identification) Call Alert Encode/Decode Emergency Alarm w/Channel Revert & Ack. Telephone Interconnect Selective Radio Inhibit Radio Check | Yes Yes Yes Yes Yes Yes Yes - | Yes Yes Yes Yes Yes Yes - | No Yes No No No No | Yes Yes Yes Yes Yes Yes - |
| Group Call Alert™ Talk Group Identification (TGID) Selective Call (Individual Voice Call) PTT ID (Individual Identification) Call Alert Encode/Decode Emergency Alarm w/Channel Revert & Ack. Telephone Interconnect Selective Radio Inhibit Radio Check Status/Message | Yes Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes | No Yes No No No | Yes Yes Yes Yes Yes |
| Group Call Alert™ Talk Group Identification (TGID) Selective Call (Individual Voice Call) PTT ID (Individual Identification) Call Alert Encode/Decode Emergency Alarm w/Channel Revert & Ack. Telephone Interconnect Selective Radio Inhibit Radio Check Status/Message Trunking Type II Only Features | Yes Yes Yes Yes Yes Yes Yes Yes | Yes Yes Yes Yes Yes Yes Yes Yes | No Yes No No No No No No | Yes Yes Yes Yes Yes Yes Yes |
| Group Call Alert™ Talk Group Identification (TGID) Selective Call (Individual Voice Call) PTT ID (Individual Identification) Call Alert Encode/Decode Emergency Alarm w/Channel Revert & Ack. Telephone Interconnect Selective Radio Inhibit Radio Check Status/Message | Yes Yes Yes Yes Yes Yes Yes - | Yes Yes Yes Yes Yes Yes - | No Yes No No No No | Yes Yes Yes Yes Yes - |

| | | | Yes | |
|---|--------|--------|--------|-----|
| Call Alert Encode/Decode | Yes | Yes | Yes | No |
| Dual Mode Scan | Yes | No | Yes | No |
| Failsoft by Talkgroup | Yes | Yes | Yes | No |
| Telephone Interconnect Encode/Decode | Yes | Yes | Yes | No |
| System Wide Call (Receive Only) | Yes | No | Yes | No |
| Selective Radio Inhibit | Yes | Yes | Yes | No |
| Priority Monitor Scan | Yes | Yes | Yes | No |
| Dynamic Regrouping | Yes | Yes | Yes | No |
| Status/Message | No | No | No | No |
| Private/Enhanced Conversation Encode/Decode | Yes | Yes | Yes | No |
| Radio Check | No | No | No | No |
| Remote Monitor/Radio Trace | Yes | No | Yes | Yes |
| Reprogram Request | No | No | No | No |
| SmartZone Trunking Type II Only Features | | | | |
| Adaptive Power Control | Yes | Yes | Yes | No |
| Voice on Control | Future | Future | Future | No |
| SmartZone Automatic Site Registration | Yes | Yes | Yes | No |
| SmartZone RSSI Operation | Yes | Yes | Yes | No |
| SmartZone Preferred Site | Yes | Yes | Yes | No |
| SmartZone Forced Site Search | Yes | Yes | Yes | No |
| SmartZone Site Lock/Unlock | Yes | Yes | Yes | No |
| SmartZone Adjacent Control Channel OSW | Yes | Yes | Yes | No |
| Emergency Alarm Call Receive Indication | Yes | Yes | Yes | No |

Legend: Blue=Feature to be added in a Future Release

FCC Information

FCC IDENTIFIER: AZ489FT4865

Name of Grantee: Motorola Solutions, Inc.

Equipment Class: Licensed Non-Broadcast Transmitter Held to Face Notes: HAND HELD PORTABLE 2-WAY RADIO

| | | Frequency | Output | Frequency | Emission |
|-------------|--------------------------|---------------|--------|-----------|------------|
| Grant Notes | FCC Rule Parts | Range (MHZ) | Watts | Tolerance | Designator |
| BE | 90 | 380.0 - 470.0 | 5.9 | 2.0 PM | 16K0F3E |
| BE | 90 | 380.0 - 470.0 | 5.9 | 2.0 PM | 11K0F3E |
| BE | 90 | 380.0 - 470.0 | 5.9 | 2.0 PM | 8K10F1E |
| BE | 90 | 380.0 - 470.0 | 5.9 | 2.0 PM | 8K10F1D |
| BE | 90 | 380.0 - 470.0 | 5.9 | 2.0 PM | 20K0F1E |
| | FCC IDENTIFIER: AZ489FT4 | 866 | | | |

Name of Grantee: Motorola Solutions, Inc.

Equipment Class: Licensed Non-Broadcast Transmitter Held to Face HAND HELD PORTABLE 2-WAY R4ADIO Notes:

| Grant Notes | FCC Rule Parts | Frequency Range (MHZ) | Output Watts | Frequency Tolerance | Emission Designator |
|-------------|----------------|----------------------------------|-----------------|------------------------|------------------------|
| BE | 80, 90, 90.210 | 450.0 - 520.0 | 6.0 | 2.0 PM | 16K0F3E |
| BE | 80, 90, 90.210 | 450.0 - 450.0 | 6.0 | 2.0 PM | 11K0F3E |
| BE | 80, 90, 90.210 | 450.0 - 520.0 | 6.0 | 2.0 PM | 8K10F1E |
| BE | 80, 90, 90.210 | 450.0 - 520.0 | 6.0 | 2.0 PM | 8K10F1D |
| BE | 80, 90, 90.210 | 450.0 - 520.0 | 6.0 | 2.0 PM | 20K0F1E |
| | | SUB-BAND PERFORMANCE | | | |
| | | UHF R1 380-470 MHz in all models | | | |
| | | UHF R2 450-520 MHz in all models | | | |

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

XTS 2500 PORTABLE RADIO SPEC SHEET

ASTRO Advanced Messaging Solution (AMS)

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

ASTRO Advanced Messaging Solution will be available on XTS 2500 Dual Display Portable radios. Advanced Messaging is NOT supported on XTS 2500 Top Display Portable radios.

Ordering ASTRO Advanced Messaging Solution for XTS 2500 Portable Requires:

- · XTS 2500 Dual Display
- · P25 Conventional (Q811)
- Packet Data Interface (Q947)

OR

- · XTS 2500 Dual Display
- · ASTRO Project 25 Trunking Software (Q574/Q575)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Advanced Messaging Solution on the subscribers as the functionality is included in the Packet Data option. Also, the text messaging functionality carries a per-radio charge on the server side of \$50 (one time license fee to access messaging services) per radio. When adding query the fee is \$125 per radio. For additional ordering guidelines of the AMS feature which includes the server and radio license fees, please visit -

http://ecat.comm.mot.com/ecat/pricebooks/dup/MCCP.htm

| Nomenclature | APC | Price |
|--------------|---|---|
| | | |
| | | |
| | | |
| Nomenclature | APC | Price |
| DDN1131 | 407 | \$1,920.00 |
| | | A 750.00 |
| | | \$750.00 |
| DDN1133 | 407 | \$883.00 |
| DDN1134 | 407 | \$883.00 |
| BBRIIGH | 407 | φ000.00 |
| DDN1135 | 571 | \$405.00 |
| DDN1136 | 571 | \$735.00 |
| | | |
| DDN1137 | 407 | \$186.00 |
| DDN1138 | 407 | \$186.00 |
| | | |
| DDN1139 | 407 | \$186.00 |
| | Nomenclature DDN1131 DDN1132 DDN1133 DDN1134 DDN1135 DDN1135 DDN1136 DDN1137 DDN1138 | DDN1131 407 DDN1132 571 DDN1133 407 DDN1133 407 DDN1134 407 DDN1135 571 DDN1136 571 DDN1137 407 DDN1138 407 |

| ZEPHYR RSM CONFIGURATION BLOCK | DDN1141 | 571 | \$200.00 |
|--|------------------------|------------|---------------------|
| ZEPHYR BIOSHIRT RESPONDER - SMALL | DDN1146 | 407 | \$186.00 |
| ZEPHYR OMNISENSE SW CD & DOCUMENTS | DDN1149 | 407 | \$1,500.00 |
| ZEPHYR BLUETOOTH BIOMODULE | DDN1150 | 407 | \$815.00 |
| ZEPHYR 4 BAY CHARGER W USA PLUGPACK | DDN1151 | 571 | \$220.00 |
| ZEPHYR XTS RID | DDN1159 | 407 | \$375.00 |
| ZEPHYR PSM RID BUNDLE XS-MED | DDN1160 | 571 | \$908.00 |
| Motorola PSM bundle includes 1 BT BioHarness, 1 side strap (XS - Med), 1 RID ZEPHYR PSM RID BUNDLE MED-XL | DDN1161 | 571 | \$908.00 |
| Motorola PSM bundle includes 1 BT BioHarness, 1 side strap (med ? XL), 1 RID | DDN1101 | 571 | φ900.00 |
| | | | |
| Algorithm Kits | | | |
| Description | Nomenclature | APC | Price |
| SECURE BOARD M1.5 AES | PMLN4924A | 205 | \$811.00 |
| Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. | PMLN4925A | 205 | \$811.00 |
| SECURE BRD M1.5 DES, DES-XL, DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. | FINILIN4923A | 205 | \$611.00 |
| SECURE BOARD M1.5 ADP | PMLN4926A | 205 | \$690.00 |
| Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. | | | |
| SECURE BOARD M2 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. | PMLN4927A | 205 | \$811.00 |
| SECURE BRD M2 DES. DES-XLDES-OFB | PMLN4928A | 205 | \$749.00 |
| Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. | | | • • • • • |
| SECURE BOARD M2 ADP | PMLN4929A | 205 | \$690.00 |
| Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 AES | PMLN4930A | 205 | \$811.00 |
| Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. | I WEIN-330A | 200 | ψ011.00 |
| SECURE BRD M3 DES, DES-XL, DES-OFB | PMLN4931A | 205 | \$811.00 |
| Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. | DMI NI 40004 | 005 | * ~~~~~~~ |
| SECURE BOARD M3 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. | PMLN4932A | 205 | \$690.00 |
| | | | |
| Antenna | | | |
| Description | Nomenclature | APC | Price |
| ANTENNA, 380-435MHZ UHF HELICAL | NAE6546 | 402 | \$16.50 |
| ANTENNA, 470-520MHZ UHF HELICAL | NAE6548 | 402 | \$16.50 |
| | | | |
| Battery | | | |
| Description | Nomenclature | APC | Price |
| IMPRES NIMH, 2000 MAH, 7.5V BATTERY-INTRINS SAFE (FM) - RUGGEDIZED | NNTN6263 | 453 | \$137.00 |
| IMPRES NIMH, 2000 MAH, 7.5V BATTERY - INTRINS SAFE (FM) | NTN9857C | 453 | \$132.00 |
| IMPRESS NIMH, 2100 MAH, 7.5V BATTERY BATTERY STD IP54 LIION 2700M2900T | NTN9858C PMNN4454AR | 453 453 | \$112.00 \$85.00 |
| DATTERT STD IF34 LIION 2700W23001 | FINININ4434AR | 405 | ф 05.00 |
| Battery Maintenance Systems | | | |
| Description | Nomenclature | APC | Price |
| NA FLEET MANAGEMENT LICENSE KEY | HKVN4036A | 785 | \$489.00 |
| FLEET MANAGEMENT CHRGR INTERFACE UNIT | NNTN7677A | 291 | \$80.00 |
| Multi-Unit Charger Interface Unit, attaches to an APX or XTS IMPRES multi-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A | | | |
| CIU is required for IMPRES chargers that report data to IMPRES Battery Fleet Management. | | | |
| | | | |
| Belt Clip(s) | | | |
| Description | Nomenclature | APC | Price |
| BELT CLIP 2 1/4" | HLN6853 | 271 | \$11.50 |
| | | | |
| Bluetooth, Mission Critical Wireless | | . – . | |
| Description | Nomenclature | APC | Price |
| XTS BLUETOOTH ADAPTER | RMN5104A | 742 | \$179.00 |
| | | | |
| Cable(s) | NI | | |
| | Nomenclature | - | Price |
| CABLE- PROGRAMMING USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. | RKN4105 | 261 | \$237.00 |
| * PR1500 - uses RVN4181 CPS - No RIB Box required. | | | |
| CABLE- PROGRAMMING, RS232 This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios. | RKN4106 | 261 | \$251.00 |
| rnis cable MUST be ordered of the KKN4105 when you order the KVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. | | | |
| | | | |
| Carrying Case(s) | | | |
| Description | Nomenclature | - | Price |
| LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP | NNTN4115 | 271 | \$60.00 |
| Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. | 1111114113 | | |
| | | 271 | \$60.00 |
| LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. | NNTN4116 | 271 | \$60.00 |
| LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. LEATHER CASE W/SNAP BELT LOOP & T-STRAP | | 271 271 | \$60.00 \$60.00 |
| LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. | NNTN4116 | | |

| | NTN8383 | 476 | \$10.50 |
|--|--|--|---|
| LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | NTN8384 | 476 | \$10.50 |
| Charger | | | |
| Description CHARGER, 110 VOLT, US PLUG | Nomenclature | APC 476 | Price \$100.00 |
| CHARGER, IMPRES RAPID RATE, 220V EURO PLUG | NTN1874 | 785 | \$165.00 |
| Rapid charger, NiCad, NiMH, & Lithium batteries are for ALL XTS, MTS, MT, JT, and HT (WPLN4114AR, 2 prong Euro 3004209T01 Cord) VEHICULAR TRAVEL CHARGER | RLN4884 | 785 | \$95.00 |
| Utilizes the cigarette lighter adapter. INCLUDES: mounting bracket, custom coil cord, and charger. Travel charger is best used and compatible with 2" belt clip | | | |
| IMPRES SINGLE-UNIT CHARGER, 220 VOLT, EURO PLUG SINGLE BASE ONLY | WPLN4112BR WPLN4114AR | 785 785 | \$165.00 \$160.00 |
| IMPRES SINGLE CHARGER 110-230V US PLUG, EURO MANUAL | WPLN4117 R | 785 | \$165.00 |
| Commport Integrated Microphone/Receiver | | | |
| Description | Nomenclature | - | Price |
| COMMPORT WITH PALM PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1624 | 115 | \$419.00 |
| COMMPORT WITH PTT ON RADIO ADAPTER CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1625 | 115 | \$419.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1736 | 115 | \$429.00 |
| Earpieces | | | |
| Description | Nomenclature | APC | Price |
| RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE | AARLN4885 | 742 | \$25.00 |
| EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) 'HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. | BDN6781 | 742 | \$27.00 |
| *H 1000, A S 3000, requires BDN6076 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *XTS 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. | | | |
| *PR1500 - requires BDN6676 - Intrinsically Safe (FM)) D-SHELL RX-ONLY EARPIECE(3.5MM) | PMLN4620A | 742 | \$19.00 |
| BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) | PMLN5464 | 742 | \$395.00 |
| EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BEIGE | RLN6230A RLN6241A | 742 742 | \$32.00 \$20.00 |
| QUICK DISCONNECT ACOUSTIC TUBE | RLN6241A RLN6242A | 742 742 | \$20.00 \$7.90 |
| EAR RCVR W/COIL CBL&3.5MM PLUG | WADN4190B | 742 | \$43.00 |
| Hardware | | | |
| Description | Nomenclature | APC | Price |
| FPP CONNECTOR PROGRAMMING KEY This connector key (dongle) is required while utilizing FPP. | PMTN4113 | 407 | \$150.00 |
| Headsets | | | |
| Description | Nomenclature | | Price |
| HEADSET LIGHTWEIGHT Single Muff Lightweight Headset with In-Line PTT Switch (requires BDN6676 audio adapter)- Intrinsically Safe (FM) | NMN6245 | 785 | \$149.00 |
| EX500, EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | | | |
| MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT-NRR=24DB-INTRIN (FM) | NMN6258 | 742 | \$389.00 |
| MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT-NRR=24DB-INTRIN (FM) Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DI ITY HEADSET REHIND, THE-HEAD W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) | NMN6258 | | \$389.00 \$425.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET,BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB | NMN6259 | 742 | \$425.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features | NMN6259 RMN4049 | | |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and in-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET | NMN6259 RMN4049 | 742 | \$425.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET,BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and in-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT | NMN6259 RMN4049 a | 742 742 | \$425.00 \$225.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET,BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and in-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT Microphones | NMN6259 RMN4049 a RMN5049 | 742 742 742 | \$425.00 \$225.00 \$340.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear, behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and In-line PTT RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL,GPS RSM | NMN6259 RMN4049 a | 742 742 742 | \$425.00 \$225.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear, behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and In-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT Microphones Description | NMN6259 RMN4049 RMN5049 Nomenclature HMN4084 | 742 742 742 APC 372 | \$425.00 \$225.00 \$340.00 Price \$350.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear, behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and in-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL,GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). Wher used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). REMOTE SPEAKER MICROPHONE, IP57 | NMN6259 RMN4049 RMN5049 Nomenclature HMN4084 PMMN4038A | 742 742 742 APC 372 372 | \$425.00 \$225.00 \$340.00 Price \$350.00 \$88.50 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear, behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and In-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL,GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). | NMN6259 RMN4049 RMN5049 Nomenclature HMN4084 | 742 742 742 APC 372 | \$425.00 \$225.00 \$340.00 Price \$350.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear, behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and In-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL,GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). Wher used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). REMOTE SPEAKER MICROPHONE, IP57 REMOTE SPEAKER MIC, NC | NMN6259 RMN4049 RMN5049 Nomenclature HMN4084 PMMN4038A PMMN4045B | 742 742 742 APC 372 372 372 | \$425.00 \$225.00 \$340.00 Price \$350.00 \$88.50 \$97.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear, behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and In-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL,GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires 8 version board. INCLUDES GPS RSM User guide (6881098C03). REMOTE SPEAKER MICROPHONE, IP57 REMOTE SPEAKER MIC, NC REMOTE SPEAKER MIC, NC REMOTE SPEAKER MIC, NC REMOTE SPEAKER MIC, RX-JACK Multi Unit Chargers Description | NMN6259 RMN4049 RMN5049 Nomenclature HMN4084 PMMN4038A PMMN4051B Nomenclature | 742 742 742 APC 372 372 372 372 372 APC | \$425.00 \$225.00 \$340.00 Price \$350.00 \$88.50 \$97.00 \$89.00 Price |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear, behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and In-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL,GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). REMOTE SPEAKER MICROPHONE, IP57 REMOTE SPEAKER MIC, NC REMOTE SPEAKER MIC, NC REMOTE SPEAKER MIC, RX-JACK Multi Unit Chargers | NMN6259 RMN4049 RMN5049 Nomenclature HMN4084 PMMN4038A PMMN4038A PMMN4051B | 742 742 742 APC 372 372 372 372 372 | \$425.00 \$225.00 \$340.00 Price \$350.00 \$88.50 \$97.00 \$89.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and in-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL, GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). REMOTE SPEAKER MICROPHONE, IP57 REMOTE SPEAKER MICROPHONE, IP57 REMOTE SPEAKER MIC, NC REMOTE SPEAKER MIC, RX-JACK Multi Unit Chargers Description IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY IMPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY | NMN6259 RMN4049 RMN5049 Nomenclature HMN4084 PMMN4038A PMMN4051B Nomenclature WPLN4108 R | 742 742 742 APC 372 372 372 372 372 APC 785 | \$425.00 \$225.00 \$340.00 Price \$350.00 \$88.50 \$97.00 \$89.00 Price \$788.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, WIN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and In-Line PTT RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL,GPS RSM HMM4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). Wher used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). REMOTE SPEAKER MICROPHONE, IP57 REMOTE SPEAKER MIC, NC REMOTE SPEAKER MIC, NC REMOTE SPEAKER MIC, RX-JACK Multi Unit Chargers Description IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY IMPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY IMPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY IMPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY | NMN6259 RMN4049 RMN5049 Nomenclature HMN4084 PMMN4038A PMMN4051B Nomenclature WPLN4108 R | 742 742 742 APC 372 372 372 372 372 APC 785 | \$425.00 \$225.00 \$340.00 Price \$350.00 \$88.50 \$97.00 \$89.00 Price \$788.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, WIIN-LINE PTT-NRR = 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and In-Line PTT Features a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL,GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). Wher used with XT3 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). REMOTE SPEAKER MICROPHONE, IP57 REMOTE SPEAKER MICROPHONE, IP57 REMOTE SPEAKER MIC, RX Description IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY IMPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY IMPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY IMPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY MPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY MPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY MPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY MPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY MPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY | NMN6259 RMN4049 RMN5049 Nomenclature HMN4084 PMMN4038A PMMN405B PMMN4051B Nomenclature WPLN4108 R WPLN4108 R WPLN4108 R | 742 742 742 APC 372 372 372 372 372 372 APC 785 785 785 | \$425.00 \$225.00 \$340.00 Price \$350.00 \$88.50 \$97.00 \$89.00 Price \$788.00 \$788.00 \$788.00 |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, WIIN-LINE PTT-NRR = 24DB-INTRIN (FM) Medium Weight Headset, behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and In-Line PTT Petures a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL,GPS RSM HM4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). Wher used with XTS 2500, requires 8 version board. INCLUDES GPS RSM User guide (6881098C03). REMOTE SPEAKER MIC, NC REMOTE SPEAKER MIC, NC REMOTE SPEAKER MIC, RC, RX-JACK Multi Unit Chargers Description IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY IMPRES MULTI UNIT CHARGER - 110V US PLUG NON DISPLAY IMPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY IMPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY IMPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY | NMN6259 RMN4049 RMN5049 Nomenclature HMN4084 PMMN4038A PMMN4051B Nomenclature WPLN4108 R WPLN4110 R | 742 742 742 APC 372 372 372 372 372 372 APC 785 785 | \$425.00 \$225.00 \$340.00 Price \$350.00 \$88.50 \$97.00 \$89.00 Price \$788.00 \$788.00 \$788.00 |

| | RMN5074B | 372 | \$160.00 |
|--|-------------------------|-------------------|-------------------------|
| Surveillance | | | |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. | Nomenclature BDN6664 | APC 742 | Price \$40.00 |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. | BDN6665 | 742 | \$42.00 |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter | BDN6666 | 742 | \$53.00 |
| is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE WITH MICROPHONE & PTT COMBINED - BEIGE (2 WIRE) 2-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. | BDN6667 | 742 | \$114.00 |
| 'EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. 'PR1500 requires BDN6676 adapter. FM Approved. EARPIECE WITH MICROPHONE & PTT SEPARATE - BEIGE (3 WIRE) 3-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded 'APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. 'HT1000, XTS 2500, XTS 5000 require BDN676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter i | BDN6668 | 742 | \$135.00 |
| not required. FM Approved. * EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BEIGE (2 WIRE) 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | BDN6669 | 742 | \$118.00 |
| 'HT 1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter in not required. FM Approved. 'EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. 'PR1500 requires BDN6676 adapter. FM Approved. EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BEIGE (3 WIRE) 3.Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. | s BDN6670 | 742 | \$150.00 |
| *APX series require BDN6783 adapter. FM Approved with APX6000/K000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. *PR1500 requires BDN6676 adapter. FM Approved. EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BLACK (SINGLE WIRE) 1-Wire Receive-Only Surveillance kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6763 adapter. FM Approved with APX6000/K000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. | BDN6726 | 742 | \$40.00 |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BLACK (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Volume Control and Earoiece. Black. 3.5mm Threaded. | BDN6728 | 742 | \$53.00 |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 3000 requires BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 requires new adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. EARPIECE WITH MICROPHONE & PTT COMBINED - BLACK (2 WIRE) 2-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. | BDN6729 | 742 | \$114.00 |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 require BDN6676 adapter. FM Approved. EARPIECE WITH MICROPHONE & PTT SEPARATE - BLACK (3 WIRE) 3-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN68783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | BDN6730 | 742 | \$135.00 |
| 'HT 1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 requires PMLN4455 adapter. FM Approved. 'EX500 & EX600 XLS requires PMLN4455 adapter. FM Approved. 'PR1500 requires BDN6676 adapter. FM Approved. EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BLACK (2 WIRE) 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. | BDN6731 | 742 | \$118.00 |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *IHT1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BLACK (3 WIRE) 3-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | BDN6732 | 742 | \$150.00 |
| APA Selies require BDNors adapter. FM Approved with APAcouncounce and APA/10007000AE. *1T1000 & XTS 3000 require BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. COMPLETELY DISCREET EARPIECE KIT Wireless Earpiece, communicates to the radio through an inductive neckloop. The kit includes the wireless receiver, six spare batteries and five spare earguards | RLN4922 | 742 | \$340.00 |

| Customer Programming Software | | | |
|---|---------------------------|-------------------|----------|
| | Nomenclature RVN4181AV | APC 371 | Price |
| SOFTWARE,CPS R20.00.00 ASTRO 25 PORTABLE | RVIN4161AV | 371 | \$265.00 |
| Manual(s) | | | |
| Description | Nomenclature | APC | Price |
| MANUAL USER GUIDE XTS2500 MODEL I | 6881094C04 | 205 | \$11.25 |
| Operations/User's manual PAPER. USER GUIDES CD XTS2500 | 9985898D01 | 001 | \$11.00 |
| | | 001 | • • • |
| MANUAL CD SERVICE ENGLISH XTS 1500, 2500, AND MT 1500 XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER | 9985899D01 | 001 | \$11.00 |
| MANUAL CD SERVICE AND THEORY ENGLISH XTS 1500, 2500, AND MT 1500 XTS2500, XTS1500, MT1500 BASIC SERVICE MANUAL PAPER | 9985900D01 | 207 | \$33.50 |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

ASTRO® Digital XTS 2500 Portable Series VHF Wide Area SmartZone® "Handie-Talkie™" Radio Trunked Radio Systems

XTS 2500 Last Order Entry Date : October 31, 2014

XTS 2500 Last Scheduled Ship Date: November 30, 2014

XTS 2500 Notification of Intent to Cancel Memo

** Alternative products include the APX Series **- <u>APX6000/ APX6000XE/</u> <u>APX6000Li/APX4000</u>



Special Note for United States - State & Local Markets only:

In accordance with FCC mandate, the XTS 2500 VHF products operating on Part 90 frequencies will be restricted to 12.5kHz or narrower operations on Jan. 1, 2013

****Please note that NEW version of Customer Programming Software (CPS) (Part # RVN4181/ RVN4186) is required for initial customer orders for XTS radios. ****

Ship Card

| Features | | | | |
|--|---|--|--|--|
| All ASTRO Digita | I XTS 2500 packaged models include the following hardware features: | | | |
| 3 Programmable Side Buttons | 1 Top Mounted Programmable Three Position Concentric Switch | | | |
| Orange Emergency Button | Weather Sealed Universal Connector | | | |
| 16 Position Mode Rotary Select Switch | Bi-Color LED Indicator | | | |
| On/Off Volume | IMPRES Nickel Metal Hydride Battery (NTN9858) | | | |
| Low Battery Alert Tone | Detachable Belt Clip | | | |
| Antenna (Bandsplit and Type Dependent on Ban | d Option) • ASTRO 25 | | | |
| Noise Reduction Software | Audio Gain Control | | | |
| ASTRO Digital X | TS 2500 Model I.5, II and III also include: | | | |
| DTMF Telephone Interconnect Capability (Model II | • Keypad Tone Mute (Model II and III only) | | | |

- 6 Lines Alphanumeric Display (No Model I)
- Date and Time Stamp
- Hardware Encryption (Not Available on Model 1)
- Large Navigational Keypad (Model II and III only)
- Real Time Clock

All ASTRO Digital XTS 2500 Portables are part of the FLASHport program and ship standard with a FLASH EE Prom, which allows for feature and system upgrades (contingent upon remaining within the same RF deck.) **Please note that Models 1 and 2 are not available in the Asia Pacific Region**

Physiological Monitoring Solution

Physiological Monitoring is now available on the ASTRO 25 XTS5000 and XTS2500 portable radios. The Zephyr BioHarness[™] BT couples the pioneering Smart Fabric sensor technology of the comfortable and unobtrusive BioHarness[™] garment with the power and ubiquity of Bluetooth®. BioHarness[™] BT enables the capture and transmission of comprehensive physiological data on the wearer exclusively via MOTOROLA ASTRO RADIOS – enabling genuine remote monitoring of human performance and condition in the real world.

The BioHarness[™] BT can be used in a diverse range of areas including sports, defense, first responder and healthcare. Its professional-grade BioHarness[™] system monitors conditions such as heat state, dehydration or injury by measuring vital signs including heart rate, breathing rate, skin temperature, posture and activity. Using the subject's voice radio, the BioHarness communicates to monitoring software designed to give real-time alerts and post-event analysis.

BioHarness[™] BT can be worn in virtually any environment – from combat situations to the training field. It maintains performance under extreme activity. Offering fast, accurate collection and analysis of high-quality, in-depth data, BioHarness[™] BT is the definitive product for remote physiological monitoring in all conditions.

Zephyr Physiological Monitoring Ordering Guide

General Information

The ASTRO Digital XTS 2500 Portable Line offers three different radio hardware models:

| Hardware Model | Modes | Alphanumeric Display | Keypad | Navigation Pad |
|--------------------------|-------|----------------------|--------|----------------|
| | | Lines/Characters | | |
| | | per Line | | |
| ASTRO XTS 2500 Model I | 48 | None | None | No |
| ASTRO XTS 2500 Model I.5 | 256 | 6/12/front mount | None | No |
| ASTRO XTS 2500 Model II | 870 | 6/12/front mount | 3 x 2 | Yes |
| ASTRO XTS 2500 Model III | 870 | 6/12/front mount | 3 x 6 | Yes |

Operating Modes

ASTRO Digital XTS 2500 Radio Models are capable of operating in three different voice communication modes:

• Normal Analog (clear voice) • 3.6KB ASTRO Digital (clear voice) • 9.6KB ASTRO 25 Digital (clear voice)

The ASTRO Digital XTS 2500 Portable is capable of 48 modes when the programmable Concentric Top Mounted Switch is used for Zone Operation. The mode of operation is programmed on a channel-by-channel basis.

Please note that the XTS 2500 does NOT support FRED.

CHANNEL SPACING

There are no maximum frequency separation conditions that must be adhered to on the ASTRO Digital XTS 2500 Portable Radio Series. Separation of frequencies can be as wide as the allowable sub-band per radio model with no degradation of any performance specifications. If an incorrect antenna is used, degraded performance may be experienced.

FIPS 140-2 Compliance

Encryption Modules equipped with AES are FIPS 140-2 compliant. Further information regarding FIPS 140-2 certification may be found using the following links:

FIPS 140-2 Crypto Module Validation Program (CMVP)

NIST Cryptographic Module Validation Lists

FLASHport® AFTERMARKET UPGRADES

The ASTRO Digital XTS 2500 Portable Series Radios are part of the FLASHport Program. This means that ASTRO Digital XTS 2500 hardware models can be loaded with different software packages that provide the features and functionalities that your customers require. Three different hardware models are available in each band split.

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS2500VHF.htm

The ASTRO Digital XTS 2500 portable can be upgraded electronically (via RS232 cable or USB cable are required for all software upgrades) in the field with new systems operation (contingent upon remaining within the same RF sub-band) by ordering upgrade kits.

FM INFORMATION

The XTS 2500 portable radio when properly equipped with options H223, Q393 or Q393SUBM are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, II, III, Groups C, D, E, F, G, T3 without encryption modules.

The XTS 2500 portable radio when properly equipped with options H223, Q393 or Q393SUBM are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, Class II, Class II, Groups D, F, G, T3C with encryption modules.

ASTRO TEXT MESSAGING SERVICE

ASTRO Text Messaging Service will be available on ASTRO 25 XTS 5000, XTS 2500 Portable radios and ASTRO 25 XTL 5000, XTL 2500 Mobile radios. Text Messaging Service (TMS) allows subscriber users to send and receive text messages to other subscribers or dispatch operators. Users can select messages and addresses from a predefined list or enter freeform text messages and addresses via the keypad. Text Messaging Service is available on ASTRO Trunked IV&D Systems and Subscribers. Subscribers must have version R09.00.00 or later of both Customer Programming Software (CPS) and Radio software.

For full Text Messaging functionality, including freeform text messaging and addressing, must order Model III XTS2500 portables. Model II versions support Limited Text Messaging functionality such as selecting predefined messages or addresses from a list programmed in the radio. Text messaging service is NOT supported on Model I Portables.

Ordering requirements for XTS 2500 Portable:

- Requires Model II or Model III XTS 2500
- Software Trunking 9600 Baud (Q574)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Text Messaging Service on the subscribers as the functionality is included in the Packet Data option.

RELATIVE RADIATED RECEIVE SENSITIVITY

The relative radiated receive sensitivity test (formerly referred to as self-quieters) measures the sensitivity from 136.05MHz to 173.975MHz in 12.5kHz steps. The radio is set to 25kHz channel mode. These measurements were taken in a shielded environment so that degraded sensitivity at the discrete frequencies is known to be due to the radio's self-interference (as opposed to external interference.) The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios: 147.4450, 147.4475, 147.4500, 151.1975, 151.2000, 153.6000, 161.9975, 162.000, 162.0025, 165.8975, 165.9000, 165.9025, 167.9975, 168.000, 168.0025, 172.0220.

UPDATED LIST OF FREQUENCIES NOT ALLOWED

When a Platform A radio is repaired with a Platform B RF board there will be additional frequencies that are not recommended to be used. The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios (secure and non-secure):

VHF (136 to 174 MHz) 140.5, 144, 147.4475, 147.4575, 151.2*, 151.735*, 153.6*, 159.745, 162, 162.295, 165.9, 168*, 170.3975, 172.02

UHF Range 1 (380 to 470 MHz) 381.535, 384, 389.49, 393.195, 396*, 397.4375, 405.38, 413.33, 414*, 415.5, 417.77, 420*, 421.28, 429.23, 429.544, 431.1, 432*, 432.613, 437.18125, 442.344, 445.13125, 450*, 460.8, 466.92, 468*

UHF Range 2 (450 to 520 MHz) 450, 453.6*, 456*, 460.8*, 462, 466.91875, 468*, 469.425, 470.4*, 474, 475.5*, 480, 486*, 487.2*, 491.49375, 492, 497.705, 498, 502.2, 504, 510, 516, 516.065

700/800 MHz (764 - 776 MHz, 851 MHz - 870 MHz) 856.3375, 857.7000, 860.7000, 862.2000, 863.7000, 864.0000, 867.3000

Ordering Requirements

Ordering procedure is as follows:

1 H46KDC9PW7BN ASTRO XTS 2500 Portable

- Q574 9600 Trunking Digital
- Operation

1B etc

1A

1. Order the ASTRO Digital XTS 2500 Portable Series as the main line item (H46KDC9PW7_N).

2. Each hardware model MUST be ordered with one Operating Mode. One Operating Mode Package MUST be ordered for each radio unit ordered. Choose between 9600 Trunking and 3600 Analog/ Digital Trunking Operation.

| SOFTWARE FEATURES SUPPORTED BY | | | | | | |
|--|--------------------------|--------------------------|-----------------------|----------------------------|--|--|
| Q574 Wide Area SmartZone / Q575 Wide Area SmartZone / Q443 Wide Area Analog SmartZone/ Q811 P25 Digital Conventional | | | | | | |
| | "ASTRO Digital"(Q575) | "ASTRO Digital"(Q574) | 3600 Analog (Q443) | P25 Conventional (Q811) | | |
| | Non-Project 25 | Project 25 | Type II | Project 25 | | |
| | (3600 Baud) | (9600 Baud) | (3600 Baud) | Conventional | | |
| RADIO WIDE FEATURES |] | | | | | |

| 16/48 | 16/48 |
|-----------------|-------------|
| 256 | 256 |
| 870 | 870 |
| Analog Only | Yes |
| Yes | Yes |
| All but ADP | Yes |
| Yes | Yes |
| May 04' | May 04' |
| Yes | Yes |
| Yes | Yes |
| | |
| | |
| Yes | Yes |
| No | No |
| Yes | Yes |
| nly Decode Only | Decode Only |
| Yes | Yes |
| Ily Decode Only | Decode Only |
| Ily Decode Only | Decode Only |
| Yes | Yes |
| Yes | Yes |
| | |
| Yes | Yes |
| Yes | Yes |
| | |
| | |
| No | Yes |
| Yes | Yes |
| No | - |
| No | Yes |
| | ſ, |
| Yes | No |
| Yes | No |
| Yes | Yes |
| Yes | No |
| | |

| Dual Mode Scan | Yes | No | Yes | No |
|---|--------|--------|--------|-----|
| Failsoft by Talkgroup | Yes | Yes | Yes | No |
| Telephone Interconnect Encode/Decode | Yes | Yes | Yes | No |
| System Wide Call (Receive Only) | Yes | No | Yes | No |
| Selective Radio Inhibit | Yes | Yes | Yes | No |
| Priority Monitor Scan | Yes | Yes | Yes | No |
| Dynamic Regrouping | Yes | Yes | Yes | No |
| Status/Message | No | No | No | No |
| Private/Enhanced Conversation Encode/Decode | Yes | Yes | Yes | No |
| Radio Check | No | No | No | No |
| Remote Monitor/Radio Trace | Yes | No | Yes | Yes |
| Reprogram Request | No | No | No | No |
| SmartZone Trunking Type II Only Features | | | | |
| Adaptive Power Control | Yes | Yes | Yes | No |
| Voice on Control | Future | Future | Future | No |
| SmartZone Automatic Site Registration | Yes | Yes | Yes | No |
| SmartZone RSSI Operation | Yes | Yes | Yes | No |
| SmartZone Preferred Site | Yes | Yes | Yes | No |
| SmartZone Forced Site Search | Yes | Yes | Yes | No |
| SmartZone Site Lock/Unlock | Yes | Yes | Yes | No |
| SmartZone Adjacent Control Channel OSW | Yes | Yes | Yes | No |
| Emergency Alarm Call Receive Indication | Yes | Yes | Yes | No |

Legend:

Blue=Feature to be added in a Future Release

FCC Information

FCC IDENTIFIER: AZ489FT3807

Name of Grantee: Motorola Solutions, Inc.

Equipment Class: Licensed Non-Broadcast Transmitter Held to Face Notes: Astro XTS2500 Digital Portable Radio Modular Type: Does not apply

| Frequency Output Frequ | iency Emission |
|---|-----------------|
| Grant Notes FCC Rule Parts Range (MHZ) Watts Tolera | ance Designator |
| BC 90.210 136.0 - 174.0 5.7 2.5 | PM 11K0F3E |
| BC 90 136.0 - 174.0 5.7 2.5 | PM 16K0F3E |
| BC 90.210 136.0 - 174.0 5.7 2.5 | PM 8K10F1D |
| BC 90.210 136.0 - 174.0 5.7 2.5 | PM 8K10F1E |
| BC 80 136.0 - 174.0 5.7 2.5 | PM 11K063E |
| BC 80 136.0 - 174.0 5.7 2.5 | PM 16K0F3E |
| BC 80 136.0 - 174.0 5.7 2.5 | PM 8K10F1D |
| BC 80 136.0 - 174.0 5.7 2.5 | PM 8K10F1E |

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

XTS 2500 PORTABLE RADIO SPEC SHEET

ASTRO Advanced Messaging Solution (AMS)

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

ASTRO Advanced Messaging Solution will be available on XTS 2500 Dual Display Portable radios. Advanced Messaging is NOT supported on XTS 2500 Top Display Portable radios.

Ordering ASTRO Advanced Messaging Solution for XTS 2500 Portable Requires:

- · XTS 2500 Dual Display
- · P25 Conventional (Q811)
- · Packet Data Interface (Q947)

OR

- · XTS 2500 Dual Display
- · ASTRO Project 25 Trunking Software (Q574/Q575)
- · Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Advanced Messaging Solution on the subscribers as the functionality is included in the Packet Data option. Also, the text messaging functionality carries a per-radio charge on the server side of \$50 (one time license fee to access messaging services) per radio. When adding query the fee is \$125 per radio. For additional ordering guidelines of the AMS feature which includes the server and radio license fees, please visit -

http://ecat.comm.mot.com/ecat/pricebooks/dup/MCCP.htm

| Models | | | |
|--|--------------|-----|-----------------|
| Description | Nomenclature | APC | Price |
| Options | | | |
| Accessories | | | |
| Enhancements | | | |
| Description | Nomenclature | APC | Price |
| ZEPHYR PSM APX SYSTEM BUNDLE | DDN1131 | 407 | \$1,920.00 |
| Motorola System bundle includes Software CD, gateway programming cable, configuration block, documentation. 1 Required per laptop | | | . , |
| ZEPHYR CARRYING CASE | DDN1132 | 571 | \$750.00 |
| ZEPHYR PSM RSM BUNDLE XS-MED | DDN1133 | 407 | \$883.00 |
| Motorola PSM bundle includes 1 BT BioHarness, 1 side strap (XS - Med), 1 remote speaker microphone | | 407 | \$000 00 |
| ZEPHYR PSM RSM BUNDLE MED-XL Motorola PSM bundle includes 1 BT BioHarness, 1 side strap (med ? XL), 1 remote speaker microphone | DDN1134 | 407 | \$883.00 |
| ZEPHYR BT REMOTE SPEAKER MIC (RSM) | DDN1135 | 571 | \$405.00 |
| NONIN BT FINGER BLOOD OXIMITRY SPO2 | DDN1136 | 571 | \$735.00 |
| Contains CNet Bluetooth V2.0 USB Adaptor containing drivers for wireless Bluetooth BP & SPO2 devices. | DENTIO | 011 | φ/ 00.00 |
| ZEPHYR BIOSHIRT RESPONDER - XXL | DDN1137 | 407 | \$186.00 |
| ZEPHYR BIOSHIRT RESPONDER - XL | DDN1138 | 407 | \$186.00 |
| ZEPHYR BIOSHIRT RESPONDER - LARGE | DDN1139 | 407 | \$186.00 |
| ZEPHYR BIOSHIRT RESPONDER - MED | DDN1140 | 407 | \$186.00 |
| ZEPHYR RSM CONFIGURATION BLOCK | DDN1141 | 571 | \$200.00 |
| ZEPHYR BIOSHIRT RESPONDER - SMALL | DDN1146 | 407 | \$186.00 |
| ZEPHYR OMNISENSE SW CD & DOCUMENTS | DDN1149 | 407 | \$1,500.00 |
| ZEPHYR BLUETOOTH BIOMODULE | DDN1150 | 407 | \$815.00 |
| ZEPHYR 4 BAY CHARGER W USA PLUGPACK | DDN1151 | 571 | \$220.00 |
| ZEPHYR XTS RID | DDN1159 | 407 | \$375.00 |
| ZEPHYR PSM RID BUNDLE XS-MED | DDN1160 | 571 | \$908.00 |
| Motorola PSM bundle includes 1 BT BioHarness, 1 side strap (XS - Med), 1 RID | DDNA404 | | \$000 |
| ZEPHYR PSM RID BUNDLE MED-XL Motorola PSM bundle includes 1 BT BioHarness, 1 side strap (med ? XL), 1 RID | DDN1161 | 571 | \$908.00 |
| | | | |
| Adapter | Name and A | | |
| Description | Nomenclature | APC | Price |

3.5 MM JACK ADAPTER WITH QUICK DISCONNECT LATCH

For use with 1, 2 & 3 wire earpiece.

| Antenna | | | | | |
|--|--|--|--|--|--|
| Description ANTENNA, 136-174MHZ WIDEBAND DIPOLE ANTENNA, 136-150.8MHZ WIDEBAND HELICAL ANTENNA, 150.8-162MHZ WIDEBAND HELICAL ANTENNA, 162-178MHZ WIDEBAND HELICAL | Nomenclature NAD6563 NAD6566 NAD6567 NAD6568 | APC 476 476 476 476 | Price \$24.00 \$16.50 \$16.50 \$16.50 | | |
| Battery | | | | | |
| Description IMPRES NIMH, 2000 MAH, 7.5V BATTERY-INTRINS SAFE (FM) - RUGGEDIZED IMPRES NIMH, 2000 MAH, 7.5V BATTERY - INTRINS SAFE (FM) IMPRESS NIMH, 2100 MAH, 7.5V BATTERY BATTERY STD IP54 LIION 2700M2900T | Nomenclature NNTN6263 NTN9857C NTN9858C PMNN4454AR | APC 453 453 453 453 | Price \$137.00 \$132.00 \$112.00 \$85.00 | | |
| Battery Maintenance Systems | | | | | |
| Description NA FLEET MANAGEMENT LICENSE KEY IMPRES BATTERY DATA READER Provides IMPRES battery users ability to access key usage data via PC. Compatible w/all IMPRES batteries (HT/PRO,TRBO & APX adapter included) FLEET MANAGEMENT CHRGR INTERFACE UNIT Multi-Unit Charger Interface Unit, attaches to an APX or XTS IMPRES multi-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIU is required for IMPRES chargers that report data to IMPRES Battery Fleet Management. | Nomenclature HKVN4036A NNTN7392 NNTN7677A | APC 785 785 291 | Price \$489.00 \$250.00 \$80.00 | | |
| Belt Clip(s) | | | | | |
| Description BELT CLIP 2 1/4" | Nomenclature HLN6853 | APC 271 | Price \$11.50 | | |
| Bluetooth, Mission Critical Wireless | | | | | |
| Description XTS BLUETOOTH ADAPTER | Nomenclature RMN5104A | APC 742 | Price \$179.00 | | |
| Cable(s) | | | | | |
| Description CABLE- PROGRAMMING USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. *PR1500- uses RVN4181 CPS - No RIB Box required. | Nomenclature RKN4105 | APC 261 | Price \$237.00 | | |
| CABLE - PROGRAMMING, RS232 F This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. | | 261 | \$251.00 | | |
| Carrying Case(s) | | | | | |
| Description LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. | Nomenclature NNTN4115 | APC 271 | Price \$60.00 | | |
| LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. | NNTN4116 | 271 | \$60.00 | | |
| LEATHER CASE W/SNAP BELT LOOP & T-STRAP Includes snap belt loop and t-strap. For NiCad or NiMH. | NNTN4117 | 271 | \$60.00 | | |
| LEATHER T-STRAP, PLAIN ACTION SNAP LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | | 476 476 | \$10.50 \$10.50 | | |
| Charger | | | | | |
| Description WALL MOUNT KIT FOR IMPRES MULTI-UNIT CHARGER Wall Mount Bracket for IMPRES Multi-Unit Charger | Nomenclature NLN7967 | 476 | Price \$21.00 | | |
| CHARGER, 110 VOLT, US PLUG VEHICULAR TRAVEL CHARGER Utilizes the cigarette lighter adapter. INCLUDES: mounting bracket, custom coil cord, and charger. Travel charger is best used and compatible with 2" belt clip. | NTN1667 RLN4884 | 476 785 | \$100.00 \$95.00 | | |
| SINGLE BASE ONLY | WPLN4114AR | 785 | \$160.00 | | |
| Charger Line Cords | | | | | |
| Description CHARGER, 220V LINE CORD Can be used on any of the single or multi unit chargers, or power supplies, to provide for domestic or international operation. | Nomenclature NTN7374 | APC 476 | Price \$17.25 | | |
| Commport Integrated Microphone/Receiver | | | | | |
| Description COMMPORT WITH PALM PTT | Nomenclature NTN1624 | APC 115 | Price \$419.00 | | |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. COMMPORT WITH PTT ON RADIO ADAPTER | NTN1625 | 115 | \$419.00 | | |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. COMMPORT WITH SNAP-ON SIDE PTT | NTN1736 | 115 | \$429.00 | | |

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS2500VHF.htm

| Earpieces | | | | | | |
|--|---------------------------|-------------------|--------------------------|--|--|--|
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved | Nomenclature AARLN4885 | APC 742 | Price \$25.00 | | | |
| EADBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). | BDN6780 | 742 | \$67.00 | | | |
| EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | BDN6781 | 742 | \$27.00 | | | |
| *XTS 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. *PR1500 - requires BDN6676 - Intrinsically Safe (FM) D CULLE DX CONTROL (CONTROL OF CONTROL OF | | 740 | \$10.00 | | | |
| D-SHELL RX-ONLY EARPIECE(3.5MM) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) | PMLN4620A PMLN5464 | 742 742 | \$19.00 \$395.00 | | | |
| EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BEIGE | RLN6230A RLN6241A | 742 742 | \$32.00 \$20.00 | | | |
| QUICK DISCONNECT ACOUSTIC TUBE | RLN6242A | 742 | \$7.90 | | | |
| EAR RCVR W/COIL CBL&3.5MM PLUG | WADN4190B | 742 | \$43.00 | | | |
| Headsets | | | | | | |
| Description HEADSET LIGHTWEIGHT | Nomenclature | APC 785 | Price \$149.00 | | | |
| Single Mulff Lightweight Headset with In-Line PTT Switch (requires BDN6676 audio adapter)- Intrinsically Safe (FM) EX500, EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | | 100 | φ110.00 | | | |
| MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT-NRR=24DB-INTRIN (FM) | NMN6258 | 742 | \$389.00 | | | |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET,BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) | NMN6259 | 742 | \$425.00 | | | |
| Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES | RMN4049 | 742 | \$225.00 | | | |
| Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features noise cancelling boom microphone and in-line PTT. | | | | | | |
| RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT | RMN5049 | 742 | \$340.00 | | | |
| Microphones | | | | | | |
| Description | Nomenclature | APC | Price | | | |
| SPKR MIC NON-SUBMSBL, GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When | HMN4084 | 372 | \$350.00 | | | |
| used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). GPS R2 SMART/NON-SUBM RSM FM | HMN4112A | 372 | \$350.00 | | | |
| GPS R2.0 RSM, 3.5mm audio jack XTS2500 compatibility requires B tanapa version hardware and radio host R10.00.00 or later | | | | | | |
| XTS5000 compatibility requires radio host cost R06.01.00 or later. FM compliant | | | ••••• | | | |
| GPS R2 SMART/SUBM RSM FM GPS R2.0 RSM, Submersible | HMN4113A | 372 | \$350.00 | | | |
| XTS2500 compatibility requires B tanapa version hardware and radio host R10.00.00 or later XTS5000 compatibility requires radio host cost R06.01.00 or later. FM compliant | | | | | | |
| RSM ADAPTER | NNTN4285A | 205 | \$5.00 | | | |
| REMOTE SPEAKER MICROPHONE, IP57 RSM W/MAN DOWN BUTTON | PMMN4038A RMN5038 | 372 372 | \$88.50 \$120.00 | | | |
| Multi Unit Chargers | | | | | | |
| Description | Nomenclature | APC | Price | | | |
| IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY IMPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAY | WPLN4108 R WPLN4110 R | 785 785 | \$788.00 \$788.00 | | | |
| | | 100 | ¢100.00 | | | |
| Public Safety Microphone(s) Description | Nomenclature | APC | Price | | | |
| PSM STRAIGHT CABLE 30IN | RMN5072B | 372 | \$160.00 | | | |
| PSM STRAIGHT CABLE 24IN PSM STRAIGHT CABLE 18IN | RMN5073B RMN5074B | 372 372 | \$160.00 \$160.00 | | | |
| | | | | | | |
| Description Surveillance | Nomenclature | APC | Price | | | |
| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) | BDN6664 | 742 | \$40.00 | | | |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter | | | | | | |
| is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | | | | |
| *PR1500 requires BDN6676 adapter. FM Approved COMPLETELY DISCREET EARPIECE KIT | RLN4922 | 742 | \$340.00 | | | |
| Wireless Earpiece, communicates to the radio through an inductive neckloop. The kit includes the wireless receiver, six spare batteries and five spare earguards | | | | | | |
| Customer Programming Software | | | | | | |
| Description | Nomenclature | | Price | | | |
| SOFTWARE,CPS R20.00.00 ASTRO 25 PORTABLE | RVN4181AV | 371 | \$265.00 | | | |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

ASTRO® Digital XTS 4000 Portable Series UHF Range 1 Wide Area SmartZone® "Handie-Talkie™" Radio Trunked Radio Systems

XTS 4000 Last Order Entry Date : June 1, 2014

XTS 4000 Last Scheduled Ship Date: September 30, 2014

XTS 4000 Notification of Intent to Cancel Memo

** Alternative products include the APX Series **-APX3000

Special Note for United States - State & Local Markets only:

In accordance with FCC mandate, the XTS 2500 UHF R1 & UHF R2 products operating on Part 90 frequencies will be restricted to 12.5kHz or narrower operations on Jan. 1, 2013

****Please note that NEW version of Customer Programming Software (CPS) (Part # RVN4181/ RVN4186) is required for initial customer orders for XTS radios. ****

Ship Card

The XTS 4000 is the ideal solution in surveillance covert type operations where reliable secure communications is a must. Designed to resemble the appearance of today's consumer cellular communication devices, the XTS 4000 allows agents to blend right into the crowd. Our digital ASTRO 25 portable radio delivers high quality communication in a light and discrete package for those critical undercover situations.

The following limitation must be considered before ordering:

- Significant Coverage Reduction: The radio has a maximum power output of 2W and utilizes a small covert antenna. These design elements result in limited coverage as compared to XTS 2500 or XTS 5000.
- Range: The best case condition is with antenna up and the radio been used in front of the face. In this mode the range is approximately 2 miles range depending on the surrounding environment. With the antenna down and the radio on the belt, the range will be reduced.
- Battery Capacity: Standard Battery capacity is 630 mAh (LiIon only) and offers about 4 hours at 5/5/90 duty cycle.
- XTS 4000 has all unique Accessories and Cables: XTS 4000 is NOT compatible with XTS 5000/2500/1500 accessories. Customers will need to purchase new programming cables, chargers, and keyloading cables for use with XTS 4000.
- Band Availability: Only offered in VHF (3 antenna splits) and UHF R1 380- 470 MHz.

Hydra Coverage Simulation:

It is highly recommended that customers interested in the XTS 4000 also engage the System Deployment team who can utilize tools to simulate the coverage offered by the XTS 4000 radio. Hydra, an engineering application used to model performance of wireless communications systems, can assist the customer in understanding the impact of the reduced footprint of the XTS 4000 on a customer system. This information could be instrumental in helping the customer identify if the XTS 4000 is the right product for them and whether a PDR3500 or DVRS solution would make sense. (Link to be added)

E3 Hold Notice:

Customer or sales must acknowledge that they are aware the transmit power is 2 watt max output, and the standard shipping Li-ion battery capacitance is 630 mAh which computes to 4 hrs of operating using a 5-5-90 duty cycle.

You may complete this acknowledgement form and submit to the product planner upon ordering to avoid delays. To view this document click <u>here</u>

Portable Repeater (optional)

The PDR 3500 is a single channel portable conventional repeater unit in a suitcase that allows range extension for conventional units. This solution can help with extending the conventional range of the XTS 4000 in low RF signal areas. For additional information, please refer to the PDR 3500 price pages located here.

DVRS (optional)

The Digital Vehicular Repeater System (DVRS) is a single channel vehicle based on-scene repeater with system pass-though capabilities that allow system range extension for specially configured local radio units. This solution can help with extending the system or conventional range of the XTS 4000 in low RF signal areas. For additional information, please refer to the DVRS price pages located <u>here</u>.

The links below go to the specific ECAT price pages for the different DVRS models. From those price pages information on specific model pricing and orderable options can be seen as well as ordering guide information.

- Digital Vehicular Repeater VHF
- Digital Vehicular Repeater UHF
- Digital Vehicular Repeater 700 MHz
- Digital Vehicular Repeater 800 MHz

Features

General Ordering Requirement and Information when ordering XTS 4000 Radio

All ASTRO Digital XTS4000 packaged models include the following hardware features:

- o 2 Li Ion Batteries (NNTN6944)
- Plastic Holster
- $\circ~$ Encryption Module equipped with DES-XL/DES-OFB/AES/DVP-XL and OTAR
- o 1 Antenna 380-470 MHz
- User Guide/CD Manual
- Quick Starter Guide

Ordering Instruction

NOTE: XTS 4000 is offered in two different Digital packages (Conventional or Conventional & Trunking). Additional options are available, but not required.

Conventional Package (H44) includes the following:

 Digital ASTRO Conventional, PTT- ID, Remote Monitor One Touch, Repeater Access, Conventional Vote Scan, and Conventional Radio Cloning

Conventional & Trunking Package (H45) includes the following:

- o 3600 Digital SmartZone, ASTRO 25 Trunking, PTT-ID, Remote Monitor, One Touch, Repeater Access, Omnilink
- All of the features included in the Conventional Package (H44)

NOTE: Please be advised of the Relative Radiated Received Sensitivity:

Self-Quieting Frequency List (within +/-12.5kHz)

| ~ 381.5400 | ~ 413.3350 | ~ 437.1800 | ~ 453.0800 | ~468.9750 |
|------------|------------|------------|------------|-----------|
| ~ 389.4900 | ~ 417.7650 | ~ 437.2900 | ~ 457.4875 | |
| ~ 393.1900 | ~ 421.2850 | ~ 442.3400 | ~ 461.0250 | |
| ~ 397.4400 | ~ 429.2100 | ~ 445.1300 | ~ 466.2400 | |
| ~ 405.3850 | ~ 429.2300 | ~ 446.7188 | ~ 466.9150 | |
| | | | | |

ASTRO Advanced Messaging Solution (AMS)

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

ASTRO Advanced Messaging Solution will be available on XTS 4000 Portable radios. Advanced Messaging is NOT supported on XTS 4000 Top Display Portable radios.

Ordering ASTRO Advanced Messaging Solution for XTS 4000 Portable Requires:

- XTS 4000 Dual Display
- ASTRO Digital CAI Operation (Q806)
- P25 Conventional (H44)
- Packet Data Interface (Q947)
- OR
- XTS 4000 Dual Display
- ASTRO Digital CAI Operation (Q806)
- ASTRO Project 25 Trunking Software (H45)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Advanced Messaging Solution on the subscribers as the functionality is included in the Packet Data option. Also, the text messaging functionality carries a per-radio charge on the server side of \$50 (one time license fee to access messaging services) per radio. When adding query the fee is \$125 per radio. For additional ordering guidelines of the AMS feature which includes the server and radio license fees, please visit -

http://ecat.comm.mot.com/ecat/pricebooks/dup/MCCP.htm

| Models | | | | |
|---|--------------|-----|----------|--|
| Description | Nomenclature | APC | Price | |
| Opti | ons | | | |
| Acces | sories | | | |
| Ante | nna | | | |
| Description | Nomenclature | APC | Price | |
| ANTENNA 380-470MHZ | NAE6552 | 654 | \$25.00 | |
| ANTENNA 380 - 470 MHZ | NAE6553A | 654 | \$20.00 | |
| Batt | erv | | | |
| Description | Nomenclature | APC | Price | |
| XTS4000 BATT LI_ION 630MAH EACH (NNTN6944) | NNTN6944AR | 453 | \$90.00 | |
| Char | ger | | | |
| Description | Nomenclature | APC | Price | |
| XTS4000 CHARGING CRADLE ADAPTER | NNTN6937A | 785 | \$42.00 | |
| XTS4000 AC CHARGER | NNTN6938A | 785 | \$105.00 | |
| XTS4000 DC VEHICULAR CHARGER | NNTN6939A | 785 | \$105.00 | |
| Power | Supply | | | |
| Description | Nomenclature | APC | Price | |
| XTS4000 INSERT FOR IMPRES, 5000 SINGLE UNIT CHARGER | PMLN5429A | 785 | \$25.00 | |
| UNDEF | | | | |
| Description | Nomenclature | APC | Price | |
| | Tomonolataro | | | |

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS4000UHF.htm

| XTS4000 - 3 WIRE SURV. KIT W/ QUICK DISCONNECT | RLN6476A | 742 | \$150.00 |
|--|--------------------------|-------------------|--------------------------|
| Miscellaneous | | | |
| Description RS232 XTS4000 PROGRAMMING CABLE | Nomenclature NKN1027A | APC 654 | Price \$251.00 |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

ASTRO® Digital XTS 4000 Portable Series VHF Wide Area SmartZone® "Handie-Talkie™" Radio Trunked Radio Systems

XTS 4000 Last Order Entry Date : June 1, 2014

XTS 4000 Last Scheduled Ship Date: September 30, 2014

XTS 4000 Notification of Intent to Cancel Memo

** Alternative products include the APX Series **-APX3000

Special Note for United States - State & Local Markets only:

In accordance with FCC mandate, the XTS 2500 VHF products operating on Part 90 frequencies will be restricted to 12.5kHz or narrower operations on Jan. 1, 2013

****Please note that NEW version of Customer Programming Software (CPS) (Part # RVN4181/ RVN4186) is required for initial customer orders for XTS radios. ****

Ship Card

The XTS 4000 is the ideal solution in surveillance covert type operations where reliable secure communications is a must. Designed to resemble the appearance of today's consumer cellular communication devices, the XTS 4000 allows agents to blend right into the crowd. Our digital ASTRO 25 portable radio delivers high quality communication in a light and discrete package for those critical undercover situations.

The following limitation must be considered before ordering:

- Significant Coverage Reduction: The radio has a maximum power output of 2W and utilizes a small covert antenna. These design elements result in limited coverage as compared to XTS 2500 or XTS 5000.
- **Range:** The best case condition is with antenna up and the radio been used in front of the face. In this mode the range is approximately **1** miles range depending on the surrounding environment. With the antenna down and the radio on the belt, the range will be reduced.
- Battery Capacity: Standard Battery capacity is 630 mAh (LiIon only) and offers about 4 hours at 5/5/90 duty cycle.
- XTS 4000 has all unique Accessories and Cables: XTS 4000 is NOT compatible with XTS 5000/2500/1500 accessories. Customers will need to purchase new programming cables, chargers, and keyloading cables for use with XTS 4000.
- Band Availability: Only offered in VHF (3 antenna splits) and UHF R1 380- 470 MHz.

Hydra Coverage Simulation:

It is highly recommended that customers interested in the XTS 4000 also engage the System Deployment team who can utilize tools to simulate the coverage offered by the XTS 4000 radio. Hydra, an engineering application used to model performance of wireless communications systems, can assist the customer in understanding the impact of the reduced footprint of the XTS 4000 on a customer system. This information could be instrumental in helping the customer identify if the XTS 4000 is the right product for them and whether a PDR3500 or DVRS solution would make sense. (Link to be added)

E3 Hold Notice:

Customer or sales must acknowledge that they are aware the transmit power is 2 watt max output, and the standard shipping Li-ion battery

capacitance is 630 mAh which computes to 4 hrs of operating using a 5-5-90 duty cycle.

You may complete this acknowledgement form and submit to the product planner upon ordering to avoid delays. To view this document click <u>here</u>

Portable Repeater (optional)

The PDR 3500 is a single channel portable conventional repeater unit in a suitcase that allows range extension for conventional units. This solution can help with extending the conventional range of the XTS 4000 in low RF signal areas. For additional information, please refer to the PDR 3500 price pages located here.

DVRS (optional)

The Digital Vehicular Repeater System (DVRS) is a single channel vehicle based on-scene repeater with system pass-though capabilities that allow system range extension for specially configured local radio units. This solution can help with extending the system or conventional range of the XTS 4000 in low RF signal areas. For additional information, please refer to the DVRS price pages located <u>here</u>.

The links below go to the specific ECAT price pages for the different DVRS models. From those price pages information on specific model pricing and orderable options can be seen as well as ordering guide information.

- Digital Vehicular Repeater VHF
- Digital Vehicular Repeater UHF
- Digital Vehicular Repeater 700 MHz
- Digital Vehicular Repeater 800 MHz
- •

Features

General Ordering Requirement and Information when ordering XTS 4000

All ASTRO Digital XTS4000 packaged models include the following hardware features:

- o 2 Li Ion Batteries (NNTN6944)
- \circ 1 Antenna 164-174MHz. If this antenna is not desired you may choose one from the antenna section below.
- Plastic Holster
- o Encryption Module equipped with DES-XL/DES-OFB/AES/DVP-XL and OTAR
- User Guide/CD Manual
- Quick Starter Guide

Ordering Instruction

NOTE: XTS 4000 is offered in two different Digital packages (Conventional or Conventional & Trunking). Additional options are available, but not required.

Conventional Package (H44) includes the following:

 Digital ASTRO Conventional, PTT-ID, Remote Monitor One Touch, Repeater Access, Conventional Vote Scan, and Conventional Radio Cloning

Conventional & Trunking Package (H45) includes the following:

- o 3600 Digital SmartZone, ASTRO 25 Trunking, PTT-ID, Remote Monitor, One Touch, Repeater Access, Omnilink
- o All of the features included in the Conventional Package (H44)

NOTE: Please be advised of the Relative Radiated Received Sensitivity:

Self-Quieting Frequency List (within +/-12.5kHz)

| ~ 136.6730 | ~ 165.9000 |
|------------|------------|
| ~ 143.0680 | ~ 167.6450 |
| ~ 147.4470 | ~ 170.4000 |
| ~ 153.6000 | ~ 172.0230 |
| ~ 158.2230 | ~ 172.6950 |
| ~ 161.2475 | |

ASTRO Advanced Messaging Solution (AMS)

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

ASTRO Advanced Messaging Solution will be available on XTS 4000 Portable radios. Advanced Messaging is NOT supported on XTS 4000 Top Display Portable radios.

Ordering ASTRO Advanced Messaging Solution for XTS 4000 Portable Requires:

- XTS 4000 Dual Display
- ASTRO Digital CAI Operation (Q806)
- P25 Conventional (H44)
- Packet Data Interface (Q947)
 - OR
- XTS 4000 Dual Display
- ASTRO Digital CAI Operation (Q806)
- ASTRO Project 25 Trunking Software (H45)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Advanced Messaging Solution on the subscribers as the functionality is included in the Packet Data option. Also, the text messaging functionality carries a per-radio charge on the server side of \$50 (one time license fee to access messaging services) per radio. When adding query the fee is \$125 per radio. For additional ordering guidelines of the AMS feature which includes the server and radio license fees, please visit -

http://ecat.comm.mot.com/ecat/pricebooks/dup/MCCP.htm

| Models | ; | | |
|--|---------------------------|------------|---------------------|
| Description | Nomenclature | APC | Price |
| Options | 5 | | |
| Accessor | ies | | |
| Antenna | a | | |
| Description | Nomenclature | APC | Price |
| ANTENNA 145 - 166 MHZ ANTENNA 136 - 151 MHZ | NAD6581A NAD6582A | 654 | \$29.00 \$32.00 |
| ANTENNA 136 - 151 MHZ ANTENNA 162.0 - 174.0 MHZ | NAD6582A NAD6583A | 654 654 | \$32.00 \$29.00 |
| Battery | , | | |
| Description | Nomenclature | APC | Price |
| XTS4000 BATT LI_ION 630MAH EACH (NNTN6944) | NNTN6944AR | 453 | \$90.00 |
| Charge | r | | |
| Description | Nomenclature | APC | Price |
| XTS4000 CHARGING CRADLE ADAPTER XTS4000 AC CHARGER | NNTN6937A NNTN6938A | 785 785 | \$42.00 \$105.00 |
| XTS4000 AC CHARGER XTS4000 DC VEHICULAR CHARGER | NNTN6939A | 785 | \$105.00 |
| | | 100 | ψ100.00 |
| Power Sup | | | D elta a |
| Description XTS4000 INSERT FOR IMPRES, 5000 SINGLE UNIT CHARGER | Nomenclature PMLN5429A | APC 785 | Price \$25.00 |
| ATO TOUT INDERT FOR IMPRES, JULU SINGLE UNIT CHARGER | | 100 | φ 2 0.00 |

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS4000VHF.htm

| UNDEFINE | ED | | |
|--|--------------|-----|----------|
| Description | Nomenclature | APC | Price |
| XTS4000 - 3 WIRE SURV. KIT W/ QUICK DISCONNECT | RLN6476A | 742 | \$150.00 |
| Miscellane | ous | | |
| Description | Nomenclature | APC | Price |
| RS232 XTS4000 PROGRAMMING CABLE | NKN1027A | 654 | \$251.00 |
| USB PROGRAMMING CABLE | NKN1029A | 654 | \$380.00 |
| | | | |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

XTS 5000 Last Order Entry Date : October 31, 2013

XTS 5000 Last Scheduled Ship Date: November 30, 2013

XTS 5000 Notification of Intent to Cancel Memo

** Alternative products include the APX Series **-<u>APX7000</u> / <u>APX7000XE</u> / <u>APX6000</u>/ <u>APX6000XE</u>

> ASTRO® Digital XTS 5000[™] Portable Series UHF RANGE 1 / TYPE 1 Encryption SMARTNET® "Handie-Talkie[™]" Radio Conventional/ Secure/ Trunked Radio Systems



Special Note for United States - State & Local Markets only:

In accordance with FCC mandate, the XTS 5000 UHF R1 & UHF R2 products operating on Part 90 frequencies will be restricted to 12.5kHz or narrower operations on Jan. 1, 2013

Ship Card

Features

All ASTRO Digital XTS 5000 packaged models include the following hardware features:

- 3 Programmable Side Buttons
- Orange Emergency Button
- Illuminated 16 Position Mode Rotary Select Switch
- Angled On/Off Volume
- Low Battery Alert Tone
- Antenna (Band split and Type Dependent on Band Option)
- Smart Battery Technology
- Noise Reduction Software

- 1 Top Mounted Programmable Two Position Concentric Switch
- 1 Top Mounted Programmable Three Position Toggle Switch
- Weather Sealed Universal Connector
- Bi-Color LED Indicator
- Nickel Metal Hydride Battery
- Detachable Belt Clip
- ASTRO 25
- Audio Gain Control

ASTRO Digital XTS 5000 Model III also include:

- Full Keypad for Private Call
- 6 Lines Alphanumeric Display
- Date and Time Stamp

- Keypad Tone Mute
- Large Navigational Keypad
- Real Time Clock

All ASTRO Digital XTS 5000 Portables are part of the FLASHport® program and ship standard with a FLASH EE Prom, which allows for feature and system upgrades (contingent upon remaining within the same RF deck.)

Physiological Monitoring Solution

Physiological Monitoring is now available on the ASTRO 25 XTS5000 and XTS2500 portable radios. The Zephyr BioHarness[™] BT couples the pioneering Smart Fabric sensor technology of the comfortable and unobtrusive BioHarness[™] garment with the power and ubiquity of Bluetooth®. BioHarness[™] BT enables the capture and transmission of comprehensive physiological data on the wearer exclusively via MOTOROLA ASTRO RADIOS – enabling genuine remote monitoring of human performance and condition in the real world.

The BioHarness[™] BT can be used in a diverse range of areas including sports, defense, first responder and healthcare. Its professional-grade BioHarness[™] system monitors conditions such as heat state, dehydration or injury by measuring vital signs including heart rate, breathing rate, skin temperature, posture and activity. Using the subject's voice radio, the BioHarness communicates to monitoring software designed to give real-time alerts and post-event analysis.

BioHarness[™] BT can be worn in virtually any environment – from combat situations to the training field. It maintains performance under extreme activity. Offering fast, accurate collection and analysis of high-quality, in-depth data, BioHarness[™] BT is the definitive product for remote physiological monitoring in all conditions.

Zephyr Physiological Monitoring Ordering Guide

General Information

The ASTRO Digital XTS 5000 Portable Line offers three different radio hardware models:

| Hardware Model | Modes | Alphanumeric Display | Keypad | Navigation Pad |
|--------------------------|-------|----------------------|--------|----------------|
| | | Lines/Characters | | |
| | | Per Line | | |
| ASTRO XTS 5000 Model I | 48 | None | None | No |
| ASTRO XTS 5000 Model II | 1000 | 6/12/front mount | 3 x 2 | Yes |
| ASTRO XTS 5000 Model III | 1000 | 6/12/front mount | 3 x 6 | Yes |

Operating Modes

ASTRO Digital XTS 5000 Radio Models are capable of operating in three different voice communication modes:

Normal Analog (clear voice)
 3.6KB ASTRO Digital (both clear and coded voice)
 9.6KB ASTRO 25 Digital (both clear and coded voice)

The mode of operation is programmed on a channel-by-channel basis. With the coded/clear switch set to the clear mode, the ASTRO Digital XTS 5000 radio is capable of transmitting clear analog voice or clear (unencrypted) ASTRO digital voice, depending on the channel programming. With the coded/clear switch set to the coded mode, the ASTRO Digital XTS 5000 radio will transmit ASTRO Digital Encryption depending on the channel programming. ASTRO digital encryption provides communications security. ASTRO Digital Encryption (operating in encrypted mode while also operating in the 3.6KB or 9.6 KB ASTRO mode) is capable of XL type encryptions; ASTRO Digital Encryption Does not operate with non-XL encryptions.

An Encryption Option is not required for either clear analog operation or clear ASTRO digital operation. Encryption can be ordered with the ASTRO Digital XTS 5000 radio either as a factory installed option or separate from the radio for later field installation. ASTRO Digital XTS 5000 radio functions include selected ASTRO digital signaling and digital speech coding.

Please note that the XTS5000 does NOT support FRED.

CHANNEL SPACING

There are no maximum frequency separation conditions that must be adhered to on the ASTRO Digital XTS 5000 Portable Radio Series. Separation of frequencies can be as wide as the allowable sub-band per radio model with no degradation of any performance specifications. If an incorrect antenna is used, degraded performance may be experienced.

FLASHport AFTERMARKET UPGRADES

The ASTRO Digital XTS 5000 Portable Series Radios are part of the FLASHport Program. This means that ASTRO Digital XTS 5000 hardware models can be loaded with different software packages that provide the features and functionalities that your customers require. Three different hardware models are available in each band split.

System Enhancement Options can be loaded at the time of radio purchase or at a later date through the use of software field upgrades (a RS232 cable or USB cable are required for all software upgrades.) The ASTRO Digital XTS 5000 portable can be upgraded electronically in the field with new features in the current system or to new systems operation (contingent upon remaining within the same RF sub-band) by ordering upgrade kits.

Ordering Requirements

Ordering procedure is as follows...

- 1 H18UCH9PW N ASTRO XTS 5000 Portable
- 1A Q806 Digital Operation
- 1B H38 SmartZone® Operation
- 1C ETC.
- 1. Order the ASTRO Digital XTS 5000 Portable Series as the main line item (H18UCH9PW7_N).
- 2. Each hardware model MUST be ordered with one Operating Mode. One Operating Mode for each radio unit ordered. Choose between Analog or Digital Operation.
- Each Hardware model MUST be ordered with one System Software Package. One System Software Package for each radio unit ordered.
 - The matrix below list available radio wide, conventional features, and standard trunking features for SMARTNET (H37) and SmartZone (H38) System Packages.
 - The SmartZone features listed in the second matrix are available in the SmartZone (H38) package ONLY.
- 4. Select ANY desired System Enhancement Options
 - System Enhancement Options can be loaded at the time of radio purchase or at a later date through the use of software field upgrades (a RS232 cable or USB cable are required for all software upgrades.)

| H37 "SMARTNET"/H38 "SmartZone" | | | |
|---|-------------------------------|-----------------------------------|---------------------------|
| | "Analog Operation"(Q241) | "ASTRO Digital"(H38/Q806/Q361) | |
| | Non-Project 25 (3600 Baud) | Non-Project 25 (3600 Baud) | Project 25 (9600 Baud) |
| RADIO WIDE FEATURES | | | |
| Maximum Modes |] | | |
| ASTRO Digital XTS 5000 Model I | 16/48 | 16/48 | 16/48 |
| ASTRO Digital XTS 5000 Model II & III | 1000 | 1000 | 1000 |
| Analog and Digital Operation | - | Yes | Yes |
| 12.5/20/25 KHz Programmable Channels | Yes | Yes | Yes |
| Secure Capable | No | Yes | Yes |
| One Touch Operation | Yes | Yes | Yes |
| Real Time Clock | Yes | Yes | Yes |
| Surveillance Mode | Yes | Yes | Yes |
| Keypad Lock | Yes | Yes | Yes |
| Radio Lock | Yes | Yes | Yes |
| Smart Battery | Yes | Yes | Yes |
| Radio Wide Transmit Inhibit | Yes | Yes | Yes |
| Time Out Timer | Yes | Yes | Yes |
| FLASHport | Yes | Yes | Yes |
| ANALOG CONVENTIONAL FEATURES | | | |
| Conventional Features are additional radio wide features beyond those specified above. | | | |
| CSQ/PL/DPL | Yes | Yes | Yes |
| Dual Priority Channel Scan | Yes | Yes | Yes |
| Adaptive Power Control | Yes | Yes | Yes |
| Repeater/Talkaround Operation | Yes | Yes | Yes |
| Scan (Auto, Pre-programmed, Operator Selectable) | Yes | Yes | Yes |
| Smart PTT | Yes | Yes | Yes |
| Monitor | Yes | Yes | Yes |
| DTMF Tone Generation | Yes | Yes | Yes |
| DIGITAL CONVENTIONAL SIGNALING FEATURES | | | |
| These features are APCO Project 25 Conventional Interoperable Features when used in the ASTRO Digital CAI Mode (Q806). | | | |

| Unaddressed Voice Call | - | Yes | Yes |
|---|--------|--------|-------------|
| Talk Group Call | - | Yes | Yes |
| Group Call Alert™ | - | Yes | Yes |
| Talk Group Identification (TGID) | - | Yes | Yes |
| Selective Call (Individual Voice Call) | - | Yes | Yes |
| Selective Call Decode (Individual Voice Call) | - | Yes | Yes |
| PTT ID (Individual Identification) | - | Yes | Yes |
| Call Alert Encode/Decode | - | Yes | Yes |
| Emergency Alarm w/Channel Revert & Ack. | - | Yes | Yes |
| Telephone Interconnect | - | Yes | Yes |
| Unlimited (Model III Only) | - | Future | Future |
| Selective Radio Inhibit | - | Yes | Yes |
| Radio Check | - | Yes | Yes |
| Status/Message | - | Yes | Yes |
| Trunking Type II Only Features | | | |
| Maximum Number of Trunked Systems-20 | Yes | Yes | Yes |
| Talkgroup Calls | No | Yes | Yes |
| PTT ID (H14 option required) | Yes | Yes | Yes |
| Call Alert Encode/Decode | | | Yes |
| Dual Mode Scan | Yes | Yes | Yes |
| Failsoft by Talkgroup | Yes | Yes | Yes |
| Telephone Interconnect Encode/Decode | Yes | Yes | Yes |
| System Wide Call (Receive Only) | Yes | Yes | Yes |
| Selective Radio Inhibit | Yes | Yes | Yes |
| Priority Monitor Scan | Yes | Yes | Yes |
| Dynamic Regrouping | Yes | Yes | Yes |
| Status/Message | Yes | Yes | Status Only |
| Private/Enhanced Conversation Encode/Decode | Yes | Yes | Yes |
| Remote Monitor/Radio Trace | Yes | Yes | No |
| Reprogram Request | Future | Future | Future |

| SOFTWARE FEATURES SUPPORTED BY | | | | | |
|---|---------------------------|-------------------------------|---------------------------------|--|--|
| | H38 "SmartZone" | | | | |
| | "Analog Operation" (Q241) | "ASTRO Digital" (Q806) | "ASTRO Digital" (H37/Q806/Q361) | | |
| | | Non-Project 25 (3600 Baud) | Project 25 (9600 Baud) | | |
| Trunking Type II Only Features | | | | | |
| Voice on Control | Future | Future | Future | | |
| SmartZone Automatic Site Registration | Yes | Yes | Yes | | |
| SmartZone RSSI Operation | Yes | Yes | Yes | | |
| SmartZone Preferred Site | Yes | Yes | Yes | | |
| SmartZone Forced Site Search | Yes | Yes | Yes | | |
| SmartZone Site Lock/Unlock | Yes | Yes | Yes | | |
| SmartZone Adjacent Control Channel OSW | Yes | Yes | Yes | | |
| Emergency Alarm Call Receive Indication | Yes | Yes | Yes | | |

| LIMITED MDC FEATURES | | |
|---|-------------|--|
| Offered in 6.3 | | |
| MDC PTT ID ENCODE/DECODE | YES | |
| MDC Selective Radio Inhibit | Decode ONLY | |
| MDC Call Alert | Yes | |
| MDC Radio Check | Decode ONLY | |
| MDC Voice Selective Call | Yes | |
| MDC Remote Monitor | Decode ONLY | |
| MDC Call Lists (Call Alert / Select Call) | Yes | |
| MDC Emergency | Yes | |

CONVENTIONAL FACTORY PROGRAMMING

ASTRO Digital XTS 5000 portables ship without customer specific factory programming unless a programming options is specified.

FREQUENCY AND SQUELCH CODES

Although some models of the ASTRO Digital XTS 5000 are capable of 512 channels, the factory can accommodate the programming of only 128 continuous channels in any one radio. If the programming of more than 128 continuous channels is desired, field programming software must be used. **Programming of the following frequencies is not allowed: 386.4000, 396.0000, 403.2000, 414.0000, 420.0000, 432.0000, 436.8000, 450.0000, 453.6000 and 468.0000**.

H477 ADD: Frequency & Squelch Data No Charge

ZONED OPERATION

This option converts MODE-ONLY ASTRO Digital XTS 5000 portables to Zone Operation radios. A maximum of 16 RX and TX pairs can be placed into a zone. There is a maximum of three zones (48 modes) on the "I" Model, with zone operation programmed to the programmable top mounted two-position concentric switch. There is a maximum of 16 zones (512 modes) on the "II" and "III" models, and the zones will be programmed to be selected from the keypad. The factory can only accommodate the programming of only 128 continuous channels consisting of any combination of zones and channels and minimum of 32 channels with two zones on the "II" models. When you ordering H477, H371 must be ordered.

PROJECT 25 ENCRYPTION

When ordering any of the Encryption Algorithm:

- Must order the Encryption UCM Hardware (Q159)
 - The DES-OFB and AES encryptions offered are compliant with digital Project 25 standards and does not support analog encryption operation.
 - Requires the ASTRO Digital CAI (Q806) to operate the DES-OFB and AES encryption.
- If ordering a Dual Encryption:
 - The non-OFB encryption (XL versions) can be operated in either analog, or CAI digital mode, but will not be Project 25 compliant.
 - Requires the Multikey (H869).
- When used in CAI mode, the non-OFB Encryption will not be Project 25 compliant.
- Encryption UCM Hardware (Q159) module may be ordered without an Encryption Algorithm for later upgrade in the field.

FIELD INSTALLED PROJECT 25 ENCRYPTION

The DES-OFB and AES encryptions offered are compliant with Project 25 standards. Operation of DES-OFB and/or AES encryption requires the ASTRO Digital CAI (Q806) option. Radios can be upgraded via FLASHport to CAI operation.

- If ordering a Dual Encryption:
 - The non-OFB encryption can be operated in analog or CAI mode (only XL versions operate in either digital mode).
 - Requires the Multikey (H869).
- When used in the CAI mode, the non-OFB encryption will not be Project 25 compliant.

FIPS 140-2 Compliance

Encryption Modules equipped with AES are FIPS 140-2 compliant. Further information regarding FIPS 140-2 certification may be found using the following links:

FIPS 140-2 Crypto Module Validation Program (CMVP)

NIST Cryptographic Module Validation Lists

FM INFORMATION

The XTS 5000 portable radio when properly equipped with options Q393AN and Q393RUGDAR are Factory Mutual (FM/CSA) Approved as intrinsically safe for use in Class I, II, III, Division 1, Group C, D, E, F, and G and Nonicendive Class I, Division 2, Group A, B, C and D, when ordered without encryption modules.

The XTS 5000 portables equipped with UCM encryption modules and options Q393AP and Q393RUGDAQ are FM/CSA Approved as Intrinsically Safe for use in Class I, II, III, Division 1, Group D, F, G and Nonicendive for use in Class I, Div 2, Group A, B, C, D only.

XTS 5000 FM/CSA approved portable radio models installed with Type 1 encryption module (Q374 or Q400), are intrinsically safe for use in the Nonicendive, Class I, Division 2, Groups A, B, C, D, when used with Motorola FM/CSA approved battery options Q393AV and Q393RUGDAW or H223CP and H223RUGDCW. Type 1 is not offered on either the 700/800 or UHF R2 bands.

ASTRO Text Messaging Service

ASTRO Text Messaging Service will be available on ASTRO 25 XTS 5000, XTS 2500 Portable radios and ASTRO 25 XTL 5000, XTL 2500 Mobile radios. Text Messaging Service (TMS) allows subscriber users to send and receive text messages to other subscribers or dispatch

operators. Users can select messages and addresses from a predefined list or enter freeform text messages and addresses via the keypad. Text Messaging Service is available on ASTRO Trunked IV&D Systems and Subscribers. Subscribers must have version R09.00.00 or later of both Customer Programming Software (CPS) and Radio software.

For full Text Messaging functionality, including freeform text messaging and addressing, must order Model III XTS5000 portables. Model II versions support Limited Text Messaging functionality such as selecting predefined messages or addresses from a list programmed in the radio. Text messaging service is NOT supported on Model I Portables. Ordering requirements for XTS 5000 Portable:

- Requires Model II or Model III XTS 5000
- ASTRO Digital CAI Operation (G806)
- SmartZone Operation (H38)
- ASTRO Project 25 Trunking Software (Q361)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Text Messaging Service on the subscribers as the functionality is included in the Packet Data option.

•

Outdoor Personnel Location Global Positioning Satellite (GPS) Feature

The personnel outdoor location tracking GPS feature enables a dispatcher the ability to locate on-foot patrols and out of the vehicle officers who are involved in life threatening situations. The radio user's GPS position information is sent over the ASTRO 25 Integrated Voice & Data (IV&D) network and is delivered to the dispatch operator using a third party mapping display application at the dispatch center (*Mapping Application is not yet available through Motorola at this time, however an Application Developers Tool Kit is available for 3rd party vendors to use to modify existing applications. See link below for more details.)*

This capability is now available on ASTRO 25 Conventional IV&D Systems and ASTRO 25 Trunking IV&D Systems on XTS 5000 Models I, II, III and Ruggedized with appropriate radio software (see below).

Required equipment for operating in ASTRO 25 Conventional IV&D and ASTRO 25 Trunking IV&D Systems is as follows:

| | ASTRO 25 Conventional IV&D | ASTRO 25 Trunking |
|---|--|----------------------------|
| Radio Software | Version R09.00.00 or later | Version R09.00.(|
| Customer Programming Software (CPS) | Version R09.00.00 or later (RVN4181) | Version R09.00.00 or later |
| ASTRO CAI operation | Q806 | Q806 |
| System Enhancement Software | H35 (or H37, H38 in Conventional Mode) | H38 |
| ASTRO Project 25 Trunking Software | | Q361 |
| GPS Remote Speaker Microphone/GPS Remote Speaker Microphone with Earjack | HMN4080 or HMN4084 | HMN4080 or HMN4 |

For fielded XTS 5000 Portables that are already Conventional IMBE Digital Enabled or Trunking IMBE Digital Enabled, see FLASHport upgrade Price Pages to order a software refresh to get the GPS enabled software.

During normal operation the radio's battery capacity will be reduced by 10% to 16% based on 1 location update per minute.

NOT COMPATIBLE with Man -Down Side Connector (NTN7660), Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183).

For further information refer regarding System Requirements, go to the Location Solutions Price Page at: http://ecat.comm.mot.com/ecat/pricebooks/dup/ALOCATION.htm

NOTE:

The GPS technology uses radio signals from earth orbiting satellites, to establish the location co-ordinates, maximizing your view of clear, unobstructed sky is essential for optimum performance. Where adequate signals from multiple satellites are not available, (usually because you cannot establish a view of a wide area of the sky), the GPS feature of your GPS RSM WILL NOT WORK. Such situations include but are not limited to:

- In underground locations
- Inside of buildings, trains, or other covered vehicles
- Under any other metal or concrete roof or structure
- Between tall buildings or under dense tree-cover

PUBLIC SAFETY SPEAKER MICROPHONES (PSM)

The RF switch has been removed from the XTS Radio to provide cost savings on the model. Therefore, the EXTERNAL RF SWITCH must be ORDERED and then ATTACHED to the radio in order for the PSM to operate. A wrench tool must be used to place the RF switch. These kits must be ordered separately. The RF switch and microphones are FM approved.

SELF-QUIETING SPURS

- 16.8 MHz is radio's main Reference Oscillator used on RF and Vocon board as main frequency source. This frequency is generously
 available on the Vocon board to the Patriot and Flipper ICs, and unfortunately a low level emitted frequency being picked up by the
 radio's receiver.
- 1.2, 1.5, 1.8 Hz are Abacus 3 frame sync clocks (programmable) for RX base band data transfer to Patriot. The values shown here

are where the 3 frequency multiples intersect.

| Self-Quieting Spurs | | |
|---------------------|-----------------------------------|--|
| Frequency (MHz) | Source | |
| 386.4000 | multiple of 16.8 MHz | |
| 396.0000 | multiple of 1.2, 1.5, and 1.8 MHz | |
| 396.0000 | multiple of 1.2, 1.5, and 1.8 MHz | |
| 403.2000 | multiple of 16.8 MHz | |
| 414.0000 | multiple of 1.2, 1.5, and 1.8 MHz | |
| 420.0000 | multiple of 16.8 MHz | |
| 432.0000 | multiple of 1.2, 1.5, and 1.8 MHz | |
| 436.8000 | multiple of 16.8 MHz | |
| 450.0000 | multiple of 1.2, 1.5, and 1.8 MHz | |
| 453.6000 | multiple of 16.8 MHz | |
| 468.0000 | multiple of 1.2, 1.5, and 1.8 MHz | |

FCC Information

FCC IDENTIFIER: AZ489FT4855

Name of Grantee: Motorola Solutions, Inc.

| | Equipment Class: Licensed Non-Broadcast Transmitter Held to Face Notes: ASTRO XTS5000 UHF R1 | | | |
|-------------|---|---------------|--------|-----------|
| | | Frequency | Output | Frequency |
| Grant Notes | FCC Rule Parts | Range (MHZ) | Watts | Tolerance |
| BE | 80, 90, 90.210 | 380.0 - 470.0 | 5.7 | 2.0 PM |
| BE | 80, 90, 90.210 | 380.0 - 470.0 | 5.7 | 2.0 PM |
| BE | 80, 90, 90.210 | 380.0 - 470.0 | 5.7 | 2.0 PM |
| BE | 80, 90, 90.210 | 380.0 - 470.0 | 5.7 | 2.0 PM |
| BE | 80, 90, 90.210 | 380.0 - 470.0 | 5.7 | 2.0 PM |

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

XTS 5000 Catalog Sheet

XTS Vehicular Adapter (XTVA)

Here is a link for the XTS 5000 Notation.

ASTRO Advanced Messaging Solution (AMS)

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

ASTRO Advanced Messaging Solution will be available on XTS 5000 Dual Display Portable radios. Advanced Messaging is NOT supported on XTS 5000 Top Display Portable radios.

Ordering ASTRO Advanced Messaging Solution for XTS 5000 Portable Requires:

- · XTS 5000 Dual Display
- · ASTRO Digital CAI Operation (Q806)
- · P25 Conventional (H35)
- · Packet Data Interface (Q947)
- OR
- · XTS 5000 Dual Display
- · ASTRO Digital CAI Operation (Q806)
- · SmartZone Operation (H38)
- · ASTRO Project 25 Trunking Software (Q361)
- · Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Advanced Messaging Solution on the subscribers as the functionality is included in the Packet Data option. Also, the text messaging functionality carries a per-radio charge on the server side of \$50 (one time license fee to access messaging services) per radio. When adding query the fee is \$125 per radio. For additional ordering guidelines of the AMS feature which includes the server and radio license fees, please visit -

http://ecat.comm.mot.com/ecat/pricebooks/dup/MCCP.htm

XTS 5000 - INTENT TO CANCEL MEMO

| Models | | | |
|---|--------------|-----|----------|
| | | | |
| Description | Nomenclature | APC | Price |
| Options | | | |
| Accessories | | | |
| Battery | | | |
| Description | Nomenclature | APC | Price |
| IMPRES NIMH 1800 MAH BATT | NNTN4435B | 453 | \$123.00 |
| BATT 1700 MAH EM NIMH | NNTN4436B | 453 | \$142.00 |
| BATTERY IMPRES NIMH, 1700 MAH, INTRINSICALLY SAFE, RUGGEDIZED | NNTN4437B | 453 | \$147.00 |
| MIPRES batteries provide for automatic and adaptive reconditioning in IMPRES chargers, provide end of service life display, and real-time battery information when used with the IMPRES MUC with display. | | 100 | Q |
| BATTERY IMPRES LI-ION 4150 MAH | NNTN6034A | 453 | \$155.00 |
| BATTERY IMPRES LI-ION 3950MAH FM RUGGED | NNTN7453A | 453 | \$171.00 |
| Li-Ion 3950mAh, IMPRES, Intrinsically Safe, Ruggedized | | | |
| BATTERY NIMH, 1700 MAH. INTRINSICALLY SAFE | NTN8299 R | 453 | \$135.00 |
| BAT HOLDER CLAMSHELL BLK | NTN9177 | 453 | \$66.00 |
| Portable radio software version R07.00.02 or greater is required for use with this product. Clamshell battery requires 12 "AA" alkaline batteries to operate portable "AA" batteries are NOT included. This battery is NOT FM approved or Intrinsically safe. This battery will automatically reduce the radio's RF power to 2watts. | 9. | | |
| BAT HOLDER CLAMSHELL ORG | NTN9183 | 453 | \$50.00 |
| Portable radio software version R01.20 or greater is required for use with this product. Clamshell battery requires 12 "AA" alkaline batteries to operate portable. "AA" batteries are NOT included. This battery is NOT FM approved or Intrinsically safe. This battery will automatically reduce the radio's RF power to 2watts. | | | |
| BATTERY IMPRES LION 2750 MAH | NTN9862C | 453 | \$150.00 |
| IMPRES batteries provide for automatic and adaptive reconditioning in IMPRES chargers, provide end of service life display, and real-time battery information when used with the IMPRES MUC with display. | | | • |
| BATT STD IP54 LIION4000M4200T | PMNN4449AR | 453 | \$99.75 |
| BATTERY 3000 MAH FM NIMH | RNN4007 R | 453 | \$150.00 |
| Guaranteed for 70% of capacity 1 year, only Compatible with NTN1177/4796, 1168 and all TRI-Chem Chargers. | | | |
| Battery Maintenance Systems | | | |
| Description | Nomenclature | APC | Price |
| NA FLEET MANAGEMENT LICENSE KEY | HKVN4036A | 785 | \$489.00 |
| FLEET MANAGEMENT CHRGR INTERFACE UNIT | NNTN7677A | 291 | \$80.00 |
| Multi-Unit Charger Interface Unit, attaches to an APX or XTS IMPRES multi-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIL | J | | |

Multi-Unit Charger Interface Unit, attaches to an APX or XTS IMPRES multi-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIU

is required for IMPRES chargers that report data to IMPRES Battery Fleet Management.

| Belt Clip(s) | | | |
|---|--------------------------|-------------------|--------------------------|
| Description 3" PLASTIC BELT CLIP ATTACHMENT | Nomenclature HLN6875A | APC 721 | Price \$12.00 |
| Belt Loops | | | |
| Description 3 INCH LEATHER SWIVEL BELT LOOP | Nomenclature NTN8040 | APC 476 | Price \$12.00 |
| Bluetooth, Mission Critical Wireless | | | |
| Description XTS BLUETOOTH ADAPTER | Nomenclature RMN5104A | APC 742 | Price \$179.00 |
| Carrying Case(s) | | | |
| Description 2.5 INCH LEATHER SWIVEL BELT LOOP For use only with the High Activity Leather Swivel Snap Carry Cases. | Nomenclature NTN8039 | APC 476 | Price \$12.00 |
| HIGH-ACTIVITY SWIVEL LEATHER CASE | NTN8380C | 476 | \$60.00 |
| LEATHER CASE WITH BELT LOOP, D-RINGS AND T-STRAP | NTN8382B NTN8383 | 476 476 | \$51.00 \$10.50 |
| LEATHER T-STRAP, PLAIN ACTION SNAP LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | NTN8384 | 476 | \$10.50 \$10.50 |
| HIGH-ACTIVITY SWIVEL LEATHER CASE | NTN8385 | 476 | \$60.00 |
| Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. HIGH-ACTIVITY SWIVEL LEATHER CASE | NTN8386 | 476 | \$60.00 |
| Includes swivel belt loop and t-strap. 3.0* Snap NiCad or NiMH. | | | |
| HIGH-ACTIVITY NYLON CASE WITH BELT LOOP AND T-STRAP LEATHER CASE WITH BELT LOOP. FOR CLAMSHELL BATTERY | NTN8725 NTN9184 | 476 476 | \$51.00 \$67.00 |
| ACCESSORY KIT, FIREMAN'S RADIO STRAP | RLN6486A | 271 | \$37.00 |
| ACCESSORY KIT, FIREMAN'S RADIO STRAP, XL | RLN6487A | 271 | \$40.00 |
| ACCESSORY KIT, ANTI-SWAY STRAP | RLN6488A | 271 | \$15.00 |
| Charger | | | |
| Description | Nomenclature | APC | Price |
| CHARGER, 110 VOLT, US PLUG VEHICULAR MOUNTING BRACKET AND HARD WIRE CABLE FOR SINGLE-UNIT | NTN1667 RLN4814 | 476 785 | \$100.00 \$35.00 |
| For use with single unit Motorola Conditioning Chargers. INCLUDES: mounting hardware and fused hard wire cable. | ILLIN4014 | 105 | φ33.00 |
| VEHICULAR TRAVEL CHARGER Utilizes the cigarette lighter adapter. INCLUDES: mounting bracket, custom coil cord, and charger. Travel charger is best used and compatible with 2" belt clip. | RLN4884 | 785 | \$95.00 |
| IMPRES CHARGER | WPLN4111AR | 785 | \$165.00 |
| Commport Integrated Microphone/Receiver | | | |
| Description | Nomenclature | APC | Price |
| COMMPORT WITH PALM PTT | NTN1624 | 115 | \$419.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. COMMPORT WITH PTT ON RADIO ADAPTER | NTN1625 | 115 | \$419.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | | | |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1736 | 115 | \$429.00 |
| Earpieces | | | |
| Description | Nomenclature | APC | Price |
| RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved | AARLN4885 | 742 | \$25.00 |
| FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & KS-Requires PMLN4455 - Intrinsically Safe (FM) | BDN6719 | 742 | \$35.00 |
| EABOU & EABOU ALL'ANDE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). | BDN6780 | 742 | \$67.00 |
| EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) | BDN6781 | 742 | \$27.00 |
| *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *XTS 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. *PR1500 - requires BDN6676 - Intrinsically Safe (FM)) | | | |
| RECEIVE ONLY EARPIECE W/TRANSLUCENT TUBE | RLN4941A | 742 | \$58.00 |
| EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BEIGE | RLN6230A RLN6241A | 742 742 | \$32.00 \$20.00 |
| QUICK DISCONNECT ACOUSTIC TUBE | RLN6242A | 742 | \$7.90 |
| EAR RCVR W/COIL CBL&3.5MM PLUG | WADN4190B | 742 | \$43.00 |
| Headsets | | | |
| Description | Nomenclature | APC | Price |
| HEADSET LIGHTWEIGHT | NMN6245 | 785 | \$149.00 |
| Single Muff Lightweight Headset with In-Line PTT Switch (requires BDN6676 audio adapter)- Intrinsically Safe (FM) EX500, EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | | | |
| MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT-NRR=24DB-INTRIN (FM) Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB | NMN6258 | 742 | \$389.00 |

| | NMN6259 | 742 | \$425.00 |
|--|--|--------------------------|--|
| Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB HEAVY-DUTY HEADSET | RLN6477A | 742 | \$335.00 |
| MT Series Neckband Headset with Nexus connector. Requires PTT Adapter PMLN6095. Noise Reduction Rating: 24 dB TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT. | RMN4049 | 742 | \$225.00 |
| RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT | RMN5049 | 742 | \$340.00 |
| Microphones | | | |
| Description | Nomenclature | APC | Price |
| REMOTE SPEAKER MICROPHONE, IP57 | PMMN4038A | 372 | \$88.50 |
| REMOTE SPEAKER MIC, NC | PMMN4045B | 372 | \$97.00 |
| REMOTE SPEAKER MIC, RX-JACK | PMMN4051B | 372 | \$89.00 |
| THROAT MICROPHONE | RLN6478A | 742 | \$270.00 |
| COMMANDERII REMOTE SPEAKER MICROPHONE W/OUT CHANNEL KNOB, SUBMERSIBLE | RMN5066B | 372 | \$215.00 |
| COMMANDERII REMOTE SPEAKER MICROPHONE W/OUT CHANNEL KNOB, EARJACK | RMN5067B | 372 | \$150.00 |
| COMMANDERII REMOTE SPEAKER MICROPHONE W/ CHANNEL KNOB, SUBMERSIBLE | RMN5088B | 372 | \$215.00 |
| COMMANDERII REMOTE SPEAKER MICROPHONE W/ CHANNEL KNOB, EARJACK | RMN5089B | 372 | \$150.00 |
| Multi Unit Chargers | | | |
| Description | Nomenclature | APC | Price |
| IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY | WPLN4108 R | 785 | \$788.00 |
| Public Safety Microphone(s) | | | |
| Description | Nomenclature | APC | Price |
| PUBLIC SAFETY MICROPHONE, STRAIGHT CABLE 30 IN PSM does not have emergency switch. For XTS 5000 UHF R1 use only approved antennas NAE6547 and NAE6549. | NMN6247 | 476 | \$155.00 |
| PUBLIC SAFETY MICROPHONE, STRAIGHT CABLE 24 IN PSM does not have emergency switch. For XTS 5000 UHF R1 use only approved antennas NAE6547 and NAE6549. | NMN6250 | 476 | \$155.00 |
| PUBLIC SAFETY MICROPHONE, STRAIGHT CABLE 18 IN PSM does not have emergency switch. For XTS 5000 UHF R1 use only approved antennas NAE6547 and NAE6549. | NMN6251 | 476 | \$155.00 |
| RF ANTENNA SWITCH The RF Switch has been removed from the XTS radio to provide cost savings on the model. Therefore, the external RF switch must be attached to the radio in | NTN8327 | 476 | \$140.00 |
| order for the PSM to operate. A wrench tool must be used to place the RF switch. These kits must be ordered separately. REQUIRES ANTENNA. The RF switch and mics are FM approved. | | | |
| Surveillance | | | |
| Description | Nomenclature | APC | Price |
| • | | | |
| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) | BDN6664 | 742 | \$40.00 |
| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. | BDN6664 | 742 | \$40.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, & XTS 5000, require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is | | 742 | \$40.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. | | 742 | \$40.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/K000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 5000, XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | • |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) | | 742 742 | \$40.00 \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/K000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 REQUIRE CENCE VE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. | | | • |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter is | | | • |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/600XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved with APX600/f000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | • |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/600XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *APX series require PMLN4455 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *APX series require BDN6676 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN455 adapter. FM Approved. *EX500 & EX600 XLS require BDN6676 adapter. FM Approved. *PH1500 requires BDN6676 adapter. FM Approved. *PH1500 requires BDN6676 adapter. FM Approved. *EX500 & TS 3000, % XTS 5000 requires BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | BDN6665 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPHECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece. Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require DN6676 adapter. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN455 adapter. FM Approved. *EX500 & EX500 XLS require PMLN455 adapter. FM Approved | | | • |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/600XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX600/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 requires BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN455 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6678 adapter. FM Approved MEAPEX. *PR1500 requires BDN6678 adapter. FM Approved MEAPEX. *PR1500 requires BDN6783 adapter. FM Approved MEAPEX. *PR1500 requires BDN6783 adapter. FM Approved MEAPE | BDN6665 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/600XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 5000, FXTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *'HT1000, XTS 2500, XTS 3000, & XTS 5000 requires BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved with APX5000/f000XE. *'HT1000, XTS 2500, XTS 3000, & XTS 5000 requires BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX600 XLS require BDN6676 adapter. FM Approved. *TR1500 requires BDN6676 adapter. FM Approved. *PR1500 requir | BDN6665 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PX500 & EX600 XLS require BDN6676 adapter. FM Approved. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN66783 adapter. FM Approved. *PR1500 requires BDN6783 adapter. FM Approved. *PR1500 requires BDN6783 adapter. FM Approved. *PR1500, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. | BDN6665 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *I-WIRE Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *I-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *I-T11000, XTS 2500, XTS 3000, & XTS 5000 requires BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6763 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. *APX series require BDN673 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6763 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm aud | BDN6665 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PX500 & XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved *PR1500 requires BDN6783 adapter. FM Approved *APX series require BDN6783 adapter. FM Approved *PR1500 requires RDN6783 adapter. FM Approved *PR1500 requires BDN6783 adapter. FM Approved. *PR1500 requires BDN6783 adapter. FM Appro | BDN6665 BDN6666 | 742 | \$42.00 \$53.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 5000, &XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6783 adapter. FM Approved. *PR1500 requires BDN676 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT100, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *APX series require BDN676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN676 adapt | BDN6665 BDN6666 | 742 | \$42.00 \$53.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6763 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR15 | BDN6665 BDN6666 | 742 | \$42.00 \$53.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN676 adapter. FM Approved. *PR1500 requires BDN676 adapter. FM Approved. *PR1500 requires BDN676 adapter. FM Approved. *PR1500 requires BDN678 adapter. FM Approved. *PR1500 requires BDN678 adapter. FM Approved. *PR1500 requires BDN678 adapter. FM Approved. *PR1500 requires PMCN4455 adapter. FM Approved. *PR1500 requires PMCN435 adapter. FM Approved. *PR1500 requires PMCN435 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6783 adapter. FM Approved. *PR1500 requires BDN676 adapter. FM Approved. *APX series require BDN6783 adapter. FM Approved. *PR1500 requires BDN676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved.<!--</td--><td>BDN6665 BDN6666</td><td>742</td><td>\$42.00 \$53.00</td> | BDN6665 BDN6666 | 742 | \$42.00 \$53.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/700XE. *Th11000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/700XE. *Th11000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *APX series require BDN6783 adapter. FM Approved *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *APX series require BDN6783 adapter. FM Approved. *PR1500 requires BDN676 adapter. FM Approved. *PR1500 requires BDN6676 ad | BDN6665 BDN6666 | 742 | \$42.00 \$53.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 5000, eXXTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX600/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6783 adapter. FM Approved. *PR1500 requires BDN676 adapter. FM Approved.<td>BDN6665 BDN6666 BDN6667</td><td>742 742 742</td><td>\$42.00 \$53.00 \$114.00</td> | BDN6665 BDN6666 BDN6667 | 742 742 742 | \$42.00 \$53.00 \$114.00 |
| ¹-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. [*]APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. [*]HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. [*]EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. [*]PR1500 requires BDN6676 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. [*]WIR Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. [*]APX series require DNN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. [*]HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. [*]EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. [*]PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) ¹-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. [*]APX series require BDN6783 adapter. FM Approved EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) ¹-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. [*]APX series require BDN6763 adapter. FM Approved *APX series require BDN6763 adapter. FM Approved *APX Series require BDN6763 adapter. FM Approved *AFX series require BDN6763 adapter. FM Approved *AFX series require BDN6763 adapter. FM Approved *APX series require BDN6763 adapter. FM Approved *APX series require BDN6763 adapter. FM Approved *AFX Series require BDN6763 adapter. FM Approved *AFX Series requ | BDN6665 BDN6666 BDN6667 | 742 742 742 | \$42.00 \$53.00 \$114.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN8783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN8676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & KX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN8676 adapter. FM Approved eapter. Seige, 3.5mm Threaded. *APX series require IDN8783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 requires BDN8676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *APX series require BDN8676 adapter. FM Approved. *PR1500 requires BDN8676 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN8676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *APX series require BDN8676 adapter. FM Approved. *APX series require | BDN6665 BDN6666 BDN6667 | 742 742 742 | \$42.00 \$53.00 \$114.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved. *PT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6763 adapter. FM Approved with APX6000/R000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6763 adapter. FM Approved. *PR1500 require BDN6763 adapter. FM | BDN6665 BDN6666 BDN6668 | 742 742 742 742 | \$42.00 \$53.00 \$114.00 \$135.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpice, Beige, 3.5mm Threaded. *APX series require BDN6678 adapter. FM Approved with APX6000/8000XE and APX7000/700XE. *HT 1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PX series require BDN6783 adapter. FM Approved. *PX series require BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PX series require BDN67633 adapter. FM Approved. *PX series require BDN676 adapter. FM Approved. *PX series | BDN6665 BDN6666 BDN6667 | 742 742 742 | \$42.00 \$53.00 \$114.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved. *PT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6763 adapter. FM Approved with APX6000/R000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6763 adapter. FM Approved. *PR1500 require BDN6763 adapter. FM | BDN6665 BDN6666 BDN6668 | 742 742 742 742 | \$42.00 \$53.00 \$114.00 \$135.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN678 adapter. FM Approved with APX60006000XE and APX7000/700XE. *HT 1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX500 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *APX series require BDN6783 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN676 adapter. FM Ap | BDN6665 BDN6666 BDN6668 | 742 742 742 742 | \$42.00 \$53.00 \$114.00 \$135.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN678 adapter. FM Approved with APX6000(5000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR 1500 requires BDN676 adapter. Status adapter of the Approved with APX6000(5000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *PX series require BDN676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. MA Approved. *PR1500 requires BDN6676 adapter. MA Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. MA Approved. *PR1500 requires BDN6676 adapter. FM App | BDN6665 BDN6666 BDN6668 | 742 742 742 742 | \$42.00 \$53.00 \$114.00 \$135.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN676 adapter. FM Approved. *PR1500 requires BDN678 adapter. FM Approved. *PR1500 requires BDN678 adapter. FM Approved. | BDN6665 BDN6666 BDN6668 | 742 742 742 742 | \$42.00 \$53.00 \$114.00 \$135.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN678 adapter. FM Approved with APX6000(5000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR 1500 requires BDN676 adapter. Status adapter of the Approved with APX6000(5000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *PX series require BDN676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. MA Approved. *PR1500 requires BDN6676 adapter. MA Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. MA Approved. *PR1500 requires BDN6676 adapter. FM App | BDN6665 BDN6666 BDN6668 | 742 742 742 742 | \$42.00 \$53.00 \$114.00 \$135.00 |
| 1-Wire Receive-Only Surveillance Kit with Exprised, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Exprised, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Exprised, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Exprised, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Extra-Loud Explice, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Extra-Loud Explice, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Extra-Loud Explice, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Extra-Loud Explice, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Extra-Loud Explice, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Extra-Loud Explice, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Approved. 1-PRI500 requires BDN676 adapter. FM Approved. 1-PRI500 | BDN6665 BDN6666 BDN6668 BDN6669 | 742 742 742 742 | \$42.00 \$53.00 \$114.00 \$135.00 \$118.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6763 adapter. FM Approved. *Trotoo, XTS 2500, XTS 3000, &XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is to required. *EX800 & EX800 XLS require PMLN4455 adapter. FM Approved. *TR*1500 requires BDN6676 adapter. Adaptore with Approved. *TAPX series require BDN6767 adapter. *Approved. *TR*1500 requires BDN6676 adapter. *TR*1500 requires BDN6676 adapter. * | BDN6665 BDN6666 BDN6668 BDN6669 | 742 742 742 742 | \$42.00 \$53.00 \$114.00 \$135.00 \$118.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series requires BDNR578 adapter. FM Approved. *PR1500 requires BDNR | BDN6665 BDN6666 BDN6668 BDN6669 | 742 742 742 742 | \$42.00 \$53.00 \$114.00 \$135.00 \$118.00 |
| 1-Wire Receive-Only Surveillance Ki with Exprese. Beige, 3.5mm Threaded. *APX series require BDN878 adapter. FM Approved FM 14000, XTS 2500, XTS 3000, & XTS 3000, adapter. JM Approved. *PK 1500 require BDN878 adapter. TM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Ki with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN878 adapter. FM Approved HT 1000, XTS 2500, XTS 3000, & XTS 5000 require BDN876 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *APX series require BDN8783 adapter. FM Approved HT 1000, XTS 2500, XTS 3000, & XTS 5000 require BDN876 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *APX series require BDN8783 adapter. FM Approved. *PK 1500 requires BDN8676 adapter. FM Approved. *PK 1500 requires BDN8675 adapter. FM Approved. | BDN6665 BDN6666 BDN6668 BDN6669 | 742 742 742 742 | \$42.00 \$53.00 \$114.00 \$135.00 \$118.00 |

| | BDN6726 | 742 | \$40.00 |
|---|---------|-----|----------|
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6765 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6767 adapter. FM Approved. | | | |
| RECEIVE ONLY EARPIECE WITH EXTRA LOUD EARPHONE - BLACK (SINGLE WIRE) | BDN6727 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & XTS 5000 require PML4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BLACK (SINGLE WIRE) | BDN6728 | 742 | \$53.00 |
| 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter, FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 3000 requires BDN6763 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 requires new adapter. FM Approved. *XTS 2500 & XTS 5000 requires PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE WITH MICROPHONE & PTT COMBINED - BLACK (2 WIRE) | BDN6729 | 742 | \$114.00 |
| 2-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 require BDN6676 adapter. FM Approved. | | | |
| EARPIECE WITH MICROPHONE & PTT SEPARATE - BLACK (3 WIRE) | BDN6730 | 742 | \$135.00 |
| 3-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN676 adapter. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS requires PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BLACK (2 WIRE) | BDN6731 | 742 | \$118.00 |
| 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BLACK (3 WIRE) | BDN6732 | 742 | \$150.00 |
| 3-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. "APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. "HT1000 & XTS 3000 require BDN6676 adapter. "EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. "PR1500 requires BDN6676 adapter. FM Approved. | | | |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

XTS 5000 Last Order Entry Date : October 31, 2013

XTS 5000 Last Scheduled Ship Date: November 30, 2013

XTS 5000 Notification of Intent to Cancel Memo

** Alternative products include the APX Series **-APX7000 / APX7000XE / APX6000 / APX6000XE

> ASTRO® Digital XTS 5000 Portable Series VHF / TYPE 1 Encryption SMARTNET® "Handie-Talkie™" Radio Conventional/ Secure/ Trunked Radio Systems



Special Note for United States - State & Local Markets only:

In accordance with FCC mandate, the XTS 5000 VHF products operating on Part 90 frequencies will be restricted to 12.5kHz or narrower operations on Jan. 1, 2013

Ship Card

Features

All ASTRO Digital XTS 5000 packaged models include the following hardware features:

- 3 Programmable Side Buttons
- Orange Emergency Button
- Illuminated 16 Position Mode Rotary Select Switch
- Angled On/Off Volume
- Low Battery Alert Tone
- Antenna (Band split and Type Dependent on Band Option)
- Smart Battery Technology
- Noise Reduction Software

- 1 Top Mounted Programmable Two Position Concentric Switch
- 1 Top Mounted Programmable Three Position Toggle Switch
- Weather Sealed Universal Connector
- Bi-Color LED Indicator
- Nickel Metal Hydride Battery
- Detachable Belt Clip
- ASTRO 25

Audio Gain Control
 ASTRO Digital XTS 5000 Model III also include:

- Full Keypad for Private Call
- 6 Lines Alphanumeric Display
- Date and Time Stamp

- Keypad Tone Mute
- Large Navigational Keypad
- Real Time Clock

All ASTRO Digital XTS 5000 Portables are part of the FLASHport® program and ship standard with a FLASH EE Prom, which allows for feature and system upgrades (contingent upon remaining within the same RF deck.)

Physiological Monitoring Solution

Physiological Monitoring is now available on the ASTRO 25 XTS5000 and XTS2500 portable radios. The Zephyr BioHarness[™] BT couples the pioneering Smart Fabric sensor technology of the comfortable and unobtrusive BioHarness[™] garment with the power and ubiquity of Bluetooth®. BioHarness[™] BT enables the capture and transmission of comprehensive physiological data on the wearer exclusively via MOTOROLA ASTRO RADIOS – enabling genuine remote monitoring of human performance and condition in the real world.

The BioHarness[™] BT can be used in a diverse range of areas including sports, defense, first responder and healthcare. Its professional-grade BioHarness[™] system monitors conditions such as heat state, dehydration or injury by measuring vital signs including heart rate, breathing rate, skin temperature, posture and activity. Using the subject's voice radio, the BioHarness communicates to monitoring software designed to give real-time alerts and post-event analysis.

BioHarness[™] BT can be worn in virtually any environment – from combat situations to the training field. It maintains performance under extreme activity. Offering fast, accurate collection and analysis of high-quality, in-depth data, BioHarness[™] BT is the definitive product for remote physiological monitoring in all conditions.

Zephyr Physiological Monitoring Ordering Guide

General Information

The ASTRO Digital XTS 5000 Portable Line offers three different radio hardware models:

| Hardware Model | Modes | Alphanumeric Display | Keypad | Navigation Pad |
|--------------------------|-------|----------------------|--------|----------------|
| | | Lines/Characters | | |
| | | Per Line | | |
| ASTRO XTS 5000 Model I | 48 | None | None | No |
| ASTRO XTS 5000 Model II | 1000 | 6/12/front mount | 3 x 2 | Yes |
| ASTRO XTS 5000 Model III | 1000 | 6/12/front mount | 3 x 6 | Yes |

Operating Modes

ASTRO Digital XTS 5000 Radio Models are capable of operating in three different voice communication modes:

Normal Analog (clear voice)
 3.6KB ASTRO Digital (both clear and coded voice)
 9.6KB ASTRO 25 Digital (both clear and coded voice)

The mode of operation is programmed on a channel-by-channel basis. With the coded/clear switch set to the clear mode, the ASTRO Digital XTS 5000 radio is capable of transmitting clear analog voice or clear (unencrypted) ASTRO digital voice, depending on the channel programming. With the coded/clear switch set to the coded mode, the ASTRO Digital XTS 5000 radio will transmit ASTRO Digital Encryption depending on the channel programming. ASTRO digital encryption provides communications security. ASTRO Digital Encryption (operating in encrypted mode while also operating in the 3.6KB or 9.6 KB ASTRO mode) is capable of XL type encryptions; ASTRO Digital Encryption Does not operate with non-XL encryptions.

An Encryption Option is not required for either clear analog operation or clear ASTRO digital operation. Encryption can be ordered with the ASTRO Digital XTS 5000 radio either as a factory installed option or separate from the radio for later field installation. ASTRO Digital XTS 5000 radio functions include selected ASTRO digital signaling and digital speech coding.

Please note that the XTS5000 does NOT support FRED.

CHANNEL SPACING

There are no maximum frequency separation conditions that must be adhered to on the ASTRO Digital XTS5000 Portable Radio Series. Separation of frequencies can be as wide as the allowable sub-band per radio model with no degradation of any performance specifications. If an incorrect antenna is used, degraded performance may be experienced.

FLASHport AFTERMARKET UPGRADES

The ASTRO Digital XTS 5000 Portable Series Radios are part of the FLASHport Program. This means that ASTRO Digital XTS 5000 hardware models can be loaded with different software packages that provide the features and functionalities that your customers require. Three different hardware models are available in each band split.

System Enhancement Options can be loaded at the time of radio purchase or at a later date through the use of software field upgrades (a RS232 cable or USB cable are required for all software upgrades.) The ASTRO Digital XTS 5000 portable can be upgraded electronically in the field with new features in the current system or to new systems operation (contingent upon remaining within the same RF sub-band) by ordering upgrade kits.

RELATIVE RADIATED RECEIVE SENSITIVITY

The relative radiated receive sensitivity test (formerly referred to as self-quieters) measures the sensitivity from 136.05MHz to 173.975MHz in 12.5kHz steps. The radio is set to 25kHz channel mode. These measurements were taken in a shielded environment so that degraded sensitivity at discrete frequencies is known to be due to the radio's self-interference (as opposed to external interference). The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios.

| Block Out Frequencies | approximate degradation in dB (+/-5dB) |
|-----------------------|--|
| 168.0000 MHz | 33 |
| 144.0000 MHz | 15 |
| 151.2000 MHz | 20 |
| 162.0000 MHz | 15 |
| 168.5250 MHz | 9 |
| 169.0000 MHz | 8 |
| 147.4625 MHz | 10 |
| 167.4750 MHz | 8 |
| 150.0125 MHz | 10 |

Ordering Requirements

Ordering procedure is as follows...

| 1 H18UCH9PW | NASTRO XTS 5000 Portable |
|-------------|--------------------------|
| 1A Q806 | Digital Operation |
| 1BH38 | SmartZone® Operation |
| 1Cetc. | |

- Order the ASTRO Digital XTS 5000 Portable Series as the main line item (H18UCH9PW7_N). 1.
- Each hardware model MUST be ordered with one Operating Mode. One Operating Mode for each radio unit ordered. Choose between Analog or Digital 2. Operation. 3.
 - Each Hardware model MUST be ordered with one System Software Package. One System Software Package for each radio unit ordered.
 - The matrix below list available radio wide, conventional features, and standard trunking features for SMARTNET® (H37) and SmartZone(H38) System Packages.

o The SmartZone features listed in the second matrix are available in the SmartZone(H38) package ONLY.

- 4. Select ANY desired System Enhancement Options
 - o System Enhancement Options can be loaded at the time of radio purchase or at a later date through the use of software field upgrades (a RS232 cable or USB cable are required for all software upgrades.)

| COMMON SOFTWARE FEATURES SUPPORTED BY | | | | |
|--|-------------------------------|-------------------------------|-----------------------------------|--|
| H37 "SMARTNET"/H38 "SmartZone" | | | | |
| | "Analog Operation"(Q241) | "ASTRO Digital"(Q806) | "ASTRO Digital"(H38/Q806/Q361) | |
| | Non-Project 25 (3600 Baud) | Non-Project 25 (3600 Baud) | Project 25 (9600 Baud) | |
| RADIO WIDE FEATURES | | | | |
| Maximum Modes | | | | |
| ASTRO Digital XTS 5000 Model I | 16/48 | 16/48 | 16/48 | |
| ASTRO Digital XTS 5000 Model II & III | 1000 | 1000 | 1000 | |
| Analog and Digital Operation | - | Yes | Yes | |
| 12.5/20/25 KHz Programmable Channels | Yes | Yes | Yes | |
| Secure Capable | No | Yes | Yes | |
| One Touch Operation | Yes | Yes | Yes | |
| Real Time Clock | Yes | Yes | Yes | |
| Surveillance Mode | Yes | Yes | Yes | |
| Keypad Lock | Yes | Yes | Yes | |
| Radio Lock | Yes | Yes | Yes | |
| Smart Battery | Yes | Yes | Yes | |
| Radio Wide Transmit Inhibit | Yes | Yes | Yes | |
| Time Out Timer | Yes | Yes | Yes | |
| FLASHport | Yes | Yes | Yes | |
| ANALOG CONVENTIONAL FEATURES | | | | |
| Conventional Features are additional radio wide features beyond those specified above. | | | | |
| CSQ/PL/DPL | Yes | Yes | Yes | |

| Dual Priority Channel Scan Adaptive Power Control | Yes Yes | Yes Yes | Yes |
|---|------------|---------|-------------|
| Repeater/Talkaround Operation | Yes | Yes | Yes |
| Scan (Auto, Pre-programmed, Operator Selectable) | Yes | Yes | Yes |
| Scan (Auto, Pre-programmed, Operator Selectable) | Yes | Yes | Yes |
| | | | |
| Monitor DTMF Tone Generation | Yes | Yes Yes | Yes Yes |
| DIME TONE GENERATION DIGITAL CONVENTIONAL SIGNALING FEATURES | Yes | res | Tes |
| These features are APCO Project 25 Conventional Interoperable Features when used in the ASTRO Digital CAI Mode (Q806). | | | |
| Unaddressed Voice Call | - | Yes | Yes |
| Talk Group Call | - | Yes | Yes |
| Group Call Alert™ | - | Yes | Yes |
| Talk Group Identification (TGID) | - | Yes | Yes |
| Selective Call (Individual Voice Call) | - | Yes | Yes |
| Selective Call Decode (Individual Voice Call) | - | Yes | Yes |
| PTT ID (Individual Identification) | - | Yes | Yes |
| Call Alert Encode/Decode | - | Yes | Yes |
| Emergency Alarm w/Channel Revert & Ack. | - | Yes | Yes |
| Telephone Interconnect | - | Yes | Yes |
| Unlimited (Model III Only) | - | Future | Future |
| Selective Radio Inhibit | - | Yes | Yes |
| Radio Check | - | Yes | Yes |
| Status/Message | - | Yes | Yes |
| Trunking Type II Only Features |] | | |
| Maximum Number of Trunked Systems-20 | Yes | Yes | Yes |
| Talkgroup Calls | Yes | Yes | Yes |
| PTT ID (H14 option required) | Yes | Yes | Yes |
| Call Alert Encode/Decode | Yes | Yes | Yes |
| Dual Mode Scan | Yes | Yes | Yes |
| Failsoft by Talkgroup | Yes | Yes | Yes |
| Telephone Interconnect Encode/Decode | Yes | Yes | Yes |
| System Wide Call (Receive Only) | Yes | Yes | Yes |
| Selective Radio Inhibit | Yes | Yes | Yes |
| Priority Monitor Scan | Yes | Yes | Yes |
| Dynamic Regrouping | Yes | Yes | Yes |
| Status/Message | Yes | Yes | Status Only |
| Private/Enhanced Conversation Encode/Decode | Yes | Yes | Yes |
| Remote Monitor/Radio Trace | Yes | Yes | No |
| Reprogram Request | Future | Future | Future |

| SOFTWARE FEATURES SUPPORTED BY | | | | |
|---|---------------------------|-------------------------------|---------------------------------|--|
| H38 "SmartZone" | | | | |
| | "Analog Operation" (Q241) | "ASTRO Digital" (Q806) | "ASTRO Digital" (H37/Q806/Q361) | |
| | | Non-Project 25 (3600 Baud) | Project 25 (9600 Baud) | |
| Trunking Type II Only Features | | | | |
| Voice on Control | Future | Future | Future | |
| SmartZone Automatic Site Registration | Yes | Yes | Yes | |
| SmartZone RSSI Operation | Yes | Yes | Yes | |
| SmartZone Preferred Site | Yes | Yes | Yes | |
| SmartZone Forced Site Search | Yes | Yes | Yes | |
| SmartZone Site Lock/Unlock | Yes | Yes | Yes | |
| SmartZone Adjacent Control Channel OSW | Yes | Yes | Yes | |
| Emergency Alarm Call Receive Indication | Yes | Yes | Yes | |
| | | | | |

| LIMITED MDC FEATURES | | |
|-----------------------------|-------------|--|
| Offered in 6.3 | | |
| MDC PTT ID ENCODE/DECODE | YES | |
| MDC Selective Radio Inhibit | Decode ONLY | |
| | ו וו | |

| MDC Call Alert | Yes |
|---|-------------|
| MDC Radio Check | Decode ONLY |
| MDC Voice Selective Call | Yes |
| MDC Remote Monitor | Decode ONLY |
| MDC Call Lists (Call Alert / Select Call) | Yes |
| MDC Emergency | Yes |

CONVENTIONAL FACTORY PROGRAMMING

ASTRO Digital XTS 5000 portables ship without customer specific factory programming unless a programming options is specified.

FREQUENCY AND SQUELCH CODES

Although some models of the ASTRO Digital XTS 5000 are capable of 512 channels, the factory can accommodate the programming of only 128 continuous channels in any one radio. If the programming of more than 128 continuous channels is desired, field programming software must be used. H477 ADD: Frequency & Squelch Data No Charge

ZONED OPERATION

This option converts MODE-ONLY ASTRO Digital XTS 5000 portables to Zone Operation radios. A maximum of 16 RX and TX pairs can be placed into a zone. There is a maximum of three zones (48 modes) on the "I" Model, with zone operation programmed to the programmable top mounted two-position concentric switch. There is a maximum of 16 zones (512 modes) on the "II" and "III" models, and the zones will be programmed to be selected from the keypad. The factory can only accommodate the programming of only 128 continuous channels consisting of any combination of zones and channels and minimum of 32 channels with two zones on the "II" models. When you ordering H477, H371 must be ordered. H371 ADD: ASTRO Digital XTS 5000 Zone Operation No Charge

PROJECT 25 ENCRYPTION

When ordering any of the Encryption Algorithm:

- Must order the Encryption UCM Hardware (Q159)
 - The DES-OFB and AES encryptions offered are compliant with digital Project 25 standards and does not support analog encryption operation.
 - Requires the ASTRO Digital CAI (Q806) to operate the DES-OFB and AES encryption.
- If ordering a Dual Encryption:
 - The non-OFB encryption (XL versions) can be operated in either analog, or CAI digital mode, but will not be Project 25 compliant.
 Requires the Multikey (H869).
- When used in CAI mode, the non-OFB Encryption will not be Project 25 compliant.
 - o Encryption UCM Hardware (Q159) module may be ordered without an Encryption Algorithm for later upgrade in the field.

FIELD INSTALLED PROJECT 25 ENCRYPTION

The DES-OFB and AES-OFB encryptions offered are compliant with Project 25 standards. Operation of DES-OFB and/or AES-OFB encryption requires the ASTRO Digital CAI (Q806) option. Radios can be upgraded via FLASHport to CAI operation.

- If ordering a Dual Encryption:
 - o The non-OFB encryption can be operated in analog or CAI mode (only XL versions operate in either digital mode).
 - Requires the Multikey (H869).
- When used in the CAI mode, the non-OFB encryption will not be Project 25 compliant.

FIPS 140-2 Compliance

Encryption Modules equipped with AES are FIPS 140-2 compliant. Further information regarding FIPS 140-2 certification may be found using the following links:

FIPS 140-2 Crypto Module Validation Program (CMVP)

NIST Cryptographic Module Validation Lists

FM INFORMATION

The XTS 5000 portable radio when properly equipped with options Q393AN and Q393RUGDAR are Factory Mutual (FM/CSA) Approved as intrinsically safe for use in Class I, II, III, Division 1, Group C, D, E, F, and G and Nonicendive Class I, Division 2, Group A, B, C and D, when ordered without encryption modules.

The XTS 5000 portables equipped with UCM encryption modules and options Q393AP and Q393RUGDAQ are FM Approved as Intrinsically Safe for use in Class I, II, III, Division 1, Group D, F, G and Nonicendive for use in Class I, Div 2, Group A, B, C, D only.

XTS 5000 FM/CSA approved portable radio models installed with Type 1 encryption module (Q374 or Q400), are intrinsically safe for use in the Nonicendive, Class I, Division 2, Groups A, B, C, D, when used with Motorola FM/CSA approved battery options Q393AV and Q393RUGDAW or H223CP and H223RUGDCW. Type 1 is not offered on either the 700/800 or UHF R2 bands.

ASTRO Text Messaging Service

ASTRO Text Messaging Service will be available on ASTRO 25 XTS 5000, XTS 2500 Portable radios and ASTRO 25 XTL 5000, XTL 2500 Mobile radios. Text

Messaging Service (TMS) allows subscriber users to send and receive text messages to other subscribers or dispatch operators. Users can select messages and addresses from a predefined list or enter freeform text messages and addresses via the keypad. Text Messaging Service is available on ASTRO Trunked IV&D Systems and Subscribers. Subscribers must have version R09.00.00 or later of both Customer Programming Software (CPS) and Radio software .

For full Text Messaging functionality, including freeform text messaging and addressing, must order Model III XTS5000 portables. Model II versions support Limited Text Messaging functionality such as selecting predefined messages or addresses from a list programmed in the radio. Text messaging service is NOT supported on Model I Portables.

Ordering requirements for XTS 5000 Portable:

- Requires Model II or Model III XTS 5000
- ASTRO Digital CAI Operation (G806)
- SmartZone Operation (H38)
- ASTRO Project 25 Trunking Software (Q361)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Text Messaging Service on the subscribers as the functionality is included in the Packet Data option.

Outdoor Personnel Location Global Positioning Satellite (GPS) Feature

The personnel outdoor location tracking GPS feature enables a dispatcher the ability to locate on-foot patrols and out of the vehicle officers who are involved in life threatening situations. The radio user's GPS position information is sent over the ASTRO 25 Integrated Voice & Data (IV&D) network and is delivered to the dispatch operator using a third party mapping display application at the dispatch center (Mapping Application is not yet available through Motorola at this time, however an Application Developers Tool Kit is available for 3rd party vendors to use to modify existing applications. See link below for more details.)

This capability is now available on ASTRO 25 Conventional IV&D Systems and ASTRO 25 Trunking IV&D Systems on XTS 5000 Models I, II, III and Ruggedized with appropriate radio software (see below).

Required equipment for operating in ASTRO 25 Conventional IV&D and ASTRO 25 Trunking IV&D Systems is as follows:

| | ASTRO 25 Conventional IV&D | ASTRO 25 Trunking IV&D |
|---|--|--------------------------------------|
| Radio Software | Version R09.00.00 or later | Version R09.00.00 |
| Customer Programming Software (CPS) | Version R09.00.00 or later (RVN4181) | Version R09.00.00 or later (RVN4181) |
| ASTRO CAI operation | Q806 | Q806 |
| System Enhancement Software | H35 (or H37, H38 in Conventional Mode) | H38 |
| ASTRO Project 25 Trunking Software | | Q361 |
| GPS Remote Speaker Microphone/GPS Remote Speaker Microphone with Earjack | HMN4080 or HMN4084 | HMN4080 or HMN4084 |

For fielded XTS 5000 Portables that are already Conventional IMBE Digital Enabled or Trunking IMBE Digital Enabled, see FLASHport upgrade Price Pages to order a software refresh to get the GPS enabled software.

During normal operation the radio's battery capacity will be reduced by 10% to 16% based on 1 location update per minute.

NOT COMPATIBLE with Man -Down Side Connector (NTN7660), Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183).

For further information refer regarding System Requirements, go to the Location Solutions Price Page at: http://ecat.comm.mot.com/ecat/pricebooks/dup/ALOCATION.htm

NOTE:

The GPS technology uses radio signals from earth orbiting satellites, to establish the location co-ordinates, maximizing your view of clear, unobstructed sky is essential for optimum performance. Where adequate signals from multiple satellites are not available, (usually because you cannot establish a view of a wide area of the sky), the GPS feature of your GPS RSM WILL NOT WORK. Such situations include but are not limited to:

- In underground locations
- Inside of buildings, trains, or other covered vehicles
- Under any other metal or concrete roof or structure
- Between tall buildings or under dense tree-cover

PUBLIC SAFETY SPEAKER MICROPHONES (PSM)

The RF switch has been removed from the XTS Radio to provide cost savings on the model. Therefore, the EXTERNAL RF SWITCH must be ORDERED and then ATTACHED to the radio in order for the PSM to operate. A wrench tool must be used to place the RF switch. These kits must be ordered separately. The RF switch and microphones are FM approved.

FCC Information

FCC IDENTIFIER: AZ489FT3804

Name of Grantee: Motorola Inc

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS5000VHF.htm

Equipment Class: Licensed Non-Broadcast Transmitter Held to Face Notes: Astro XTS 5000 Digital Portable Modular Type: Does not apply

| | | Frequency | Output | Frequency | Emission |
|-------------|----------------|---------------|--------|-----------|------------|
| Grant Notes | FCC Rule Parts | Range (MHZ) | Watts | Tolerance | Designator |
| BE | 80, 90 | 136.0 - 174.0 | 6.6 | 2.0 PM | 16K0F3E |
| BE | 80, 90.210 | 136.0 - 174.0 | 6.6 | 2.0 PM | 11K0F3E |
| BE | 80, 90.210 | 136.0 - 174.0 | 6.6 | 2.0 PM | 8K10F1E |
| BE | 80, 90.210 | 136.0 - 174.0 | 6.6 | 2.0 PM | 8K10F1D |
| BE | 80, 90 | 136.0 - 174.0 | 6.6 | 2.0 PM | 20K0F1E |
| | | • | | | |

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

XTS 5000 Catalog Sheet

XTS Vehicular Adapter (XTVA)

Here is a link for the XTS 5000 notation.

ASTRO Advanced Messaging Solution (AMS)

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

ASTRO Advanced Messaging Solution will be available on XTS 5000 Dual Display Portable radios. Advanced Messaging is NOT supported on XTS 5000 Top Display Portable radios.

Ordering ASTRO Advanced Messaging Solution for XTS 5000 Portable Requires:

- · XTS 5000 Dual Display
- · ASTRO Digital CAI Operation (Q806)
- · P25 Conventional (H35)
- Packet Data Interface (Q947)

OR

- · XTS 5000 Dual Display
- · ASTRO Digital CAI Operation (Q806)
- · SmartZone Operation (H38)
- · ASTRO Project 25 Trunking Software (Q361)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Advanced Messaging Solution on the subscribers as the functionality is included in the Packet Data option. Also, the text messaging functionality carries a per-radio charge on the server side of \$50 (one time license fee to access messaging services) per radio. When adding query the fee is \$125 per radio. For additional ordering guidelines of the AMS feature which includes the server and radio license fees, please visit - http://ecat.comm.mot.com/ecat/pricebooks/dup/MCCP.htm

XTS 5000 - INTENT TO CANCEL MEMO

| Models | | | |
|---|--|--|--|
| Description | Nomenclature | APC | Price |
| Options | | | |
| Accessories | | | |
| Adapter | | | |
| Description 3.5 MM JACK ADAPTER WITH QUICK DISCONNECT LATCH For use with 1, 2 & 3 wire earpiece. | Nomenclature BDN6676 | APC 742 | Price \$52.50 |
| Antenna | | | |
| Description ANTENNA, 136-174MHZ WIDEBAND DIPOLE ANTENNA, 136-150.8MHZ WIDEBAND HELICAL ANTENNA, 150.8-162MHZ WIDEBAND HELICAL ANTENNA, 162-178MHZ WIDEBAND HELICAL | Nomenclature NAD6563 NAD6566 NAD6567 NAD6568 | APC 476 476 476 476 | Price \$24.00 \$16.50 \$16.50 \$16.50 |
| Battery | | | |
| Description IMPRES NIMH 1800 MAH BATT BATT 1700 MAH FM NIMH BATTERY IMPRES NIMH, 1700 MAH. INTRINSICALLY SAFE, RUGGEDIZED IMPRES batteries provide for automatic and adaptive reconditioning in IMPRES chargers, provide end of service life display, and real-time battery information intervention when the NUBOR MUSCIES AND ADDRESS AN | Nomenclature NNTN4435B NNTN4436B NNTN4437B | APC 453 453 453 | Price \$123.00 \$142.00 \$147.00 |
| when used with the IMPRES MUC with display. BATTERY IMPRES LI-ION 4150 MAH BATTERY IMPRES LI-ION 3950MAH FM RUGGED Li-Ion 3950mAh, IMPRES, Intrinsically Safe, Ruggedized | NNTN6034A NNTN7453A | 453 453 | \$155.00 \$171.00 |
| BATTERY NIMH, 1700 MAH. INTRINSICALLY SAFE BAT HOLDER CLAMSHELL BLK Portable radio software version R07.00.02 or greater is required for use with this product. Clamshell battery requires 12 "AA" alkaline batteries to operate portab 'Aa' batteries are NOT included. This battery is NOT FM approved or Intrinsically safe. This battery will automatically reduce the radio's RF power to 2watts. | NTN8299 R NTN9177 le. | 453 453 | \$135.00 \$66.00 |
| BAT HOLDER CLAMSHELL ORG Portable radio software version R01.20 or greater is required for use with this product. Clamshell battery requires 12 "AA" alkaline batteries to operate portable. "AA" batteries are NOT included. This battery is NOT FM approved or Intrinsically safe. This battery will automatically reduce the radio's RF power to 2watts. | NTN9183 | 453 | \$50.00 |
| BATTERY IMPRES LION 2750 MAH IMPRES batteries provide for automatic and adaptive reconditioning in IMPRES chargers, provide end of service life display, and real-time battery information when used with the IMPRES MUC with display. BATT STD IP54 LIION4000M4200T | NTN9862C PMNN4449AR | 453 453 | \$150.00 \$99.75 |
| BATT STD IF S4 EIRIN460000142001 BATTERY 3000 MAH FM NIMH Guaranteed for 70% of capacity 1 year, only Compatible with NTN1177/4796, 1168 and all TRI-Chem Chargers. | RNN4007 R | 453 | \$150.00 |
| Battery Maintenance Systems | | | |
| Description NA FLEET MANAGEMENT LICENSE KEY IMPRES BATTERY DATA READER | Nomenclature HKVN4036A NNTN7392 | APC 785 785 | Price \$489.00 \$250.00 |
| Provides IMPRES battery users ability to access key usage data via PC. Compatible w/all IMPRES batteries (HT/PRO,TRBO & APX adapter included) FLEET MANAGEMENT CHRGR INTERFACE UNIT Wulti-Unit Charger Interface Unit, attaches to an APX or XTS IMPRES multi-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A C is required for MPRES chargers that report data to IMPRES Battery Fleet Management. | NNTN7677A U | 291 | \$80.00 |
| Belt Clip(s) | | | |
| Description 3" PLASTIC BELT CLIP ATTACHMENT | Nomenclature HLN6875A | APC 721 | Price \$12.00 |
| Belt Loops | | | |
| Description 3 INCH LEATHER SWIVEL BELT LOOP | Nomenclature NTN8040 | APC 476 | Price \$12.00 |
| Bluetooth, Mission Critical Wireless | | | Price |

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS5000VHF.htm

| MISSION CRITICAL WIRELESS ADAPTER | PMLN5792A | 742 | \$99.00 |
|--|--|---|---|
| Mission Critical Wireless Adapter is not intrinsically safe nor approved for use in Hazardous Locations | DMNE404A | 742 | ¢170.00 |
| XTS BLUETOOTH ADAPTER | RMN5104A | 742 | \$179.00 |
| Carrying Case(s) | | | |
| Description | Nomenclature | APC | Price |
| 2.5 INCH LEATHER SWIVEL BELT LOOP | NTN8039 | 476 | \$12.00 |
| For use only with the High Activity Leather Swivel Snap Carry Cases. | | .= | . |
| HIGH-ACTIVITY SWIVEL LEATHER CASE LEATHER CASE WITH BELT LOOP, D-RINGS AND T-STRAP | NTN8380C NTN8382B | 476 476 | \$60.00 \$51.00 |
| LEATHER CASE WITT BELT BOOF, B-KINGS AND T-STRAF | NTN8383 | 476 | \$31.00 \$10.50 |
| LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | NTN8384 | 476 | \$10.50 |
| HIGH-ACTIVITY SWIVEL LEATHER CASE | NTN8385 | 476 | \$60.00 |
| Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. HIGH-ACTIVITY SWIVEL LEATHER CASE | NTN8386 | 476 | \$60.00 |
| Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. | 11110300 | 470 | φ00.00 |
| LEATHER CARRY CASE WITH BELT LOOP, D-RINGS AND T-STRAP | NTN8387 | 476 | \$51.00 |
| Includes snap belt loop/t-strap. For NiCad or NiMH HIGH-ACTIVITY NYLON CASE WITH BELT LOOP AND T-STRAP | NTN8725 | 476 | \$51.00 |
| LEATHER CASE WITH BELT LOOP. FOR CLAMSHELL BATTERY | NTN9184 | 476 | \$51.00 \$67.00 |
| ACCESSORY KIT, FIREMAN'S RADIO STRAP | RLN6486A | 271 | \$37.00 |
| ACCESSORY KIT,FIREMAN'S RADIO STRAP, XL | RLN6487A | 271 | \$40.00 |
| ACCESSORY KIT,ANTI-SWAY STRAP | RLN6488A | 271 | \$15.00 |
| Charman | | | |
| Charger | Nomeneleture | | Dries |
| Description CHARGER, 110 VOLT, US PLUG | Nomenclature | 476 | Price \$100.00 |
| VEHICULAR MOUNTING BRACKET AND HARD WIRE CABLE FOR SINGLE-UNIT | RLN4814 | 785 | \$100.00 \$35.00 |
| For use with single unit Motorola Conditioning Chargers. INCLUDES: mounting hardware and fused hard wire cable. | | 100 | φ00.00 |
| VEHICULAR TRAVEL CHARGER | RLN4884 | 785 | \$95.00 |
| Utilizes the cigarette lighter adapter. INCLUDES: mounting bracket, custom coil cord, and charger. Travel charger is best used and compatible with 2" belt clip. IMPRES CHARGER | WPLN4111AR | 785 | \$165.00 |
| | | | • |
| Commport Integrated Microphone/Receiver | | | |
| Description | Nomenclature | APC | Price |
| COMMPORT WITH PALM PTT | NTN1624 | 115 | \$419.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. COMMPORT WITH PTT ON RADIO ADAPTER | NTN1625 | 115 | \$419.00 |
| | 141141020 | 110 | φ+15.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | | | |
| COMMPORT WITH SNAP-ON SIDE PTT | NTN1736 | 115 | \$429.00 |
| | NTN1736 | 115 | \$429.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1736 | 115 | \$429.00 |
| COMMPORT WITH SNAP-ON SIDE PTT | NTN1736 Nomenclature | 115 APC | \$429.00 Price |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE | | | |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved | Nomenclature AARLN4885 | APC 742 | Price \$25.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER | Nomenclature | APC | Price |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not | Nomenclature AARLN4885 | APC 742 | Price \$25.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 | Nomenclature AARLN4885 | APC 742 | Price \$25.00 |
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| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. It being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. "EX500 & LS-Requires PMLv455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT | Nomenclature AARLN4885 BDN6719 | APC 742 742 | Price \$25.00 \$35.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. XLS - requires PMLM4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. | Nomenclature AARLN4885 BDN6719 BDN6780 | APC 742 742 742 | Price \$25.00 \$35.00 \$67.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires MX8000 XLS - Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX6000 XLS - requires PMLN4455 - Intrinsically Safe (FM) *TTS 5000 & XTS 25000 Tequires BDN6676 (3.5mm adapter jack) that attaches to the radio. | Nomenclature AARLN4885 BDN6719 BDN6780 | APC 742 742 742 | Price \$25.00 \$35.00 \$67.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. "EX500 & EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *TTS 5000, XE Xeng equires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to th | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 | APC 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires MX8000 XLS - Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX6000 XLS - requires PMLN4455 - Intrinsically Safe (FM) *TTS 5000 & XTS 25000 Tequires BDN6676 (3.5mm adapter jack) that attaches to the radio. | Nomenclature AARLN4885 BDN6719 BDN6780 | APC 742 742 742 | Price \$25.00 \$35.00 \$67.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. "EX500 & EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *MTS 5000 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 - requires BDN6676 (5.5mm adapter jack) that attaches to the radio. *EX500 - requires BDN6676 (5.5mm adapter jack) that attaches to the radio. *EX500 - requires BDN6676 (5.5mm adapter jack) that attaches to the radio. | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 | APC 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. "EX500 & EX600 XLS- Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT "MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EARBUD, MINI MICROPHONE AND PTT "MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *TX5000 & MTX900 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *TX5 5000 & XTS 2500 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *TX5 5000 & XTS 2500 requires BDN6676 (Intrinsically Safe (FM)) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) RECEIVE ONLY EARPIECE W/TRANSLUCENT TUBE EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$58.00 \$32.00 \$20.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm dapter jack) that attaches to the radio. It being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires Cost EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires MLN4455 - Intrinsically Safe (FM) EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX500 XLS - requires PMLN4455 - Intrinsically Safe (FM) *TT5 5000 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & EX500 XLS - requires PMLN4455 - Intrinsically Safe (FM) *TT5 5000 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *TS 5000 & XTS 2500 requires BDN6676 (Intrinsically Safe (FM)) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) RECEIVE ONLY EARPIECE W/TRANSLUCENT TUBE EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A RLN6242A | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$58.00 \$58.00 \$22.00 \$22.00 \$20.00 \$7.90 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. "EX500 & EX600 XLS- Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT "MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EARBUD, MINI MICROPHONE AND PTT "MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *TX5000 & MTX900 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *TX5 5000 & XTS 2500 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *TX5 5000 & XTS 2500 requires BDN6676 (Intrinsically Safe (FM)) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) RECEIVE ONLY EARPIECE W/TRANSLUCENT TUBE EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$395.00 \$58.00 \$32.00 \$20.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm dapter jack) that attaches to the radio. TH11000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. It being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires MIX 1000 X.B. Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires MIX4455 - Intrinsically Safe (FM) *TT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *XX500 & XTS 2500 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *XX500 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *XX500 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (Intrinsically Safe (FM) BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) RECEIVE ONLY EARPIECE W/TRANSLUCENT TUBE EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A RLN6242A | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$58.00 \$58.00 \$22.00 \$22.00 \$20.00 \$7.90 |
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| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE U. Approved FEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. 'HT1000 and XT53000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone & PTT. *EX500 & EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MX8000 & RTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires DN576 (3.5mm adapter jack) that attaches to the radio. EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *MT1000 x 175 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *X500 & EX600 XLS - requires DN6676 (3.5mm adapter jack) that attaches to the radio. *X500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *X500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *X500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *X500 & EX600 XLS - Requires DN6676 (3.5mm adapter jack) that attaches to the radio. *X500 & EX600 XLS - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *X500 & EX600 XLS - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *X500 & EX600 XLS - Requires BDN6676 (3.5mm adapter jack) that statches to the radio. *X500 & EX600 XLS - Requires BDN6676 (3.5mm adapter jack) that statches to the radio. *X500 & EX600 XLS - Requires BDN6676 (3.5mm adapter jack) that statches to the radio. *X7500 & EX600 XLS - Requires BDN6676 (3.5mm adapter jack) that statche | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A RLN6242A WADN4190B | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$58.00 \$32.00 \$22.00 \$7.90 \$43.00 |
| COMMPORT WITH SNAP-ON SIDE PTT Common threquated Receiver Ear Microphone is intelligible in high noise levels up to 1008. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE U Approved FaXIBLE EAR RECEIVER Textle roop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XT53000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone & PTT. *EX500 & EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM). EARBUD, MINI MICROPHONE AND PTT "MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires MLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "MT3000 & MTX9000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM). *As 5000 & XTS 2000 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM). *As 5000 & XTS 2000 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM). *As 5000 & XTS 2000 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM). *As 5000 & XTS 2000 requires BDN676 (1.5mm adapter jack) that attaches | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A RLN6241A RLN6241A RLN6242A WADN4190B | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$58.00 \$32.00 \$22.00 \$20.00 \$7.90 \$43.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved TEXIBLE EAR RECEIVER Fixible ear loop and speaker which rests external to the ear. REQUIRE BDN676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *Assembled with microphone with 3.5mm audio jack, audio adapter is not requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *ATS3000 & ATS32000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *ATS3000 & XTS 32000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *ATS3000 & XTS 32000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *ATS3000 & XTS 32000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *ATS3000 & XTS 32000 requires BDN6676 - Intrinsically Safe (FM). BONE CONDUCTION EAR MICCOPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) RECEIVE ONLY EARPIECE W/TRANSLUCENT TUBE EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBGER EARTIP/ACOUSTIC TUBE BLACK RUBGER EARTIP/ACOUSTIC TUBE BLACK RUBGER EARTIP/ACOUSTIC | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A RLN6241A RLN6241A RLN6242A WADN4190B | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$58.00 \$32.00 \$20.00 \$7.90 \$43.00 Price |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE U. Approved FLEXIBLE EAR RECEIVER Fixible ear loop and speaker which rests external to the ear. REQUIRE BDN8676 (3.5mm adapter jack) that attaches to the radio. 'H11000 and XTS3000 requires BDN8676 (3.5mm datapter jack) that attaches to the radio. I'being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. "EXS00 & EX800 XLS- Requires PMLM4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT 'MX8000 & MTX8000 - Requires BDN8676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. 'EX500 & EX600 XLS- requires BDN8676 (3.5mm adapter jack) that attaches to the radio. 'EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) 'M1100, XTS 3000, requires BDN8676 (3.5mm adapter jack) that attaches to the radio. 'EX500 & EX600 XLS- requires PMLM445 - Intrinsically Safe (FM) 'S5000 & XTS 2500 requires BDN8676 (1.5mm adapter jack) that attaches to the radio. 'EX500 & LS- requires BDN8676 (1.5mm adapter jack) that attaches to the radio. 'EX500 & XTS 2500 requires BDN8676 (3.5mm adapter jack) that attaches to the radio. 'S5000 & XTS 2500 requires BDN8676 (3.5mm adapter jack) that attaches to the radio. 'S5000 & XTS 2500 requires BDN8676 (3.5mm adapter jack) that attaches to the radio. 'S5000 & XTS 2500 requires BDN8676 (3.5mm adapter jack) that attaches to the radio. 'S5000 X TS 2500 requires BDN8676 (3.5mm adapter jack) that attaches to the radio. 'RECEIVE ONLY EARPIECE W/TRANSLUCENT TUBE EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK BLOSET LIGHTWEIGHT Sign MLUSHNEWICH Headaget with n-Line PTT Switch (requires BDN8676 audio adapter)- Intrinsically Safe (FM) EX5000 X S: requires PMLM4455 - Intrinsically Safe (FM) EX5000 X S: requires PMLM4455 - Intrinsically Safe (FM) EX500 | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A RLN6241A RLN6241A RLN6241A RLN6242A WADN4190B Nomenclature NMN6258 | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$28.00 \$20.00 \$20.00 \$7.90 \$43.00 Price \$149.00 \$389.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved TEXIBLE EAR RECEIVER Fixible ear loop and speaker which rests external to the ear. REQUIRE BDN676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *Assembled with microphone with 3.5mm audio jack, audio adapter is not requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *ATS3000 & ATS32000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *ATS3000 & XTS 32000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *ATS3000 & XTS 32000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *ATS3000 & XTS 32000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *ATS3000 & XTS 32000 requires BDN6676 - Intrinsically Safe (FM). BONE CONDUCTION EAR MICCOPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) RECEIVE ONLY EARPIECE W/TRANSLUCENT TUBE EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK RUBGER EARTIP/ACOUSTIC TUBE BLACK RUBGER EARTIP/ACOUSTIC TUBE BLACK RUBGER EARTIP/ACOUSTIC | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A RLN6242A WADN4190B Nomenclature NMN6245 | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$58.00 \$22.00 \$22.00 \$20.00 \$43.00 Price \$149.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 1008. Earpieces Description RecEive-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE U. Aproved FLXIBLE EAR RECEIVER Flexible ear topo and space with rest external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. 'HT1000 and XT53000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. It being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires BDN6676 (3.5mm adapter jack) that attaches to the radio. It being used with Remote Speaker Microphone & PTT. 'EX500 & EX600 XLS- Requires PMLN465- Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT ¹⁴ MT4800 & MTX8000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. 'EX500 & EX600 XLS- requires PMLN455- Intrinsically Safe (FM) ¹⁴ T100, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. 'EX500 & EX600 XLS- requires PMLN455- Intrinsically Safe (FM) ¹⁴ T100, XTS 3000 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. 'EX500 & EX600 XLS- requires BDN6676 - Intrinsically Safe (FM) ¹⁴ T100, XTS 2500 requires BDN6676 - Intrinsically Safe (FM) ¹⁴ T100, XTS 2500 requires BDN6676 - Intrinsically Safe (FM) ¹⁴ T100, XTS 2500 requires BDN6676 - Intrinsically Safe (FM) ¹⁵ Stop - Reputer SDN6676 - Intrinsically Safe (FM) ¹⁵ Stop - Reputer SDN6676 - Intrinsically Safe (FM) ¹⁵ DO - Reputer SDN6676 - Intrinsically Safe (FM) ¹⁵ DO - Reputer SDN6676 - Intrinsically Safe (FM) ¹⁵ DO - Reputer SDN6776 - Intrinsically Safe (FM) ¹⁵ DO - REPUTER SD | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A RLN6242A WADN4190B Nomenclature NMN6258 NMN6259 PMLN5278B | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$227.00 \$395.00 \$58.00 \$32.00 \$20.00 \$7.90 \$43.00 \$149.00 \$389.00 \$425.00 \$439.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 1008. Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE U. Aprove FIEXIBLE FAR RECEIVER Flexible error topo and speaker which requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires MX12800 - REQOX US.S. Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. 'EX500 & EX600 XLS- requires PMLN465- Intrinsically Safe (FM). EARBUD, MINI MICROPHONE AND PTT 'MTX8000 & KIY3 2000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. 'EX500 & EX600 XLS- requires PMLN465- Intrinsically Safe (FM). SAFE ONLY, BLACK (SINGLE WIRE) 'MTX8000 & XTS 2000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'XTS 3000 attr3 2000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'XTS 3000 XTS 2000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'XTS 3000 Attr3 2000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'XTS 3000 attr3 2000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'XTS 3000 Attr3 2000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'XTS 3000 Attr3 2000 requires BDN6676 (2.5mm adapter jack) that attaches to the radio. RECEIVE ONLY FARPIECE W/TRANSLUCENT TUBE EARPLUGS FOAMWCOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK MUEADES TUBCHTHEADSET, OVER-THE-HEAD, WINLINE PTT-NRR=24DB-INTRIN (SM) MED WEIGHT HEADSET, OVER-THE-HEAD, WINL-L | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A RLN6242A WADN4190B Nomenclature NMN6258 NMN6259 | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$32.00 \$20.00 \$20.00 \$43.00 \$149.00 \$389.00 \$389.00 \$425.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 1008. Earpieces Description RecEive-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE U. Aproved FLXIBLE EAR RECEIVER Flexible ear topo and space with rest external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. 'HT1000 and XT53000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. It being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires BDN6676 (3.5mm adapter jack) that attaches to the radio. It being used with Remote Speaker Microphone & PTT. 'EX500 & EX600 XLS- Requires PMLN465- Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT ¹⁴ MT4800 & MTX8000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. 'EX500 & EX600 XLS- requires PMLN455- Intrinsically Safe (FM) ¹⁴ T100, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. 'EX500 & EX600 XLS- requires PMLN455- Intrinsically Safe (FM) ¹⁴ T100, XTS 3000 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. 'EX500 & EX600 XLS- requires BDN6676 - Intrinsically Safe (FM) ¹⁴ T100, XTS 2500 requires BDN6676 - Intrinsically Safe (FM) ¹⁴ T100, XTS 2500 requires BDN6676 - Intrinsically Safe (FM) ¹⁴ T100, XTS 2500 requires BDN6676 - Intrinsically Safe (FM) ¹⁵ Stop - Reputer SDN6676 - Intrinsically Safe (FM) ¹⁵ Stop - Reputer SDN6676 - Intrinsically Safe (FM) ¹⁵ DO - Reputer SDN6676 - Intrinsically Safe (FM) ¹⁵ DO - Reputer SDN6676 - Intrinsically Safe (FM) ¹⁵ DO - Reputer SDN6776 - Intrinsically Safe (FM) ¹⁵ DO - REPUTER SD | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A RLN6242A WADN4190B Nomenclature NMN6258 NMN6259 PMLN5278B | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$227.00 \$395.00 \$58.00 \$32.00 \$20.00 \$7.90 \$43.00 \$43.00 \$389.00 \$425.00 \$439.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100db. Earpieces Description RecEive-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE U. Aproved RELIBLE EAR RECEIVER Flexible ear tops and spaceker setemani to the ear. REQUIRE BDN8676 (3.5mm adapter jack) that attaches to the radio. +TT1000 and XTS3000 requires BDN8676 (3.5mm adapter jack) that attaches to the radio. It being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires BDN8676 (3.5mm adapter jack) that attaches to the radio. It being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires BDN8676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires BDN8676 (1.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires MIX4455 - Intrinsically Safe (FM) 'MT3000. Requires BDN8676 (1.5mm adapter jack) that attaches to the radio. 'BT3000 requires BDN8676 (1.5mm adapter jack) that attaches to the radio. 'TS5000 & EX600 XLS - requires BDN8676 (1.5mm adapter jack) that attaches to the radio. 'TS500 & EX600 XLS - requires BDN8676 (1.5mm adapter jack) that attaches to the radio. 'TS500 & EX600 XLS - requires BDN8676 (1.5mm adapter jack) that attaches to the radio. 'TS500 & EX600 XLS - requires BDN8676 (1.5mm adapter jack) that attaches to the radio. 'TS500 + Requires BDN8676 (1.5mm adapter jack) that attaches to the radio. 'TS500 + REQUIRES DN8676 (1.5mm adapter jack) that attaches to the radio. 'TS500 + REQUIRES DN8676 (2.5mm adapter jack) that attaches to the radio. 'TS500 + REQUIRES BDN8676 - Intrinsically Safe (FM) 'TS500 + REQUIRES DN8676 (1.5mm adapter jack) (TS3000/S5000/Z500/J500/J500/MT1500/PR1500) RECEIVE ONLY EAR RIFECE W/TRANSLUCENT TUBE EARTLUGANACOUSTIC TUBE BLACK RUBLES FOAM/ACOUSTIC TUBE BLACK SC00 K K00 K - requires PMLM4455 - Intrinsically Safe (FM) 'SC00 K K00 K - requi | Nomenclature AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A RLN6241A RLN6241A RLN6242A WADN4190B NOMENCLATURE NMN6258 NMN6259 PMLN5278B RLN6477A | APC 742 742 742 742 742 742 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$32.00 \$2 |

| | RMN5049 | 742 | \$340.00 |
|--|---|---|---|
| Features a noise cancelling boom microphone and In-Line PTT | | | |
| Microphones | | | |
| Description GPS R2 SMART/NON-SUBM RSM FM | Nomenclature HMN4112A | APC 372 | Price \$350.00 |
| GPS R2.0 RSM, 3.5mm audio jack XTS2500 compatibility requires B tanapa version hardware and radio host R10.00.00 or later XTS5000 compatibility requires radio host cost R06.01.00 or later. | | | |
| FM compliant GPS R2 SMART/SUBM RSM FM | HMN4113A | 372 | \$350.00 |
| GPS R2.0 RSM, Submersible XTS2500 compatibility requires B tanapa version hardware and radio host R10.00.00 or later XTS5000 compatibility requires radio host cost R06.01.00 or later. FM compliant | | | |
| REMOTE SPEAKER MICROPHONE, IP57 REMOTE SPEAKER MIC. NC | PMMN4038A PMMN4045B | 372 372 | \$88.50 \$97.00 |
| REMOTE SPEAKER MIC, RX-JACK | PMMN4051B | 372 | \$89.00 |
| THROAT MICROPHONE COMMANDERII REMOTE SPEAKER MICROPHONE W/OUT CHANNEL KNOB, SUBMERSIBLE | RLN6478A RMN5066B | 742 372 | \$270.00 \$215.00 |
| COMMANDERII REMOTE SPEAKER MICROPHONE W/OUT CHANNEL KNOB, EARJACK | RMN5067B | 372 | \$150.00 |
| COMMANDERII REMOTE SPEAKER MICROPHONE W/ CHANNEL KNOB, SUBMERSIBLE COMMANDERII REMOTE SPEAKER MICROPHONE W/ CHANNEL KNOB, EARJACK | RMN5088B RMN5089B | 372 372 | \$215.00 \$150.00 |
| Multi Unit Chargers | | | |
| Description IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY | Nomenclature WPLN4108 R | APC 785 | Price \$788.00 |
| Public Safety Microphone(s) | | | |
| | Nomenclature | - | Price |
| PUBLIC SAFETY MICROPHONE, STRAIGHT CABLE 30 IN PSM does not have emergency switch. For XTS 5000 UHF R1 use only approved antennas NAE6547 and NAE6549. | NMN6247 | 476 | \$155.00 |
| PUBLIC SAFETY MICROPHONE, STRAIGHT CABLE 24 IN PSM does not have emergency switch. For XTS 5000 UHF R1 use only approved antennas NAE6547 and NAE6549. | NMN6250 | 476 | \$155.00 |
| PUBLIC SAFETY MICROPHONE, STRAIGHT CABLE 18 IN PSM does not have emergency switch. For XTS 5000 UHF R1 use only approved antennas NAE6547 and NAE6549. | NMN6251 | 476 | \$155.00 |
| RF ANTENNA SWITCH | NTN8327 | 476 | \$140.00 |
| The RF Switch has been removed from the XTS radio to provide cost savings on the model. Therefore, the external RF switch must be attached to the radio in order for the PSM to operate. A wrench tool must be used to place the RF switch. These kits must be ordered separately. REQUIRES ANTENNA. The RF switch and mics are FM approved. | | | |
| Surveillance | | | |
| | | | - · |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. | Nomenclature BDN6664 | APC 742 | Price \$40.00 |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | BDN6664 | - | |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. | BDN6664 | - | |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | BDN6664 | 742 | \$40.00 |
| Description 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *AX series require BDN8783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not requires BDN6676 adapter. FM Approved | BDN6664 | 742 | \$40.00 |
| Description 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *AX series require BDN6763 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/700XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN455 adapter. FM Approved. | BDN6664 | 742 | \$40.00 |
| Description 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *AX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved *APX series require BDN6783 adapter. FM Approved *APX series require BDN6783 adapter. FM Approved *APX series require BDN6783 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | BDN6664 BDN6665 | 742 | \$40.00 \$42.00 |
| Description 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *AX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *AX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PX500 & XLS require PMLN4455 adapter. FM Approved. *PX500 & XLS require PMLN4455 adapter. FM Approved. *PX500 & XLS require BDN6676 adapter. FM Approved. *PX500 & XLS require BDN6763 adapter. FM Approved. *PX500 & XLS require BDN6763 adapter. FM Approved. | BDN6664 BDN6665 | 742 | \$40.00 \$42.00 |
| Description 1-Wire Receive-Only Surveillance Kit with Exprise, Beige, 35mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & KX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *PR1500 requires BDN6783 adapter. FM Approved EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved *APX Series require BDN6783 adapter. FM Approved *APX Series require BDN6783 a | BDN6665 BDN6666 | 742 742 742 | \$40.00 \$42.00 \$53.00 |
| Description 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *AX series require DN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 5000 require BDN676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PT1500 requires BDN6676 adapter. FM Approved. *PT1500 requires BDN6676 adapter. FM Approved. *PT1500 requires BDN6676 adapter. FM Approved. *PX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PT1800 requires BDN6676 adapter. FM Approved. *PX series require BDN6783 adapter. FM Approved. *PAX series require BDN6763 adapter. FM Approved. *PAX series require BDN6763 adapter. FM Approved. *PAX series require BDN6676 adapter. FM Approved. | BDN6665 BDN6666 | 742 742 742 | \$40.00 \$42.00 \$53.00 |
| Description 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/600XE and APX7000/700XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PT1500 requires BDN6767 adapter. FM Approved. *PX series require IDMN6783 adapter. FM Approved. *AYX series require BDN6767 adapter. FM Approved with APX6000/600XE and APX7000/700XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *AYX series require BDN6763 adapter. FM Approved. *PT500 requires BDN6766 adapter. FM Approved. *PK1500 requires BDN6766 adapter. FM Approved *AYX series require BDN6766 adapter. FM Approved. *PK500 & EX600 XLS require PMLN4455 adapter. FM Approved. *AYA series require BDN6766 adapter. FM Approved. *APX series require BDN6766 adapter. FM Approved. *APX series require BDN6766 adapter. FM Approved. <td>BDN6665 BDN6666</td> <td>742 742 742</td> <td>\$40.00 \$42.00 \$53.00</td> | BDN6665 BDN6666 | 742 742 742 | \$40.00 \$42.00 \$53.00 |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BMN6783 adapter. FM Approved thin APX6000/8000XE and APX7000/7000XE. *T171000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *2500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. *APX series require BDN6783 adapter. FM Approved. *APX series require BDN6783 adapter. FM Approved. *APX series require BDN6783 adapter. FM Approved. *APX series require BDN6768 adapter. FM Approved. *APX series require BDN676 adapter. FM Approved. *APX series adapter. FM Approved. *T500 x EX600 XLS require PMLN4455 adapter. FM Approved. *T81500 requires BDN6676 adapter. FM Approved. *T81500 require BDN676 adapter. FM Approved. *T81500 require BDN676 adapter. FM Approved. *T81500 require BDN676 adapter. FM Approved. *T81500 requires BDN6676 adapter. FM Approved | BDN6664 BDN6665 BDN6666 | 742 742 742 742 | \$40.00 \$42.00 \$53.00 \$114.00 |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1.Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1.Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1.Wire Receive-Only Surveillance Kit with PAproved with APproved with APproved. 1.Priston Erquire BDN6676 adapter. TM Approved. 1.Priston Erquire BDN6676 adapter. APA Approved. 1.Priston Erquires BDN6676 adapter. APA Approved. 1.Priston Erquires BDN6676 adapter. TM Approved. 1.Priston Erquires BDN6676 adapter. FM App | BDN6664 BDN6665 BDN6666 BDN6668 | 742 742 742 742 742 | \$40.00 \$42.00 \$53.00 \$114.00 \$135.00 |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Parproved. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with PAProved. 1-Wire Receive-Only Surveillance | BDN6664 BDN6665 BDN6666 | 742 742 742 742 | \$40.00 \$42.00 \$53.00 \$114.00 |
| Description 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Paryoved with APX60006000XE and APX70007000XE. 1-Wire Receive-Only Surveillance Kit with Paryoved Network. 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Approved with APX60006000XE and APX70007000XE. 1-Wire Receive-Only Surveillance Kit with Paproved with APX6000600XE and APX70007000XE. 1-Wire Receive-Only Surveillance Kit with Paproved with APX6000600XE and APX70007000XE. 1-Wire Receive-Only Surveillance Kit wi | BDN6664 BDN6665 BDN6666 BDN6668 | 742 742 742 742 742 | \$40.00 \$42.00 \$53.00 \$114.00 \$135.00 |
| Description 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Parproved with APX6000/6000XE and APX7000/7000XE. 1-Wire Receive-Only Surveillance Kit with Parproved. 1-Wire Receive-Only Surveillance Kit with Parproved with APX6000/6000XE and APX700/7000XE. 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. 1-Wire Receive-Only Surveillance Kit with Paproved with APX6000/6000XE and APX700/7000XE. 1-Wire Receive-Only Surveillance Kit with Paproved with APX6000/6000XE and APX700/7000XE. 1-Wire Receive-Only Surveillance Kit | BDN6664 BDN6665 BDN6666 BDN6668 | 742 742 742 742 742 | \$40.00 \$42.00 \$53.00 \$114.00 \$135.00 |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1.Wire Receive-Only Surveillance Kit with Earpice, Beige, 3.5mm Threaded. *Various, TYS 2000, XTS 3000, a XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *K800 XLS require PMLN4455 adapter. FM Approved. *PRIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN676 adapter. FM Approved. *PRIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN676 adapter. FM Approved. *PRIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Paproved with APX6000/6000XE and APX70007000XE. *PRIS00 requires BDN676 adapter. FM Approved. *PRIECE | BDN6664 BDN6665 BDN6666 BDN6668 | 742 742 742 742 742 | \$40.00 \$42.00 \$53.00 \$114.00 \$135.00 |
| Description EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1/Wire Receive-Only Surveillance Kit with Explace. Baige, 3.5mm Threaded. 1/Wire Receive-Only Surveillance Kit with Explance. Baige, 3.5mm Threaded. 1/Wire Receive-Only Surveillance Kit with Explance. Baige, 3.5mm Threaded. 1/Wire Receive-Only Surveillance Kit with Explance. Baige, 3.5mm Threaded. 1/Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece. Baige, 3.5mm Threaded. 1/Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece. Baige, 3.5mm Threaded. 1/Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece. Baige, 3.5mm Threaded. 1/Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece. Baige, 3.5mm Threaded. 1/Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece. Baige, 3.5mm Threaded. 1/Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece. Baige, 3.5mm Threaded. 1/Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Baige, 3.5mm Threaded. 1/Wire Receive-Only Surveillance Kit with Patroved | BDN6664 BDN6665 BDN6666 BDN6668 BDN6668 | 742 742 742 742 742 742 742 742 742 | \$40.00 \$42.00 \$53.00 \$114.00 \$135.00 \$118.00 |

| not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. *PR1500 requires BDNe676 adapter. FM Approved. | | | |
|---|---------|-----|----------|
| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BLACK (SINGLE WIRE) | BDN6726 | 742 | \$40.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require PMLN4455 adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| RECEIVE ONLY EARPIECE WITH EXTRA LOUD EARPHONE - BLACK (SINGLE WIRE) | BDN6727 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require PMLN4455 adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BLACK (SINGLE WIRE) | BDN6728 | 742 | \$53.00 |
| 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 3000 requires BDN6676 adapter. FM Approved with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 requires new adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE WITH MICROPHONE & PTT COMBINED - BLACK (2 WIRE) | BDN6729 | 742 | \$114.00 |
| 2-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 require BDN6676 adapter. FM Approved. | | | |
| EARPIECE WITH MICROPHONE & PTT SEPARATE - BLACK (3 WIRE) | BDN6730 | 742 | \$135.00 |
| 3-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN676 adapter. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS requires PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | 172 | ¢100.00 |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BLACK (2 WIRE) | BDN6731 | 742 | \$118.00 |
| 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BLACK (3 WIRE) | BDN6732 | 742 | \$150.00 |
| 3-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

ASTRO® Digital XTS 1500 Portable Series 700 / 800 MHz Band Wide Area SmartZone® "Handie-Talkie™" Radio Trunked Radio Systems



XTS 1500 Last Order Entry Date : October 31, 2014

XTS 1500 Last Scheduled Ship Date: November 30, 2014

XTS 1500 Notification of Intent to Cancel Memo

** Alternative product includes the APX Series **- <u>APX1000 (Available - August 2014)</u>

****Please note that NEW version of Customer Programming Software (CPS) (Part # RVN4181/ RVN4186) is required for initial customer orders for XTS radios. ****

Ship Card

Features

| All ASTRO Digital | XTS 1500 packaged models include the following hardware features: |
|---|---|
| 3 Programmable Side Buttons | 1 Top Mounted Programmable Three Position Concentric Switch |
| Orange Emergency Button | Weather Sealed Universal Connector |
| 16 Position Mode Rotary Select Switch | Bi-Color LED Indicator |
| On/Off Volume | IMPRES Nickel Metal Hydride Battery (NTN9858) |
| Low Battery Alert Tone | Detachable Belt Clip |
| Antenna (Bandsplit and Type Dependent on Bar | nd Option) • ASTRO 25 |
| Noise Reduction Software | Audio Gain Control |
| All ASTRO Digital XTS 1500 Portables are part of the upgrades (contingent upon remaining within the sar | ne FLASHport program and ship standard with a FLASH EE Prom, which allows for feature and s ne RF deck.) |
| | General Information |
| | |

The ASTRO Digital XTS 1500 Portable Line offers a Model I radio:

| Hardware Model | Modes | Alphanumeric Display Lines/Characters | Keypad | Navigation | Pad |
|----------------|-------|--|--------|------------|-----|
|----------------|-------|--|--------|------------|-----|

system

| | | Per Line | | |
|--------------------------|-----|-------------------------|------|----|
| ASTRO XTS 1500 Model I | 48 | None | None | No |
| ASTRO XTS 1500 Model 1.5 | 256 | 4 lines / 12 characters | None | No |

Operating Modes

ASTRO Digital XTS 1500 Radio Models are capable of operating in three software packages listed below:

- 3.6KB ASTRO Digital/Analog Trunking
- 9.6KB ASTRO 25 Digital Trunking
- 9.6KB APCO P25 Digital Conventional

The ASTRO Digital XTS 1500 Portable is capable of 16 modes when the programmable Concentric Top Mounted Switch is used for Zone Operation. The mode of operation is programmed on a channel-by-channel basis.

There are no maximum frequency separation conditions that must be adhered to on the ASTRO Digital XTS 1500 Portable Radio Series. Separation of frequencies can be as wide as the allowable sub-band per radio model with no degradation of any performance specifications. Mutual Aid channels 821-824 will be supported. If an incorrect antenna is used, degraded performance may be experienced.

The ASTRO Digital XTS 1500 portable can be upgraded electronically (via RS232 cable or USB cable are required for all software upgrades) in the field with new systems operation (contingent upon remaining within the same RF sub-band) by ordering upgrade kits.

Please note that the XTS 1500 does NOT support FRED.

RELATIVE RADIATED RECEIVE SENSITIVITY

The relative radiated receive sensitivity test (formerly referred to as self-quieters) measure the sensitivity from 764MHz to 870Mhz in 12.5kHz steps. The radio is set to 25kHz channel mode. These measurements were taken in a shielded environment so that degraded sensitivity at discrete frequencies is known to be due to the radio's self-interference (as opposed to external interference.) The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios:856.3375, 857.7000, 860.7000, 862.2000, 863.7000, 864.0000.

FM INFORMATION

The XTS 1500 portable radio when properly equipped with options H223 and Q393 are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, II, III, Groups C, D, E, F, G, T3C without encryption modules.

The XTS 1500 portable radio when properly equipped with options H223 and Q393 are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, Class II, Class III, Groups D, F, G, T3C with encryption modules.

Ordering Requirements

| | Ordering procedure is as follows: | | | | |
|------------|-----------------------------------|-------------------------|--|--|--|
| 1 | H66UC_9PW5_N | ASTRO XTS 1500 Portable | | | |
| 1 A | Qxxx | System Software | | | |
| 1B | etc | Other options | | | |

1. Order the ASTRO Digital XTS 1500 Portable Series as the main line item (H66UCC9PW5 N).

2. Each hardware model MUST be ordered with one Operating Mode. One Operating Mode Package MUST be ordered for each radio unit ordered. Choose between 9600 Trunking, 3600 Analog/ Digital Trunking, 3600 Analog only and P25 Conventional Operation.

| SOFTWARE FEATURES SUPPORTED BY | | | | | |
|--|-----------------------|-----------------------|-------------------------|--|--|
| Q574 Wide Area SmartZone / Q575 Wide Area SmartZone / Q443 Wide Area Analog SmartZone/ Q811 P25 Digital Conventional | | | | | |
| | "ASTRO Digital"(Q575) | "ASTRO Digital"(Q574) | P25 Conventional (Q811) | | |
| | Non-Project 25 | Project 25 | Project 25 | | |
| | (3600 Baud) | (9600 Baud) | Conventional | | |
| RADIO WIDE FEATURES | | | | | |
| Maximum Modes | | | | | |
| ASTRO Digital XTS 1500 Model 1/1.5 | 48/256 | 48/256 | 48/256 | | |
| Analog and Digital Operation | Yes | Yes | Yes | | |
| | | | | | |

| 12.5/20/25 KHz Programmable Channels | Yes | Yes | Yes |
|--|---|---|---|
| Secure Capable | No | No | No |
| One Touch Operation | No | No | No |
| Real Time Clock | No | No | No |
| Surveillance Mode | No | No | No |
| Keypad Lock | No | No | No |
| Radio Lock | Yes | Yes | Yes |
| Smart Battery (NiCAD Only) | Yes | Yes | Yes |
| Radio Wide Transmit Inhibit | No | No | No |
| Time Out Timer | Yes | Yes | Yes |
| FLASHport | Yes | Yes | Yes |
| ANALOG CONVENTIONAL FEATURES |] | | |
| Conventional Features are additional radio wide features beyond those specified above. |] | | |
| CSQ/PL/DPL | Yes | Yes | Yes |
| Adaptive Power Control | Yes | Yes | Yes |
| Dual Priority Channel Scan | No | No | Yes |
| Repeater/Talkaround Operation | Yes | Yes | Yes |
| Scan (Auto, Pre-programmed, Operator Selectable) | Yes | Yes | Yes |
| Smart PTT | Yes | Yes | Yes |
| Monitor | Yes | Yes | Yes |
| DTMF Tone Generation | - | - | - |
| Adaptive Power Control | Yes | Yes | Yes |
| MDC-1200 Emergency Call | Yes | Yes | Yes |
| MDC-1200 Silent Emergency Alarm | No | No | No |
| MDC-1200 PTT-ID Encode | Yes | Yes | Yes |
| MDC Repeater Access | Yes | Yes | Yes |
| MDC Request to Talk (RTT) | Yes | Yes | Yes |
| MDC Status, Status Request, Message | Yes | Yes | Yes |
| DIGITAL CONVENTIONAL SIGNALING FEATURES | | 163 | 165 |
| These features are APCO Project 25 Conventional Interoperable Features when used in the ASTRO Digital CAI Mode (Q806). | | | |
| Unaddressed Voice Call | Yes | Yes | Yes |
| Talk Group Call | Yes | Yes | Yes |
| Group Call Alert™ | Yes | Yes | Yes |
| Talk Group Identification (TGID) | Yes | Yes | Yes |
| Selective Call (Individual Voice Call) | Yes | Yes | Yes |
| PTT ID (Individual Identification) | Yes | Yes | Yes |
| Call Alert Decode | Yes | Yes | Yes |
| Emergency Alarm w/Channel Revert & Ack. | Yes | Yes | Yes |
| Telephone Interconnect | - | - | - |
| Selective Radio Inhibit | Yes | Yes | Yes |
| Radio Check | - | - | - |
| Status/Message | No | No | No |
| Trunking Type II Only Features |] | | |
| Maximum Number of Trunked Systems-16 | Yes | Yes | No |
| Talkgroup Calls | Yes | Yes | No |
| PTT ID (Digital Only) | Model I - Encode only Model 1.5 - Encode and Decode | Model I - Encode only Model 1.5 - Encode and Decode | Model I - Encode only Model 1.5 - Encode and Decode |
| Call Alert Decode | Yes | Yes | No |
| | Yes | No | No |
| Dual Mode Scan | ı | | |
| | Yes | Yes | INO |
| Dual Mode Scan Failsoft by Talkgroup Telephone Interconnect Decode | Yes Yes | Yes Yes | No No |

| Selective Radio Inhibit | Yes | Yes | No |
|---|--------|--------|----|
| Priority Monitor Scan | Yes | Yes | No |
| Dynamic Regrouping | Yes | Yes | No |
| Status/Message | Yes | Yes | No |
| Private/Enhanced Conversation Decode | Yes | Yes | No |
| Radio Check | No | No | No |
| Remote Monitor/Radio Trace | No | No | No |
| Reprogram Request | No | Yes | No |
| SmartZone® Trunking Type II Only Features |] | | |
| Voice on Control | Future | Future | No |
| SmartZone Automatic Site Registration | Yes | Yes | No |
| SmartZone RSSI Operation | Yes | Yes | No |
| SmartZone Preferred Site | Yes | Yes | No |
| SmartZone Forced Site Search | Yes | Yes | No |
| SmartZone Site Lock/Unlock | Yes | Yes | No |
| SmartZone Adjacent Control Channel OSW | Yes | Yes | No |
| Emergency Alarm Call Receive Indication | Yes | Yes | No |

Legend:

Blue=Feature to be added in a Future Release

Green=New XTS 1500 Features

Programming of the following frequencies are not allowed 772.8000, 774.0000, 856.8000, and 864.0000 MHz

FCC Information

FCC IDENTIFIER: AZ489FT5804

Name of Grantee: Motorola Solutions, Inc.

Equipment Class: Licensed Non-Broadcast Transmitter Held to Face Notes: ASTRO DIGITAL XTS2500 PORTABLE

| | | Frequency | Output | Frequency | Emission |
|-------------|----------------|---------------|--------|-----------|------------|
| Grant Notes | FCC Rule Parts | Range (MHZ) | Watts | Tolerance | Designator |
| BH | 80, 90, 90.210 | 764.0 - 870.0 | 3.0 | 1.5 PM | 16K0F3E |
| BH | 80, 90, 90.210 | 764.0 - 870.0 | 3.0 | 1.5 PM | 11K0F3E |
| BH | 80, 90, 90.210 | 764.0 - 870.0 | 3.0 | 1.5 PM | 8K10F1E |
| BH | 80, 90, 90.210 | 764.0 - 870.0 | 3.0 | 1.5 PM | 8K10F1D |
| BH | 80, 90, 90.210 | 764.0 - 870.0 | 3.0 | 1.5 PM | 20K0F1E |

| SUB-BAND PERFORMANCE | | | | |
|----------------------|---------------------------|--|--|--|
| 700/800 MHz | 764-870 MHz in all models | | | |

REBANDING Frequency Range for 700/800MHz in the CPS:

700 MHz: Rx/Tx: 764.006250 to 775.993750 Tx Only: 794.006250 to 805.993750

800 MHz Tx Only: 806.000000 to 824.993750 Rx/Tx: 851.000000 to 869.993750

ASTRO® Digital XTS 1500 Catalog Sheet

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

ASTRO Advanced Messaging Solution (AMS)

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data

enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

ASTRO Advanced Messaging Solution will be available on XTS 1500 Front Display Portable radios.

Ordering ASTRO Advanced Messaging Solution for XTS 1500 Portable Requires:

- XTS 1500 Front Display
- ASTRO Digital CAI Operation (Q806)
- P25 Conventional (Q811)
- Packet Data Interface (Q947)

OR

- XTS 1500 Front Display
- ASTRO Digital CAI Operation (Q806)
- ASTRO Project 25 Trunking Software (Q574)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Advanced Messaging Solution on the subscribers as the functionality is included in the Packet Data option. Also, the text messaging functionality carries a per-radio charge on the server side of \$50 (one time license fee to access messaging services) per radio. When adding query the fee is \$125 per radio. For additional ordering guidelines of the AMS feature which includes the server and radio license fees, please visit -

http://ecat.comm.mot.com/ecat/pricebooks/dup/MCCP.htm

| Models | | | |
|---|--------------|-----|----------|
| Description | Nomenclature | APC | Price |
| Options | | | |
| Accessories | | | |
| Adapter | | | |
| Description | Nomenclature | APC | Price |
| 3.5 MM JACK ADAPTER WITH QUICK DISCONNECT LATCH | BDN6676 | 742 | \$52.50 |
| For use with 1, 2 & 3 wire earpiece. PSM RF ADPT | RLN5918 | 372 | \$36.00 |
| Battery | | | |
| Description | Nomenclature | APC | Price |
| IMPRES NIMH, 2000 MAH, 7.5V BATTERY-INTRINS SAFE (FM) - RUGGEDIZED | NNTN6263 | 453 | \$137.00 |
| IMPRES NIMH, 2000 MAH, 7.5V BATTERY - INTRINS SAFE (FM) | NTN9857C | 453 | \$132.00 |
| IMPRESS NIMH, 2100 MAH, 7.5V BATTERY | NTN9858C | 453 | \$112.00 |
| Battery Maintenance Systems | | | |
| Description | Nomenclature | APC | Price |
| NA FLEET MANAGEMENT LICENSE KEY | HKVN4036A | 785 | \$489.00 |
| IMPRES BATTERY DATA READER | NNTN7392 | 785 | \$250.00 |
| Provides IMPRES battery users ability to access key usage data via PC. Compatible w/all IMPRES batteries (HT/PRO,TRBO & APX adapter included) | | | |
| | | | |

| FLEET MANAGEMENT CHRGR INTERFACE UNIT Multi-Unit Charger Interface Unit, attaches to an APX or XTS IMPRES multi-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIU is required for IMPRES chargers that report data to IMPRES Battery Fleet Management. | NNTN7677A | 291 | \$80.00 |
|--|----------------------------|-------------------|--------------------------|
| Bluetooth, Mission Critical Wireless | | | |
| Description XTS BLUETOOTH ADAPTER | Nomenclature RMN5104A | APC 742 | Price \$179.00 |
| Carrying Case(s) | | | |
| Description LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. | Nomenclature NNTN4115 | APC 271 | Price \$60.00 |
| LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. | NNTN4116 | 271 | \$60.00 |
| LEATHER CASE W/SNAP BELT LOOP & T-STRAP Includes snap belt loop and t-strap. For NiCad or NiMH. | NNTN4117 | 271 | \$60.00 |
| LEATHER T-STRAP, PLAIN ACTION SNAP LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | NTN8383 NTN8384 | 476 476 | \$10.50 \$10.50 |
| Charger | | | |
| Description IMPRES CHARGER | Nomenclature WPLN4111AR | APC 785 | Price \$165.00 |
| Multi Unit Chargers | | | |
| Description IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY | Nomenclature WPLN4108 R | APC 785 | Price \$788.00 |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

ASTRO® Digital XTS 2500 Portable Series 700/800MHz Band Wide Area SmartZone® "Handie-Talkie™" Radio Trunked Radio Systems

XTS 2500 Last Order Entry Date : October 31, 2014

XTS 2500 Last Scheduled Ship Date: November 30, 2014

XTS 2500 Notification of Intent to Cancel Memo

** Alternative products include the APX Series **- <u>APX6000/</u> <u>APX6000XE</u>/ <u>APX6000Li/APX4000</u>



****Please note that NEW version of Customer Programming Software (CPS) (Part # RVN4181/ RVN4186) is required for initial customer orders for XTS radios. ****

Ship Card

Features

All ASTRO Digital XTS 2500 packaged models include the following hardware features:

- 1 Top Mounted Programmable Three Position 3 Programmable Side Buttons Concentric Switch Orange Emergency Button Weather Sealed Universal Connector 16 Position Mode Rotary Select Switch Bi-Color LED Indicator On/Off Volume IMPRES Nickel Metal Hydride Battery (NTN9858) Low Battery Alert Tone Detachable Belt Clip Antenna (Bandsplit and Type Dependent on Band ASTRO 25 Option) Noise Reduction Software Audio Gain Control ASTRO Digital XTS 2500 Model I.5, II and III also include: DTMF Telephone Interconnect Capability (Model III Keypad Tone Mute (Model II and III ONLY) ONLY) 6 Lines Alphanumeric Display (No Model I) Large Navigational Keypad (Model II and III ONLY)
- Date and Time Stamp

- Real Time Clock
- Hardware Encryption (Not Available on Model 1)

All ASTRO Digital XTS 2500 Portables are part of the FLASHport program and ship standard with a FLASH EE Prom, which allows for feature and system upgrades (contingent upon remaining within the same RF deck.) **Please note that Models 1 and 2 are not available in the Asia Pacific Region**

Physiological Monitoring Solution

Physiological Monitoring is now available on the ASTRO 25 XTS5000 and XTS2500 portable radios. The Zephyr BioHarness[™] BT couples the pioneering Smart Fabric sensor technology of the comfortable and unobtrusive BioHarness[™] garment with the power and ubiquity of Bluetooth[®]. BioHarness[™] BT enables the capture and transmission of comprehensive physiological data on the wearer exclusively via MOTOROLA ASTRO RADIOS – enabling genuine remote monitoring of human performance and condition in the real world.

The BioHarness[™] BT can be used in a diverse range of areas including sports, defense, first responder and healthcare. Its professional-grade BioHarness[™] system monitors conditions such as heat state, dehydration or injury by measuring vital signs including heart rate, breathing rate, skin temperature, posture and activity. Using the subject's voice radio, the BioHarness communicates to monitoring software designed to give real-time alerts and post-event analysis.

BioHarness[™] BT can be worn in virtually any environment – from combat situations to the training field. It maintains performance under extreme activity. Offering fast, accurate collection and analysis of high-quality, indepth data, BioHarness[™] BT is the definitive product for remote physiological monitoring in all conditions.

Zephyr Physiological Monitoring Ordering Guide

General Information

The ASTRO Digital XTS 2500 Portable Line offers four different radio hardware models:

Hardware Model

Mo

Modes Alphanumeric Display Keypad Navigation Pad

| الــــــــــــــــــــــــــــــــــــ | | L | L | L] |
|--|-----|------------------|-------|-----|
| | | Lines/Characters | | |
| | | per Line | | |
| ASTRO XTS 2500 Model I | 48 | None | None | No |
| ASTRO XTS 2500 Model 1.5 | 256 | 6/12/front mount | None | No |
| ASTRO XTS 2500 Model II | 870 | 6/12/front mount | 3 x 2 | Yes |
| ASTRO XTS 2500 Model III | 870 | 6/12/front mount | 3 x 6 | Yes |

OPERATING MODES

ASTRO Digital XTS 2500 Radio Models are capable of operating in three different voice communication modes:

• Normal Analog (clear voice) • 3.6KB ASTRO Digital (clear voice) • 9.6KB ASTRO 25 Digital (clear voice) The ASTRO Digital XTS 2500 Portable is capable of 48 modes when the programmable Concentric Top Mounted Switch is used for Zone Operation. The mode of operation is programmed on a channel-by-channel basis.

Please note that the XTS 2500 does NOT support FRED.

CHANNEL SPACING

There are no maximum frequency separation conditions that must be adhered to on the ASTRO Digital XTS2500 Portable Radio Series. Separation of frequencies can be as wide as the allowable sub-band per radio model with no degradation of any performance specifications. If an incorrect antenna is used, degraded performance may be experienced.

FIPS 140-2 Compliance

Encryption Modules equipped with AES are FIPS 140-2 compliant. Further information regarding FIPS 140-2 certification may be found using the following links:

FIPS 140-2 Crypto Module Validation Program (CMVP)

NIST Cryptographic Module Validation Lists

FLASHport® AFTERMARKET UPGRADES

The ASTRO Digital XTS 2500 Portable Series Radios are part of the FLASHport® Program. This means that ASTRO Digital XTS 2500 hardware models can be loaded with different software packages that provide the features and functionalities that your customers require. Three different hardware models are available in each band split.

The ASTRO Digital XTS 2500 portable can be upgraded electronically (via RS232 cable or USB cable are required for all software upgrades) in the field with new systems operation (contingent upon remaining within the same RF sub-band) by ordering upgrade kits.

FM INFORMATION

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS2500800.htm

The XTS 2500 portable radio when properly equipped with options H223, Q393 or Q393SUBM are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, II, III, Groups C, D, E, F, G, T3 without encryption modules.

The XTS 2500 portable radio when properly equipped with options H223, Q393 or Q393SUBM are Factory Mutual (FM/CSA) approved as intrinsically safe for use in, Division 1, Class I, Class II, Class III, Groups D, F, G, T3C with encryption modules.

ASTRO TEXT MESSAGING SERVICE

ASTRO Text Messaging Service will be available on ASTRO 25 XTS 5000, XTS 2500 Portable radios and ASTRO 25 XTL 5000, XTL 2500 Mobile radios. Text Messaging Service (TMS) allows subscriber users to send and receive text messages to other subscribers or dispatch operators. Users can select messages and addresses from a predefined list or enter freeform text messages and addresses via the keypad. Text Messaging Service is available on ASTRO Trunked IV&D Systems and Subscribers. Subscribers must have version R09.00.00 or later of both Customer Programming Software (CPS) and Radio software.

For full Text Messaging functionality, including freeform text messaging and addressing, must order Model III XTS2500 portables. Model II versions support Limited Text Messaging functionality such as selecting predefined messages or addresses from a list programmed in the radio. Text messaging service is NOT supported on Model I Portables.

Ordering requirements for XTS 2500 Portable:

- Requires Model II or Model III XTS 2500
- Software Trunking 9600 Baud (Q574)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Text Messaging Service on the subscribers as the functionality is included in the Packet Data option.

RELATIVE RADIATED RECEIVE SENSITIVITY

The relative radiated receive sensitivity test (formerly referred to as self-quieters) measure the sensitivity from 764MHz to 870Mhz in 12.5kHz steps. The radio is set to 25kHz channel mode. These measurements were taken in a shielded environment so that degraded sensitivity at discrete frequencies is known to be due to the radio's self-interference (as opposed to external interference.) The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios: 856.3375, 857.7000, 860.7000, 862.2000, 863.7000, 864.0000.

UPDATED LIST OF FREQUENCIES NOT ALLOWED

When a Platform A radio is repaired with a Platform B RF board there will be additional frequencies that are not recommended to be used. The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios (secure and non-secure):

VHF (136 to 174 MHz) 140.5, 144, 147.4475, 147.4575, 151.2*, 151.735*, 153.6*, 159.745, 162, 162.295, 165.9, 168*, 170.3975, 172.02

UHF Range 1 (380 to 470 MHz) 381.535, 384, 389.49, 393.195, 396*, 397.4375, 405.38, 413.33, 414*, 415.5, 417.77, 420*, 421.28, 429.23, 429.544, 431.1, 432*, 432.613, 437.18125, 442.344, 445.13125, 450*, 460.8, 466.92, 468*

UHF Range 2 (450 to 520 MHz) 450, 453.6*, 456*, 460.8*, 462, 466.91875, 468*, 469.425, 470.4*, 474, 475.5*, 480, 486*, 487.2*, 491.49375, 492, 497.705, 498, 502.2, 504, 510, 516, 516.065

700/800 MHz (764 – 776 MHz, 851 MHz – 870 MHz) 856.3375, 857.7000, 860.7000, 862.2000, 863.7000, 864.0000, 867.3000

Ordering Requirements

Ordering procedure is as follows:

1 H46UCH9PW7BN ASTRO XTS 2500 Portable

- 1A Q574 9600 Trunking Digital
- Operation
- 1B etc
 - 1. Order the ASTRO Digital XTS 2500 Portable Series as the main line item (H46UCH9PW7_N).
 - Each hardware model MUST be ordered with one Operating Mode. One Operating Mode Package MUST be ordered for each radio unit ordered. Choose between 9600 Trunking, 3600 Analog/ Digital Trunking, 3600 Analog or P25 Conventional Operation.

| | FEATURES SUPP | | | | |
|---|--------------------------|--------------------------|--------------------------|-------------------------------|--|
| Q574 Wide Area SmartZone / Q575 Wide Area SmartZone / Q443 Wide Area Analog SmartZone/ Q811 P25 Digital Conventional | | | | | |
| | "ASTRO Digital"(Q575) | "ASTRO Digital"(Q574) | 3600 Analog (Q443) | P25 Conventional (Q811) | |
| | Non-Project 25 | Project 25 | Type II | Project 25 | |
| | (3600 Baud) | (9600 Baud) | (3600 Baud) | Conventional | |
| RADIO WIDE FEATURES |] | | | | |
| Maximum Modes |] | | | | |
| ASTRO Digital XTS 2500 Model 1 | 16/48 | 16/48 | 16/48 | 16/48 | |
| ASTRO Digital XTS 2500 Model 1.5 | 256 | 256 | 256 | 256 | |
| ASTRO Digital XTS 2500 Model II & III | 870 | 870 | 870 | 870 | |
| Analog and Digital Operation | Yes | Yes | Analog Only | Yes | |
| 12.5/20/25 KHz Programmable Channels | Yes | Yes | Yes | Yes | |
| Secure Capable (Hardware Encryption Not Available on Model 1 Radios) | Yes | Yes | All but ADP | Yes | |
| One Touch Operation | Yes | Yes | Yes | Yes | |
| Real Time Clock | Yes | Yes | Yes | Yes | |
| Surveillance Mode | Yes | Yes | Yes | Yes | |
| Keypad Lock | Yes | Yes | Yes | Yes | |
| Radio Lock | Yes | Yes | Yes | Yes | |
| Smart (IMPRES) Battery | Yes | Yes | Yes | Yes | |
| Radio Wide Transmit Inhibit | Yes | Yes | Yes | Yes | |
| Time Out Timer | Yes | Yes | Yes | Yes | |
| FLASHport | Yes | Yes | Yes | Yes | |

| CSQ/PL/DPL | Yes | Yes | Yes | Yes |
|--|-------------|-------------|----------------|-------------|
| Dual Priority Channel Scan | No | No | No | No |
| Repeater/Talkaround Operation | Yes | Yes | Yes | Yes |
| Scan (Auto, Pre-programmed, Operator Selectable) | Yes | Yes | Yes | Yes |
| Smart PTT | Yes | Yes | Yes | Yes |
| Monitor | Yes | Yes | Yes | Yes |
| DTMF Tone Generation | Yes | Yes | Yes | Yes |
| MDC-1200 Call Lists (Call Alert/Select Call) | Yes | Yes | Yes | Yes |
| MDC-1200 Call Alert Encode/Decode | Yes | Yes | Yes | Yes |
| MDC-1200 Emergency Call | Yes | Yes | Yes | Yes |
| MDC-1200 Voice Selective Call Encode/Decode | Yes | Yes | Yes | Yes |
| MDC-1200 Remote Monitor Decode | Decode Only | Decode Only | Decode Only | Decode Only |
| MDC-1200 Silent Emergency Alarm | Yes | Yes | Yes | Yes |
| MDC-1200 Selective Radio Inhibit Decode | Decode Only | Decode Only | Decode Only | Decode Only |
| MDC-1200 Radio Check Decode | Decode Only | Decode Only | Decode Only | Decode Only |
| MDC-1200 PTT-ID Decode/Encode | Yes | Yes | Yes | Yes |
| MDC Repeater Access | Yes | Yes | Yes | Yes |
| MDC Request to Talk (RTT) | Yes | Yes | Yes | Yes |
| MDC Status, Status Request, Message | Yes | Yes | Yes | Yes |
| DIGITAL CONVENTIONAL SIGNALING FEATURES | | | | |
| These features are APCO Project 25 Conventional Interoperable Features when used in the ASTRO Digital CAI Mode (Q806). | | | | |
| Unaddressed Voice Call | Yes | Yes | No | Yes |
| Talk Group Call | Yes | Yes | No | Yes |
| Group Call Alert™ | Yes | Yes | No | Yes |
| Talk Group Identification (TGID) | Yes | Yes | No | Yes |
| Selective Call (Individual Voice Call) | Yes | Yes | No | Yes |
| PTT ID (Individual Identification) | Yes | Yes | Yes | Yes |
| Call Alert Encode/Decode | Yes | Yes | No | Yes |
| Emergency Alarm w/Channel Revert & Ack. | Yes | Yes | No | Yes |
| Telephone Interconnect | Yes | Yes | No | Yes |
| Selective Radio Inhibit | Yes | Yes | No | Yes |
| Radio Check | - | - | No | - |
| Status/Message | Yes | Yes | No | Yes |

| Maximum Number of Trunked Systems-20 | Yes | Yes | Yes | No |
|--|--------|--------|--------|-----|
| Talkgroup Calls | Yes | Yes | Yes | No |
| PTT ID (Digital Only) | Yes | Yes | Yes | Yes |
| Call Alert Encode/Decode | Yes | Yes | Yes | No |
| Dual Mode Scan | Yes | No | Yes | No |
| Failsoft by Talkgroup | Yes | Yes | Yes | No |
| Telephone Interconnect Encode/Decode | Yes | Yes | Yes | No |
| System Wide Call (Receive Only) | Yes | No | Yes | No |
| Selective Radio Inhibit | Yes | Yes | Yes | No |
| Priority Monitor Scan | Yes | Yes | Yes | No |
| Multi System Scan | Yes | Yes | Yes | N/A |
| Dynamic Regrouping | Yes | Yes | Yes | No |
| Status/Message | No | No | No | No |
| Private/Enhanced Conversation Encode/Decode | Yes | Yes | Yes | No |
| Radio Check | No | No | No | No |
| Remote Monitor/Radio Trace | Yes | No | Yes | Yes |
| Reprogram Request | No | No | No | No |
| SmartZone Trunking Type II Only Features |] | | | |
| Adaptive Power Control | Yes | Yes | Yes | No |
| Voice on Control | Future | Future | Future | No |
| SmartZone Automatic Site Registration | Yes | Yes | Yes | No |
| SmartZone RSSI Operation | Yes | Yes | Yes | No |
| SmartZone Preferred Site | Yes | Yes | Yes | No |
| SmartZone Forced Site Search | Yes | Yes | Yes | No |
| SmartZone Site Lock/Unlock | Yes | Yes | Yes | No |
| SmartZone Adjacent Control Channel OSW | Yes | Yes | Yes | No |
| Emergency Alarm Call Receive Indication | Yes | Yes | Yes | No |

Legend:

Blue=Feature to be added in a Future Release

FCC Information

FCC IDENTIFIER: AZ489FT5804

Name of Grantee: Motorola Solutions, Inc.

Equipment Class: Licensed Non-Broadcast Transmitter Held to Face

| | | STRO DIGITAL X ORTABLE | TS2500 | | |
|-------------|----------------|---------------------------|--------|-----------|------------|
| | | Frequency | Output | Frequency | Emission |
| Grant Notes | FCC Rule Parts | Range (MHZ) | Watts | Tolerance | Designator |
| BH | 80, 90, 90.210 | 764.0 - 870.0 | 3.0 | 1.5 PM | 16K0F3E |
| BH | 80, 90, 90.210 | 764.0 - 870.0 | 3.0 | 1.5 PM | 11K0F3E |
| BH | 80, 90, 90.210 | 764.0 - 870.0 | 3.0 | 1.5 PM | 8K10F1E |
| BH | 80, 90, 90.210 | 764.0 - 870.0 | 3.0 | 1.5 PM | 8K10F1D |
| BH | 80, 90, 90.210 | 764.0 - 870.0 | 3.0 | 1.5 PM | 20K0F1E |

REBANDING Frequency Range for 700/800MHz in the CPS:

700 MHz: Rx/Tx: 764.006250 to 775.993750 Tx Only: 794.006250 to 805.993750

800 MHz Tx Only: 806.000000 to 824.993750 Rx/Tx: 851.000000 to 869.993750

XTS 2500 PORTABLE RADIO SPEC SHEET

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

ASTRO Advanced Messaging Solution (AMS)

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

ASTRO Advanced Messaging Solution will be available on XTS 2500 Dual Display Portable radios. Advanced Messaging is NOT supported on XTS 2500 Top Display Portable radios.

Ordering ASTRO Advanced Messaging Solution for XTS 2500 Portable Requires:

· XTS 2500 Dual Display

· P25 Conventional (Q811)

Packet Data Interface (Q947)

OR

XTS 2500 Dual Display

ASTRO Project 25 Trunking Software (Q574/Q575)

Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Advanced Messaging Solution on the subscribers as the functionality is included in the Packet Data option. Also, the text messaging functionality carries a per-radio charge on the server side of \$50 (one time license fee to access messaging services) per radio. When adding query the fee is \$125 per radio. For additional ordering guidelines of the AMS feature which includes the server and radio license fees, please visit -

http://ecat.comm.mot.com/ecat/pricebooks/dup/MCCP.htm

| Models | | | |
|---|--------------|-----|------------|
| Description | Nomenclature | APC | Price |
| Options | | | |
| Accessories | | | |
| Enhancements | | | |
| Description | Nomenclature | APC | Price |
| ZEPHYR PSM APX SYSTEM BUNDLE | DDN1131 | 407 | \$1,920.00 |
| Motorola System bundle includes Software CD, gateway programming cable, configuration block, documentation. 1 Required per laptop | | | |
| ZEPHYR CARRYING CASE | DDN1132 | 571 | \$750.00 |
| ZEPHYR PSM RSM BUNDLE XS-MED | DDN1133 | 407 | \$883.00 |
| Motorola PSM bundle includes 1 BT BioHarness, 1 side strap (XS - Med), 1 remote speaker microphone | | | |
| ZEPHYR PSM RSM BUNDLE MED-XL | DDN1134 | 407 | \$883.00 |
| Motorola PSM bundle includes 1 BT BioHarness, 1 side strap (med ? XL), 1 remote speaker | | | |

| microphone | | | |
|---|---|---|--|
| microphone ZEPHYR BT REMOTE SPEAKER MIC (RSM) | DDN1135 | 571 | \$405.00 |
| NONIN BT FINGER BLOOD OXIMITRY SPO2 | DDN1135 | 571 | \$735.00 |
| Contains CNet Bluetooth V2.0 USB Adaptor containing drivers for wireless Bluetooth BP & SPO | | 571 | φ/ 00.00 |
| devices. | | | |
| ZEPHYR BIOSHIRT RESPONDER - XXL | DDN1137 | 407 | \$186.00 |
| ZEPHYR BIOSHIRT RESPONDER - XL | DDN1138 | 407 | \$186.00 |
| ZEPHYR BIOSHIRT RESPONDER - LARGE | DDN1139 | 407 | \$186.00 |
| ZEPHYR BIOSHIRT RESPONDER - MED | DDN1140 | 407 | \$186.00 |
| ZEPHYR RSM CONFIGURATION BLOCK | DDN1141 | 571 | \$200.00 |
| ZEPHYR BIOSHIRT RESPONDER - SMALL | DDN1146 | 407 | \$186.00 |
| ZEPHYR OMNISENSE SW CD & DOCUMENTS | DDN1149 | 407 | \$1,500.00 |
| ZEPHYR BLUETOOTH BIOMODULE | DDN1150 | 407 | \$815.00 |
| ZEPHYR 4 BAY CHARGER W USA PLUGPACK | DDN1151 | 571 | \$220.00 |
| ZEPHYR XTS RID | DDN1159 | 407 | \$375.00 |
| ZEPHYR PSM RID BUNDLE XS-MED | DDN1160 | 571 | \$908.00 |
| Motorola PSM bundle includes 1 BT BioHarness, 1 side strap (XS - Med), 1 RID | | | · |
| ZEPHYR PSM RID BUNDLE MED-XL | DDN1161 | 571 | \$908.00 |
| Motorola PSM bundle includes 1 BT BioHarness, 1 side strap (med ? XL), 1 RID | | | |
| | | | |
| Adapter | | | |
| Description | Nomenclature | APC | Price |
| 3.5 MM JACK ADAPTER WITH QUICK DISCONNECT LATCH | BDN6676 | 742 | \$52.50 |
| For use with 1, 2 & 3 wire earpiece. | | | • |
| PSM RF ADPT | RLN5918 | 372 | \$36.00 |
| | | | |
| Algorithm Kits | | | |
| Description | Nomenclature | APC | Price |
| SECURE BOARD M1.5 AES | PMLN4924A | 205 | |
| | | | * ×11100 |
| Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP. | | 205 | \$811.00 |
| Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. | | 205 | \$811.00 |
| R07.00.00, version or later. SECURE BRD M1.5 DES,DES-XL,DES-OFB | PMLN4925A | 205 | \$811.00 |
| R07.00.00, version or later. SECURE BRD M1.5 DES, DES-XL, DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, | | | |
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| R07.00.00, version or later. SECURE BRD M1.5 DES,DES-XL,DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M1.5 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, | PMLN4925A | 205 | \$811.00 |
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| R07.00.00, version or later. SECURE BRD M1.5 DES, DES-XL, DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M1.5 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M2 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M2 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BRD M2 DES, DES-XL, DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M2 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BRD M3 DES, DES-XL, DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BRD M3 DES, DES-XL, DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. | PMLN4925A PMLN4926A PMLN4927A PMLN4928A PMLN4929A PMLN4930A PMLN4931A | 205 205 205 205 205 205 | \$811.00 \$690.00 \$811.00 \$749.00 \$690.00 \$811.00 \$811.00 |
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| R07.00.00, version or later. SECURE BRD M1.5 DES,DES-XL,DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M1.5 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M2 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BRD M2 DES,DES-XL,DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M2 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BRD M3 DES,DES-XL,DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BRD M3 DES,DES-XL,DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 ADP | PMLN4925A PMLN4926A PMLN4927A PMLN4928A PMLN4929A PMLN4930A PMLN4931A | 205 205 205 205 205 205 205 | \$811.00 \$690.00 \$811.00 \$749.00 \$690.00 \$811.00 \$811.00 |
| R07.00.00, version or later. SECURE BRD M1.5 DES, DES-XL, DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M1.5 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M2 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BRD M2 DES, DES-XL, DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M2 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 AES Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BRD M3 DES, DES-XL, DES-OFB Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. SECURE BOARD M3 ADP Includes both UCM Hardware Module & Software Encryption Algorithm. Requires Host/DSP, R07.00.00, version or later. | PMLN4925A PMLN4926A PMLN4927A PMLN4928A PMLN4930A PMLN4931A PMLN4932A | 205 205 205 205 205 205 205 | \$811.00 \$690.00 \$811.00 \$749.00 \$690.00 \$811.00 \$811.00 \$690.00 |

| ANTENNA 1/2 WAVE 7" WHIP 700/800 MHZ | NAF5039 NAF5080 | 476 555 | \$35.75 \$35.00 |
|--|--|--|--|
| Battery | | | |
| Description BATTERY IMPRES NIMH, 1700 MAH. INTRINSICALLY SAFE, RUGGEDIZED | Nomenclature NNTN4437B | APC 453 | Price \$147.00 |
| IMPRES batteries provide for automatic and adaptive reconditioning in IMPRES chargers, provide end of service life display, and real-time battery information when used with the IMPRES MUC with display. | 9 | | |
| IMPRES NIMH, 2000 MAH, 7.5V BATTERY-INTRINS SAFE (FM) - RUGGEDIZED | NNTN6263 | 453 | \$137.00 |
| PREM BATT NICD 1525 MAH | NTN9815B | 453 | \$100.00 |
| IMPRES NIMH, 2000 MAH, 7.5V BATTERY - INTRINS SAFE (FM) | NTN9857C | 453 | \$132.00 |
| IMPRESS NIMH, 2100 MAH, 7.5V BATTERY | NTN9858C | 453 | \$112.00 |
| BATTERY STD IP54 LIION 2700M2900T | PMNN4454AR | 453 | \$85.00 |
| Battery Maintenance System | | | |
| Description | Nomenclature | APC | Price |
| NA FLEET MANAGEMENT LICENSE KEY | HKVN4036A | 785 | \$489.00 |
| IMPRES BATTERY DATA READER Provides IMPRES battery users ability to access key usage data via PC. Compatible w/all IMPRES batteries (HT/PRO,TRBO & APX adapter included) | NNTN7392 | 785 | \$250.00 |
| FLEET MANAGEMENT CHRGR INTERFACE UNIT Multi-Unit Charger Interface Unit, attaches to an APX or XTS IMPRES multi-unit charger to enable the data transfer to IMPRES Battery Fleet Management. A CIU is required for IMPRES chargers that report data to IMPRES Battery Fleet Management. | NNTN7677A | 291 | \$80.00 |
| Belt Clip(s) | | | |
| | | | |
| Description | Nomenclature | APC | Price |
| Description BELT CLIP 2 1/4" | Nomenclature HLN6853 | APC 271 | Price \$11.50 |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wire | HLN6853 | 271 | \$11.50 |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wire Description | HLN6853 eless Nomenclature | 271 APC | |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wire | HLN6853 | 271 | \$11.50 |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wire Description XTS BLUETOOTH ADAPTER Cable(s) | HLN6853 eless Nomenclature RMN5104A | 271 APC 742 | \$11.50 Price \$179.00 |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wire Description XTS BLUETOOTH ADAPTER Cable(s) Description | HLN6853 eless Nomenclature RMN5104A Nomenclature | 271 APC 742 APC | \$11.50 Price \$179.00 Price |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wird Description XTS BLUETOOTH ADAPTER Cable(s) Description CABLE- PROGRAMMING USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. | HLN6853 eless Nomenclature RMN5104A | 271 APC 742 | \$11.50 Price \$179.00 |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wire Description XTS BLUETOOTH ADAPTER Cable(s) Description CABLE- PROGRAMMING USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. CABLE- PROGRAMMING, RS232 This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the | HLN6853 eless Nomenclature RMN5104A Nomenclature | 271 APC 742 APC | \$11.50 Price \$179.00 Price |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wire Description XTS BLUETOOTH ADAPTER Cable(s) Description CABLE- PROGRAMMING USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. CABLE- PROGRAMMING, RS232 | HLN6853 eless Nomenclature RMN5104A Nomenclature RKN4105 | 271 APC 742 APC 261 | \$11.50 Price \$179.00 Price \$237.00 |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wire Description XTS BLUETOOTH ADAPTER Cable(s) Description CABLE- PROGRAMMING USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. CABLE- PROGRAMMING, RS232 This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. * PR1500 - uses RVN4181 CPS - No RIB Box required. | HLN6853 eless Nomenclature RMN5104A Nomenclature RKN4105 | 271 APC 742 APC 261 | \$11.50 Price \$179.00 Price \$237.00 |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wire Description XTS BLUETOOTH ADAPTER Cable(s) Description CABLE - PROGRAMMING USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. CABLE - PROGRAMMING, RS232 This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. Carrying Case(s) | HLN6853 eless Nomenclature RMN5104A Nomenclature RKN4105 | 271 APC 742 APC 261 261 | \$11.50 Price \$179.00 Price \$237.00 |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wire Description XTS BLUETOOTH ADAPTER Cable(s) Description CABLE- PROGRAMMING USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. CABLE- PROGRAMMING, RS232 This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. * PR1500 - uses RVN4181 CPS - No RIB Box required. | HLN6853 eless Nomenclature RMN5104A Nomenclature RKN4105 RKN4106 | 271 APC 742 APC 261 261 | \$11.50 Price \$179.00 Price \$237.00 \$251.00 |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wirk Description XTS BLUETOOTH ADAPTER Cable(s) Description CABLE- PROGRAMMING USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. CABLE- PROGRAMMING, RS232 This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. Carrying Case(s) Description LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP | HLN6853 Pless Nomenclature RMN5104A Nomenclature RKN4105 RKN4106 Nomenclature | 271 APC 742 APC 261 261 APC | \$11.50 Price \$179.00 Price \$237.00 \$251.00 Price |
| BELT CLIP 2 1/4" Bluetooth, Mission Critical Wirk Description XTS BLUETOOTH ADAPTER Cable(s) Description CABLE- PROGRAMMING USB DOES NOT require Smart Rib. This cable MUST be ordered or the RKN4106 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. CABLE- PROGRAMMING, RS232 This cable MUST be ordered or the RKN4105 when you order the RVN4186 to program the Portable Radios. * PR1500 - uses RVN4181 CPS - No RIB Box required. Carrying Case(s) Description LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. | HLN6853 eless Nomenclature RMN5104A Nomenclature RKN4105 RKN4106 Nomenclature NNTN4115 | 271 APC 742 APC 261 261 261 APC 271 | \$11.50 Price \$179.00 Price \$237.00 \$251.00 Price \$60.00 |

| LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | NTN8384 | 476 | \$10.50 |
|--|---|---|--|
| Charger | | | |
| Description WALL MOUNT KIT FOR IMPRES MULTI-UNIT CHARGER Wall Mount Bracket for IMPRES Multi-Unit Charger | Nomenclature NLN7967 | APC 476 | Price \$21.00 |
| CHARGER, 110 VOLT, US PLUG VEHICULAR TRAVEL CHARGER Utilizes the cigarette lighter adapter. INCLUDES: mounting bracket, custom coil cord, and charge | NTN1667 RLN4884 | 476 785 | \$100.00 \$95.00 |
| Travel charger is best used and compatible with 2" belt clip. IMPRES CHARGER | WPLN4111AR | 785 | \$165.00 |
| Charger Line Cords | | | |
| Description | Nomenclature | APC | Price |
| CHARGER, 220V LINE CORD Can be used on any of the single or multi unit chargers, or power supplies, to provide for domestic or international operation. | NTN7374 | 476 | \$17.25 |
| Commport Integrated Microphone/ | Receiver | | |
| Description COMMPORT WITH PALM PTT | Nomenclature NTN1624 | APC 115 | Price \$419.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. COMMPORT WITH PTT ON RADIO ADAPTER CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1625 | 115 | \$419.00 |
| COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1736 | 115 | \$429.00 |
| | | | |
| Earpieces | | | |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE | Nomenclature AARLN4885 | APC 742 | Price \$25.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system | AARLN4885 BDN6677 | - | |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. | AARLN4885 BDN6677 | 742 742 | \$25.00 \$198.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). Fo noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) | AARLN4885 BDN6677 | 742 | \$25.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *TT 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM) *XTS 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM). | AARLN4885 BDN6677 BDN6780 BDN6781 | 742 742 | \$25.00 \$198.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *TTS 5000 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *TS 5000 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *TS 5000 & XTS 2500 requires BDN6676 Intrinsically Safe (FM) *TTS 5000 & XTS 2500 requires BDN6676 Intrinsically Safe (FM). *TS 5000 - requires BDN6676 - Intrinsical | AARLN4885 BDN6677 BDN6780 BDN6781 | 742 742 742 | \$25.00 \$198.00 \$67.00 \$27.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *TT 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM) *XTS 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM). | AARLN4885 BDN6677 BDN6780 BDN6781 | 742 742 742 742 | \$25.00 \$198.00 \$67.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). *ARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *Ex500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *Ex500 & EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (1.5mm adapter ja | AARLN4885 BDN6677 BDN6780 BDN6781 PMLN4620A | 742 742 742 742 742 742 742 742 | \$25.00 \$198.00 \$67.00 \$27.00 \$19.00 \$395.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 Intrinsically Safe (FM) *Ars 5000 & ATS 2500 requires BDN6676 Intrinsically Safe (FM) *D-SHELL RX-ONLY EARPIECE(3.5MM) BONE CONDUCTION EAR MICROPHONE (XTS300 | AARLN4885 BDN6677 BDN6780 BDN6781 PMLN4620A PMLN5464 RLN4941A | 742 | \$25.00 \$198.00 \$67.00 \$27.00 \$19.00 \$395.00 \$58.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). *Ars 5000 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). *Ars 5000 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm dapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX | AARLN4885 BDN6677 BDN6780 BDN6781 PMLN4620A PMLN5464 RLN4941A RLN4941A RLN6230A | 742 | \$25.00 \$198.00 \$67.00 \$27.00 \$19.00 \$395.00 \$58.00 \$32.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. "HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, MINI MICROPHONE AND PTT "MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (Intrinsically Safe (FM)) "XTS 5000 & EX500 XLS - requires BDN6676 Intrinsically Safe (FM) "XTS 5000 & Ex600 XLS - requires BDN6676 Intrinsically Safe (FM)) D-SHELL RX-ONLY EARPIECE(3.5MM) BONE CONDUCTION EAR MICROPHONE (XTS 3000/5000/2500/1500/MT1500/PR1500) RECEIVE ONLY EARPIECE W/TRANSLUCENT TUBE EARPLUGS FOAM/ACOUSTIC TUBE BLACK RUBBER EARTIP/ACOUSTIC TUBE BLACK | AARLN4885 BDN6677 BDN6780 BDN6781 PMLN4620A PMLN5464 RLN4941A RLN6230A RLN6241A | 742 | \$25.00 \$198.00 \$67.00 \$27.00 \$19.00 \$395.00 \$395.00 \$32.00 \$20.00 |
| Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). *Ars 5000 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). *Ars 5000 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm dapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX | AARLN4885 BDN6677 BDN6780 BDN6781 PMLN4620A PMLN5464 RLN4941A RLN4941A RLN6230A | 742 | \$25.00 \$198.00 \$67.00 \$27.00 \$19.00 \$395.00 \$58.00 \$32.00 |

| DescriptionNomenclatureAPCPricHEADSET LIGHTWEIGHTSingle Muff Lightweight Headset with In-Line PTT Switch (requires BDN6676 audio adapter)- Intrinsically Safe (FM)NMN6245785\$149.0MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT- NRR=24DB-INTRIN (FM)NMN6258742\$389.0Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dBNMN6259742\$425.0MED DUTY HEADSET,BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM)NMN6259742\$425.0Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dBNMN6259742\$425.0MED DUTY HEADSET,BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM)NMN6259742\$425.0Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dBPMLN5278B742\$439.0TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLESRMN4049742\$225.0Temple transduce-receive audio without covering the ear: behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and In-line PTT.RMN5049742\$340.0RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTTNomenclature HMN4084APCPricSPKR MIC NON-SUBMSBL,GPS RSM HMM4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9133). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). REMOTE SPEAKER MICROPHONE, IP57PMM | |
|--|-----|
| Single Muff Lightweight Headset with In-Line PTT Switch (requires BDN6676 audio adapter)- Intrinsically Safe (FM) NMN6258 742 \$389.0 EX500. EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) NMN6258 742 \$389.0 NRR=24DB-INTRIN (FM) Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB NMN6259 742 \$425.0 AdDB -INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB NMN6259 742 \$425.0 HEAVY DUTY HEADSET PMLN5278B PMLN5278B 742 \$439.0 TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO RMN4049 742 \$225.0 THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and In-Line PTT RMN5049 742 \$340.0 RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT RMN5049 742 \$340.0 SPKR MIC NON-SUBMSBL,GPS RSM MiM4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (0496, 0496, 0496, 0497, 0496, 0497, 0496, 049 | ;e |
| Intrinsically Safe (FM) EX500, EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT- NRR=24DB-INTRIN (FM) Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB HEAVY DUTY HEADSET PMLN5278B TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL,GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, TNTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). | 00 |
| EX500, EX600 XLS - 'requires PMLN4455 - Intrinsically Safe (FM) MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT- NMN6258 742 \$389.0 NRR=24DB-INTRIN (FM) Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB NMN6259 742 \$425.0 MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= NMN6259 742 \$425.0 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB PMLN5278B 742 \$439.0 HEAVY DUTY HEADSET PMLN5278B PMLN5278B PMLN5278B 742 \$439.0 TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO RMN4049 742 \$225.0 THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio without covering the ear; behind the head style headset allows user to receive audio more phone and In-Line PTT RMN5049 742 \$340.0 RUGGED TEMPLE TRANSDUCER HEADSET RMN5049 742 \$340.0 Features a noise cancelling boom microphone and In-Line PTT Nomenclature APC Pric SPKR MIC NON-SUBMSBL,GPS RSM Microphones Nomenclature APC \$350.0 HMN4084 has the Earjack. Not compatible with Man-Down Side co | |
| NRR=24DB-INTRIN (FM) Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB HEAVY DUTY HEADSET PMLN5278B PMLN5278B TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom Features a noise cancelling boom microphone and In-Line PTT Microphones Description NMM4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). | |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB NMN6259 742 \$425.02 MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= NMN6259 742 \$425.02 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB PMLN5278B 742 \$439.02 TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES PMLN5278B 742 \$225.02 Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom RMN5049 742 \$340.02 Pescription Microphones Nomenclature APC Pric SPKR MIC NON-SUBMSBL,GPS RSM Men Jober (NTN7660) or Clamshell Battery Holder (2495, 02496, NT9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). S72 \$350.02 |)0 |
| MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB HEAVY DUTY HEADSET PMLN5278B TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio without covering the ear; behind the head style headset allows user to receive audio without covering the ear; behind the head style headset allows user to receive audio without covering the ear; behind the head style headset allows user to receive audio without covering the ear; behind the head style headset allows user to receive audio brough the temples. Headset features a noise cancelling boom microphone and in-line PTT.RMN5049742\$340.0Microphones DescriptionNomenclature HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshel Battery Holder (0495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03).Nomenclature NMN4084APC APC \$350.0 | |
| 24DB-INTRIN (FM) Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB HEAVY DUTY HEADSET PMLN5278B PMLN5278B TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO RMN4049 THROUGH THE TEMPLES RMN4049 Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET RMN5049 Features a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL,GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). | 00 |
| HEAVY DUTY HEADSET PMLN5278BPMLN5278B742\$439.0TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLESRMN4049742\$225.0Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT.RMN5049742\$340.0RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTTRMN5049742\$340.0Description SPKR MIC NON-SUBMSBL,GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03).Nomenclature Nomenclature APC APC S00.0Pric | |
| TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT.RMN4049742\$225.0RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTTRMN5049742\$340.0MicrophonesNomenclature HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03).Nomenclature NomenclatureAPC \$350.0 | ~ ~ |
| THROUGH THE TEMPLES Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT. RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTT Microphones Description SPKR MIC NON-SUBMSBL,GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). | |
| Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT.RMN5049742\$340.0RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTTRMN5049742\$340.0MicrophonesNomenclature HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03).Nomenclature Nomenclature APCPrice \$350.0 | 0 |
| RUGGED TEMPLE TRANSDUCER HEADSET Features a noise cancelling boom microphone and In-Line PTTRMN5049742\$340.0MicrophonesMicrophonesPricDescription SPKR MIC NON-SUBMSBL,GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03).RMN5049742\$340.0 | |
| Features a noise cancelling boom microphone and In-Line PTT Microphones Microphones Nomenclature APC Pric SPKR MIC NON-SUBMSBL,GPS RSM HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). Momenclature APC Pric | 00 |
| DescriptionNomenclatureAPCPricSPKR MIC NON-SUBMSBL,GPS RSMHMN4084372\$350.0HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03).NomenclatureAPCPric | |
| DescriptionNomenclatureAPCPricSPKR MIC NON-SUBMSBL,GPS RSMHMN4084372\$350.0HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03).NomenclatureAPCPric | |
| SPKR MIC NON-SUBMSBL,GPS RSMHMN4084372\$350.0HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03).HMN4084372\$350.0 | :e |
| HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). | |
| requires B version board. INCLUDES GPS RSM User guide (6881098C03). | |
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| | 50 |
| REMOTE SPEAKER MIC, NC PMMN4045B 372 \$97.0 |)0 |
| REMOTE SPEAKER MIC, RX-JACKPMMN4051B372\$89.0 | |
| RSM W/MAN DOWN BUTTON RMN5038 372 \$120.0 |)0 |
| Multi Unit Chargers | |
| Description Nomenclature APC Pric | ;e |
| IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAYWPLN4108 R785\$788.0 | 00 |
| IMPRES MULTI CHARGER 230V UK 3 PIN PLUG NON DISPLAYWPLN4110 R785\$788.0 |)0 |
| Public Safety Microphone(s) | |
| Description Nomenclature APC Pric | :e |
| PSM STRAIGHT CABLE 30IN RMN5072B 372 \$160.0 | 00 |
| PSM STRAIGHT CABLE 24IN RMN5073B 372 \$160.0 | 00 |
| PSM STRAIGHT CABLE 18IN RMN5074B 372 \$160.0 | 00 |
| Surveillance | |
| Description Nomenclature APC Pric | e |
| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE BDN6664 742 \$40.0 | |
| (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. | |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | |
| *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | |
| EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE BDN6665 742 \$42.0 | 00 |
| (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. | |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | |

| *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
|---|---------|--------------|----------|
| *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) | BDN6666 | 742 | \$53.00 |
| 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded | | | |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. | | | |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | |
| EARPIECE WITH MICROPHONE & PTT COMBINED - BEIGE (2 WIRE) 2-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and | BDN6667 | 742 | \$114.00 |
| APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE WITH MICROPHONE & PTT SEPARATE - BEIGE (3 WIRE) 3-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and | BDN6668 | 742 | \$135.00 |
| APX7000/7000XE. *HT1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. * EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | 2 | | |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BEIGE (2 WIRE) | BDN6669 | 742 | \$118.00 |
| 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and | | | |
| APX7000/7000XE. *HT1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | 3 | | |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BEIGE (3 WIRE) | BDN6670 | 742 | \$150.00 |
| 3-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | |
| *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BLACK (SINGLE WIRE) | BDN6726 | 742 | \$40.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | |
| *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BLACK (SINGLE WIRE) | BDN6728 | 742 | \$53.00 |
| 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | |
| *XTS 3000 requires BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 requires new adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved. EARPIECE WITH MICROPHONE & PTT COMBINED - BLACK (2 WIRE) | BDN6729 | 742 | \$114.00 |
| | | · · - | ÷ |

| 2-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and | | | |
|---|---------|-----|---------------------------|
| APX series require BDN0785 adapter. Fix Approved with APX0000/00000XE and APX7000/7000XE. | | | |
| *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker | | | |
| Microphone with 3.5mm audio jack, audio adapter is not required. | | | |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 require BDN6676 adapter. FM Approved. | | | |
| EARPIECE WITH MICROPHONE & PTT SEPARATE - BLACK (3 WIRE) | BDN6730 | 742 | \$135.00 |
| 3-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | |
| *HT1000 & XTS 3000 require BDN6676 adapter. | | | |
| *XTS 2500 & XTS 5000 require new adaptor. FM Approved. | | | |
| *EX500 & EX600 XLS requires PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - | BDN6731 | 742 | \$118.00 |
| BLACK (2 WIRE) | DDN0731 | 142 | φ110.00 |
| 2-Wire Receive-Only Surveillance Kit with Extra- | | | |
| Loud Earpiece, Black, 3.5mm Threaded. | | | |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | |
| *HT1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 require new adaptor. | | | |
| FM Approved. | | | |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved. | | | • · - • • • |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - | BDN6732 | 742 | \$150.00 |
| BLACK (3 WIRE) | | | |
| 3-Wire Receive-Only Surveillance Kit with Extra- | | | |
| Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and | | | |
| APX7000/7000XE. | | | |
| *HT1000 & XTS 3000 require BDN6676 adapter. | | | |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| | | | |

UNDEFINED

| Description | Nomenclature | APC | Price |
|--|--------------|-----|---------|
| ASSY,ENT/CONCTIV,HSET,98682H,BT HS 300 | 98682H | 742 | \$40.00 |
| BATT CLAMSHELL, XTS2500 | NNTN6686B | 453 | \$90.00 |

Customer Programming Software

| Description | Nomenclature | APC | Price |
|---|--------------|-----|----------|
| SOFTWARE, CPS R20.00.00 ASTRO 25 PORTABLE | RVN4181AV | 371 | \$265.00 |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

XTS 2500 Portable Series 900 MHz Band

XTS 2500 Last Order Entry Date : October 31, 2014

XTS 2500 Last Scheduled Ship Date: November 30, 2014

XTS 2500 Notification of Intent to Cancel Memo

** Alternative product includes the APX Series **- <u>APX4000</u>



****Please note that NEW version of Customer Programming Software (CPS) (Part # RVN4181/ RVN4186) is required for initial customer orders for XTS radios. ****

Ship Card

Features

All XTS 2500 packaged models include the following hardware features:

• 3 Programmable Side Buttons

• 1 Top Mounted Programmable Three Position Concentric Switch

- Orange Emergency Button Weather Sealed Universal Connector 16 Position Mode Rotary Select Switch Bi-Color LED Indicator On/Off Volume • IMPRES Nickel Metal Hydride Battery (NTN9858) Low Battery Alert Tone Detachable Belt Clip Audio Gain Control Antenna Noise Reduction Software XTS 2500 Model I.5 and III also include: DTMF Telephone Interconnect Capability (Model III • Keypad Tone Mute (Model III ONLY) ONLY) • 4 Lines Alphanumeric Display Large Navigational Keypad (Model III ONLY)
- Date and Time Stamp
 Manual Clock

All XTS 2500 Portables are part of the FLASHport program and ship standard with a FLASH EE Prom, which allows for feature and system upgrades (contingent upon remaining within the same RF deck.). **Please note that Models 1 and 2 are not available in the Asia Pacific Region**

Physiological Monitoring Solution

Physiological Monitoring is now available on the ASTRO 25 XTS5000 and XTS2500 portable radios. The Zephyr BioHarness[™] BT couples the pioneering Smart Fabric sensor technology of the comfortable and unobtrusive BioHarness[™] garment with the power and ubiquity of Bluetooth[®]. BioHarness[™] BT enables the capture and transmission of comprehensive physiological data on the wearer exclusively via MOTOROLA ASTRO RADIOS – enabling genuine remote monitoring of human performance and condition in the real world.

The BioHarness[™] BT can be used in a diverse range of areas including sports, defense, first responder and healthcare. Its professional-grade BioHarness[™] system monitors conditions such as heat state, dehydration or injury by measuring vital signs including heart rate, breathing rate, skin temperature, posture and activity. Using the subject's voice radio, the BioHarness communicates to monitoring software designed to give real-time alerts and post-event analysis.

BioHarness[™] BT can be worn in virtually any environment – from combat situations to the training field. It maintains performance under extreme activity. Offering fast, accurate collection and analysis of high-quality, indepth data, BioHarness[™] BT is the definitive product for remote physiological monitoring in all conditions.

Zephyr Physiological Monitoring Ordering Guide

General Information

The XTS 2500 Portable Line offers two different radio hardware models:

| Hardware Model | Modes | Alphanumeric Display | Keypad | Display | Navigation Pad |
|----------------|-------|----------------------|--------|---------|-------------------|
| | | Lines/Characters | | | |
| | | per Line | | | |

| | | L | | | |
|--------------------|-----|------------------|-------|-----|-----|
| XTS 2500 Model 1.5 | 256 | 6/12/front mount | None | Yes | No |
| XTS 2500 Model III | 870 | 6/12/front mount | 3 x 6 | Yes | Yes |

OPERATING MODES

XTS 2500 900 MHz Radio Models are capable of operating in Analog Conventional or Analog Trunking communication modes. The mode of operation is programmed on a channel-by-channel basis.

Please note that the XTS 2500 does NOT support FRED.

CHANNEL SPACING

There are no maximum frequency separation conditions that must be adhered to on the XTS2500 Portable Radio Series. Separation of frequencies can be as wide as the allowable sub-band per radio model with no degradation of any performance specifications. If an incorrect antenna is used, degraded performance may be experienced.

FLASHport® AFTERMARKET UPGRADES

The XTS 2500 Portable Series Radios are part of the FLASHport® Program. This means that XTS 2500 hardware models can be loaded with different software packages that provide the features and functionalities that your customers require.

The XTS 2500 portable can be upgraded electronically (via RS232 cable or USB cable are required for all software upgrades) in the field with new systems operation (contingent upon remaining within the same RF subband) by ordering upgrade kits.

RELATIVE RADIATED RECEIVE SENSITIVITY

The relative radiated receive sensitivity test (formerly referred to as self-quieters) measure the sensitivity from 896MHz to 940Mhz in 12.5kHz steps. The radio is set to 25kHz channel mode. These measurements were taken in a shielded environment so that degraded sensitivity at discrete frequencies is known to be due to the radio's self-interference (as opposed to external interference.) The following list contains frequencies which were consistently found to have severely degraded performance on all measured radios: 936 MHz, 939.3 MHz

Ordering Requirements

Ordering procedure is as follows:

- 1 H46WCD9PW5BN XTS 2500 Portable
- 1A Q443 3600 Analog Operation
- 1B etc
 - 1. Order the XTS 2500 Portable Series as the main line item (H46WCD9PW5BN).
 - Each hardware model MUST be ordered with one Operating Mode. One Operating Mode Package MUST be ordered for each radio unit ordered. Choose between 3600 Analog, Trunking or Conventional Operation.

Legend:

Blue=Feature to be added in a Future Release

FCC Information

FCC IDENTIFIER: AZ489FT5849

Name of Grantee: Motorola Solutions, Inc.

| | Frequency | Output | Frequency | Emission |
|----------------|--|--|---|---|
| FCC Rule Parts | Range (MHZ) | Watts | Tolerance | Designator |
| 90 | 896.0 - 901.0 | 2.5 | 1.5 PM | 11K0F3E |
| 90 | 935.0 - 940.0 | 2.5 | 1.5 PM | 8K10F1E |
| 90 | 935.0 - 940.0 | 2.5 | 1.5 PM | 8K10F1D |
| 90 | 935.0 - 940.0 | 2.5 | 1.5 PM | 11K0F3E |
| 90 | 896.0 - 901.0 | 2.5 | 1.5 PM | 8K10F1E |
| 90 | 896.0 - 901.0 | 2.5 | 1.5 PM | 8K10F1D |
| | FCC Rule Parts 90 90 90 90 90 90 90 90 | Transmitter Held to PORTABLE 2-WAY Frequency FCC Rule Parts Range (MHZ) 90 896.0 - 901.0 90 935.0 - 940.0 90 935.0 - 940.0 90 935.0 - 940.0 90 935.0 - 940.0 90 935.0 - 940.0 90 935.0 - 940.0 90 935.0 - 940.0 | FCC Rule PartsFrequency Range (MHZ)Output Watts90896.0 - 901.02.590935.0 - 940.02.590935.0 - 940.02.590935.0 - 940.02.590935.0 - 940.02.590896.0 - 901.02.5 | Transmitter Held to Face PORTABLE 2-WAY RADIO Notes: PORTABLE 2-WAY RADIO FCC Rule Parts Frequency Range (MHZ) Output Watts Frequency Tolerance 90 896.0 - 901.0 2.5 1.5 PM 90 935.0 - 940.0 2.5 1.5 PM 90 896.0 - 901.0 2.5 1.5 PM 90 896.0 - 901.0 2.5 1.5 PM |

XTS 2500 PORTABLE RADIO SPEC SHEET

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

ASTRO Advanced Messaging Solution (AMS)

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

ASTRO Advanced Messaging Solution will be available on XTS 2500 Dual Display Portable radios. Advanced Messaging is NOT supported on XTS 2500 Top Display Portable radios.

Ordering ASTRO Advanced Messaging Solution for XTS 2500 Portable Requires:

XTS 2500 Dual Display

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS2500900.htm

- P25 Conventional (Q811)

Packet Data Interface (Q947)

OR

XTS 2500 Dual Display

ASTRO Project 25 Trunking Software (Q574/Q575)

Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Advanced Messaging Solution on the subscribers as the functionality is included in the Packet Data option. Also, the text messaging functionality carries a per-radio charge on the server side of \$50 (one time license fee to access messaging services) per radio. When adding query the fee is \$125 per radio. For additional ordering guidelines of the AMS feature which includes the server and radio license fees, please visit -

http://ecat.comm.mot.com/ecat/pricebooks/dup/MCCP.htm

| Models | | | | | |
|--------------|--|---|--|--|--|
| Nomenclature | APC | Price | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Nomenclature | APC | Price | | | |
| DDN1131 | 407 | \$1,920.00 | | | |
| | | | | | |
| DDN1132 | 571 | \$750.00 | | | |
| DDN1133 | 407 | \$883.00 | | | |
| | | | | | |
| DDN1134 | 407 | \$883.00 | | | |
| | | | | | |
| DDN1135 | 571 | \$405.00 | | | |
| 22 | •••• | \$735.00 | | | |
| BBITTO | 071 | φ <i>ι</i> 00.00 | | | |
| DDN1137 | 407 | \$186.00 | | | |
| DDN1138 | 407 | \$186.00 | | | |
| DDN1139 | 407 | \$186.00 | | | |
| DDN1140 | 407 | \$186.00 | | | |
| | Nomenclature DDN1131 DDN1132 DDN1133 DDN1134 DDN1135 DDN1136 DDN1137 DDN1138 DDN1139 | DDN1131 407 DDN1132 571 DDN1133 407 DDN1134 407 DDN1135 571 DDN1136 571 DDN1138 407 DDN1139 407 | | | |

| Description CARRY CASE SHOULDER STRAP Adjustable Nylon Carrying Strap | Nomenclature NTN5243A | APC 271 | Price \$23.00 |
|--|---|--------------------------|--------------------------------------|
| Belt Loops | Nomencleture | | Dries |
| Description BELT CLIP 2 1/4" 2" SPRING BELT CLIP For MTH800 - to be used in conjunction with bracket U/slot FTN6302 | Nomenclature HLN6853 HLN9844 | APC 271 577 | Price \$11.50 \$11.50 |
| IMPRES batteries (HT/PRO,TRBO & APX adapter included) Belt Clip(s) | | | |
| Battery Maintenance System Description NA FLEET MANAGEMENT LICENSE KEY IMPRES BATTERY DATA READER Provides IMPRES battery users ability to access key usage data via PC. Compatible w/all | Nomenclature HKVN4036A NNTN7392 | APC 785 785 | Price \$489.00 \$250.00 |
| Description PREM BATT NICD 1525 MAH BATTERY STD IP54 LIION 2700M2900T | Nomenclature NTN9815B PMNN4454AR | APC 453 453 | Price \$100.00 \$85.00 |
| Battery | | | |
| Antenna Description ANTENNA 896-941MHZ 1/2" WAVELENGTH WHIP ANTENNA, 806-941MHZ 1/4 WAVELENGTH WHIP (STUBBY) | Nomenclature NAF5038 NAF5042 | APC 476 476 | Price \$35.75 \$25.50 |
| The Surveillance/KEYLOAD ADAPTER NTN8613 allows XTS2500, XTS3000, XTS3500 and XTS5000 radios to be used with a ZMN6031, ZMN6032, ZMN6038 or ZMN6039 surveillance microphone and earpiece | | | |
| Description 3.5 MM JACK ADAPTER WITH QUICK DISCONNECT LATCH For use with 1, 2 & 3 wire earpiece. KEYLOAD ADAPTER | Nomenclature BDN6676 NTN8613 | APC 742 476 | Price \$52.50 \$89.25 |
| Adapter | | | |
| ZEPHYR XTS RID ZEPHYR PSM RID BUNDLE XS-MED Motorola PSM bundle includes 1 BT BioHarness, 1 side strap (XS - Med), 1 RID ZEPHYR PSM RID BUNDLE MED-XL Motorola PSM bundle includes 1 BT BioHarness, 1 side strap (med ? XL), 1 RID | DDN1159 DDN1160 DDN1161 | 407 571 571 | \$375.00 \$908.00 \$908.00 |
| ZEPHYR OMNISENSE SW CD & DOCUMENTS ZEPHYR BLUETOOTH BIOMODULE ZEPHYR 4 BAY CHARGER W USA PLUGPACK | DDN1149 DDN1150 DDN1151 | 407 407 571 | \$1,500.00 \$815.00 \$220.00 |
| ZEPHYR RSM CONFIGURATION BLOCK ZEPHYR BIOSHIRT RESPONDER - SMALL | DDN1141 DDN1146 | 571 407 | \$200.00 \$186.00 |

| | Nomencleture | | |
|--|--------------------------|-------------------|-------------------------|
| LEATHER CASE W/HIGH ACTIVITY 3.0" SWIVEL BELT LOOP | Nomenclature NNTN4115 | APC 271 | Price \$60.00 |
| Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. LEATHER CASE W/HIGH ACTIVITY 2.5" SWIVEL BELT LOOP Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH. | NNTN4116 | 271 | \$60.00 |
| LEATHER CASE W/SNAP BELT LOOP & T-STRAP Includes snap belt loop and t-strap. For NiCad or NiMH. | NNTN4117 | 271 | \$60.00 |
| LEATHER T-STRAP, PLAIN ACTION SNAP LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | NTN8383 NTN8384 | 476 476 | \$10.50 \$10.50 |
| Charger | | | |
| Description | Nomenclature | APC | Price |
| CHARGER, 110 VOLT, US PLUG | NTN1667 | 476 | \$100.00 |
| IMPRES CHARGER | WPLN4111AR | 785 | \$165.00 |
| Charger Line Cords | | _ | |
| Description | Nomenclature | APC | Price |
| CHARGER, 220V LINE CORD Can be used on any of the single or multi unit chargers, or power supplies, to provide for domestic or international operation. | NTN7374 | 476 | \$17.25 |
| Commport Integrated Microphone/ | Receiver | | |
| Description | Nomenclature | APC | Price |
| COMMPORT WITH PALM PTT | NTN1624 | 115 | \$419.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. COMMPORT WITH PTT ON RADIO ADAPTER | NTN1625 | 115 | \$419.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. COMMPORT WITH SNAP-ON SIDE PTT CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1736 | 115 | \$429.00 |
| Earpieces | | | |
| Description | Nomenclature | APC | Price |
| RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE | AARLN4885 | 742 | \$25.00 |
| | DDN0077 | 740 | ¢400.00 |
| EAR MICROPHONE FOR STANDARD NOISE LEVELS, BLACK Designed to pick up the voice through bone vibrations directly in the ear canal. Complete system consists of an Ear microphone and the corresponding Radio Interface Module (PTT or VOX). For noise levels up to 95 db. Requires Interface Module. *HT750, HT1250 & PR1500 - Intrinsically Safe (FM) Note: VOX is not recommended for trunking operation. | | 742 | \$198.00 |
| FLEXIBLE EAR RECEIVER | BDN6719 | 742 | \$35.00 |
| Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS- Requires PMLN4455 - Intrinsically Safe (FM) | | | · |
| EARBUD, MINI MICROPHONE AND PTT | BDN6780 | 742 | \$67.00 |
| *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). | | | |
| EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) | BDN6781 | 742 | \$27.00 |
| *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *XTS 5000 & XTS 2500 requires BDN6676. Intrinsically Safe (FM). Assembled (receive only) with volume control & standard urethane earloop. *PR1500 - requires BDN6676 - Intrinsically Safe (FM)) | | | |
| D-SHELL RX-ONLY EARPIECE(3.5MM) | PMLN4620A | 742 | \$19.00 |
| BONE CONDUCTION EAR MICROPHONE | PMLN5464 | 742 | \$395.00 |

| (XTS3000/5000/2500/1500/MT1500/PR1500) | | | |
|--|-----------|-----|---------|
| RECEIVE ONLY EARPIECE W/TRANSLUCENT TUBE | RLN4941A | 742 | \$58.00 |
| EARPLUGS FOAM/ACOUSTIC TUBE BLACK | RLN6230A | 742 | \$32.00 |
| RUBBER EARTIP/ACOUSTIC TUBE BEIGE | RLN6241A | 742 | \$20.00 |
| QUICK DISCONNECT ACOUSTIC TUBE | RLN6242A | 742 | \$7.90 |
| EAR RCVR W/COIL CBL&3.5MM PLUG | WADN4190B | 742 | \$43.00 |

| Headsets | | | |
|--|--------------|-----|----------|
| Description | Nomenclature | APC | Price |
| HEADSET LIGHTWEIGHT | NMN6245 | 785 | \$149.00 |
| Single Muff Lightweight Headset with In-Line PTT Switch (requires BDN6676 audio adapter)- Intrinsically Safe (FM) | | | |
| EX500, EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | | | |
| MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT- | NMN6258 | 742 | \$389.00 |
| NRR=24DB-INTRIN (FM) | | | |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB | | | |
| MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= | NMN6259 | 742 | \$425.00 |
| 24DB-INTRIN (FM) | | | |
| Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB | | | |
| TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO | RMN4049 | 742 | \$225.00 |
| THROUGH THE TEMPLES | | | |

Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in-line PTT.

Microphones

| Microphones | | | |
|---|--------------|-----|----------------|
| Description | Nomenclature | APC | Price |
| SPKR MIC NON-SUBMSBL, GPS RSM | HMN4084 | 372 | \$350.00 |
| HMN4084 has the Earjack. Not compatible with Man-Down Side connector (NTN7660) or Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183). When used with XTS 2500, requires B version board. INCLUDES GPS RSM User guide (6881098C03). | | | |
| GPS R2 SMART/NON-SUBM RSM FM | HMN4112A | 372 | \$350.00 |
| GPS R2.0 RSM, 3.5mm audio jack XTS2500 compatibility requires B tanapa version hardware and radio host R10.00.00 or later XTS5000 compatibility requires radio host cost R06.01.00 or later. FM compliant | | | |
| GPS R2 SMART/SUBM RSM FM | HMN4113A | 372 | \$350.00 |
| GPS R2.0 RSM, Submersible XTS2500 compatibility requires B tanapa version hardware and radio host R10.00.00 or later XTS5000 compatibility requires radio host cost R06.01.00 or later. FM compliant | | | |
| REMOTE SPEAKER MICROPHONE, IP57 | PMMN4038A | 372 | \$88.50 |
| REMOTE SPEAKER MIC, NC | PMMN4045B | 372 | \$97.00 |
| REMOTE SPEAKER MIC, RX-JACK | PMMN4051B | 372 | \$89.00 |
| | | | |
| Multi Unit Chargers | | | |
| Description | Nomenclature | APC | Price |
| IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY | WPLN4108 R | 785 | \$788.00 |
| Public Safety Microphone(| s) | | |
| Description | Nomenclature | APC | Price |
| PSM STRAIGHT CABLE 30IN | RMN5072B | 372 | \$160.00 |
| PSM STRAIGHT CABLE 24IN | RMN5073B | 372 | \$160.00 |
| PSM STRAIGHT CABLE 18IN | RMN5074B | 372 | \$160.00 |
| | | 0.2 | <i></i> |
| Surveillance | | | |
| Description | Nomenclature | APC | Price |
| · | | | |
| | | | |

| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) | BDN6664 | 742 | \$40.00 |
|--|----------|-----|----------|
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and | | | |
| APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE | BDN6665 | 742 | \$42.00 |
| (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. | | | |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
| *PR1500 requires BDN6676 adapter. FM Approved EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE | BDN6666 | 742 | \$53.00 |
| (SINGLE WIRE) | DDIN0000 | 142 | φ03.00 |
| 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded | | | |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and | | | |
| APX7000/7000XE. | | | |
| *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved | | | |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | |
| EARPIECE WITH MICROPHONE & PTT COMBINED - BEIGE (2 WIRE) | BDN6667 | 742 | \$114.00 |
| 2-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | |
| *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speake Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | r | | |
| EARPIECE WITH MICROPHONE & PTT SEPARATE - BEIGE (3 WIRE) | BDN6668 | 742 | \$135.00 |
| 3-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and | 22110000 | | ¢100100 |
| APX7000/7000XE. *HT1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. * EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | 3 | | |
| | DDNCCCO | 742 | ¢440.00 |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BEIGE (2 WIRE) | BDN6669 | 142 | \$118.00 |
| 2-Wire Receive-Only Surveillance Kit with Extra- | | | |
| Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | |
| *HT1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote | 9 | | |
| Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BEIGE (3 WIRE) | BDN6670 | 742 | \$150.00 |
| 3-Wire Receive-Only Surveillance Kit with Extra- | | | |
| Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | |
| *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved *EX500 & EX600 XLS require PMLN4455 adapter. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BLACK | BDN6726 | 742 | \$40.00 |
| (SINGLE WIRE) | - | | |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | |
| *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. | | | |
| *XTS 2500 & XTS 5000 require new adaptor. FM Approved. | | | |

| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | |
|---|------------------------------------|--------------------------|-------------------------------------|
| RECEIVE ONLY EARPIÈCE WITH EXTRA LOUD EARPHONE - BLACK (SINGLE WIRE) | BDN6727 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | |
| EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BLACK (SINGLE WIRE) | BDN6728 | 742 | \$53.00 |
| Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 3000 requires BDN6676 adapter. If being used with Remote Speaker Microphone with | | | |
| 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 requires new adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. EARPIECE WITH MICROPHONE & PTT COMBINED - BLACK (2 WIRE) | | 742 | \$114.00 |
| 2-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and | BDIN0729 | 742 | ΦΠ4.00 |
| APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 require BDN6676 adapter. FM Approved. | | | |
| EARPIECE WITH MICROPHONE & PTT SEPARATE - BLACK (3 WIRE) 3-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. | BDN6730 | 742 | \$135.00 |
| *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS requires PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BLACK (2 WIRE) | BDN6731 | 742 | \$118.00 |
| 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 require new adaptor. | | | |
| *ATS 2500 & XTS 5000 require hew adaptor. *FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BLACK (3 WIRE) | BDN6732 | 742 | \$150.00 |
| 3-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. | | | |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| UNDEFINED | News | | Б. |
| Description ASSY,ENT/CONCTIV,HSET,98682H,BT HS 300 GPS R2 SMART/NON-SUBM RSM | Nomenclature 98682H HMN4107A | APC 742 372 | Price \$40.00 \$350.00 |
| Customer Programming Softw | | | |
| Description SOFTWARE,CPS R20.00.00 ASTRO 25 PORTABLE | Nomenclature RVN4181AV | APC 371 | Price \$265.00 |

Data Compiled 16-Feb-2015 using DUP and all prices in USD

XTS 5000 Last Order Entry Date : October 31, 2013

XTS 5000 Last Scheduled Ship Date: November 30, 2013

XTS 5000 Notification of Intent to Cancel Memo

****** Alternative products include the APX Series ******– <u>APX7000</u> / <u>APX7000XE</u> / <u>APX6000</u> / <u>APX6000XE</u>

ASTRO® Digital XTS 5000 Portable Series 700/800 MHz Band SMARTNET® "Handie-Talkie™" Radio Conventional/ Secure/ Trunked Radio Systems



Ship Card

Features

All ASTRO Digital XTS 5000 packaged models include the following hardware features:

- 3 Programmable Side Buttons
- Orange Emergency Button

- 1 Top Mounted Programmable Two Position Concentric Switch
- 1 Top Mounted Programmable Three Position Toggle Switch

- Illuminated 16 Position Mode Rotary Select Switch
- Angled On/Off Volume
- Low Battery Alert Tone
- Antenna (Band split and Type Dependent on Band Option)
- Smart Battery Technology
- Noise Reduction Software

- Weather Sealed Universal Connector
- Bi-Color LED Indicator
- Nickel Metal Hydride Battery
- Detachable Belt Clip
- ASTRO 25
- Audio Gain Control

ASTRO

Digital XTS 5000 Model III also include:

- Full Keypad for Private Call
- 6 Lines Alphanumeric Display
- Date and Time Stamp

- Keypad Tone Mute
- Large Navigational Keypad
- Real Time Clock

All ASTRO Digital XTS 5000 Portables are part of the FLASHport® program and ship standard with a FLASH EE Prom, which allows for feature and system upgrades (contingent upon remaining within the same RF deck.)

Physiological Monitoring Solution

Physiological Monitoring is now available on the ASTRO 25 XTS5000 and XTS2500 portable radios. The Zephyr BioHarness[™] BT couples the pioneering Smart Fabric sensor technology of the comfortable and unobtrusive BioHarness[™] garment with the power and ubiquity of Bluetooth[®]. BioHarness[™] BT enables the capture and transmission of comprehensive physiological data on the wearer exclusively via MOTOROLA ASTRO RADIOS – enabling genuine remote monitoring of human performance and condition in the real world.

The BioHarness[™] BT can be used in a diverse range of areas including sports, defense, first responder and healthcare. Its professional-grade BioHarness[™] system monitors conditions such as heat state, dehydration or injury by measuring vital signs including heart rate, breathing rate, skin temperature, posture and activity. Using the subject's voice radio, the BioHarness communicates to monitoring software designed to give real-time alerts and post-event analysis.

BioHarness[™] BT can be worn in virtually any environment – from combat situations to the training field. It maintains performance under extreme activity. Offering fast, accurate collection and analysis of high-quality, indepth data, BioHarness[™] BT is the definitive product for remote physiological monitoring in all conditions.

Zephyr Physiological Monitoring Ordering Guide

General Information

The ASTRO Digital XTS 5000 Portable Line offers three different radio hardware models:

| Hardware Model | Modes | Alphanumeric Display | Keypad | Navigation Pad |
|----------------|-------|----------------------|--------|----------------|
| | | Lines/Characters | | |
| | | Per Line | | |

| ASTRO XTS 5000 Model I | 48 | None | None | No |
|--------------------------|------|------------------|-------|-----|
| ASTRO XTS 5000 Model II | 1000 | 6/12/front mount | 3 x 2 | Yes |
| ASTRO XTS 5000 Model III | 1000 | 6/12/front mount | 3 x 6 | Yes |

Operating Modes

ASTRO Digital XTS 5000 Radio Models are capable of operating in three different voice communication modes:

- Normal Analog (clear voice)
 3.6KB ASTRO Digital (both clear and coded voice)
 9. and coded voice)
- 9.6KB ASTRO 25 Digital (both clear and coded voice) >

The mode of operation is programmed on a channel-by-channel basis. With the coded/clear switch set to the clear mode, the ASTRO Digital XTS 5000 radio is capable of transmitting clear analog voice or clear (unencrypted) ASTRO digital voice, depending on the channel programming. With the coded/clear switch set to the coded mode, the ASTRO Digital XTS 5000 radio will transmit ASTRO Digital Encryption depending on the channel programming. ASTRO Digital Encryption depending on the channel programming. ASTRO digital encryption provides communications security. ASTRO Digital Encryption (operating in encrypted mode while also operating in the 3.6KB or 9.6 KB ASTRO mode) is capable of XL type encryptions; ASTRO Digital Encryption Does not operate with non-XL encryptions.

An Encryption Option is not required for either clear analog operation or clear ASTRO digital operation. Encryption can be ordered with the ASTRO Digital XTS 5000 radio either as a factory installed option or separate from the radio for later field installation. ASTRO Digital XTS 5000 radio functions include selected ASTRO digital signaling and digital speech coding.

Please note that the XTS5000 does NOT support FRED.

CHANNEL SPACING

There are no maximum frequency separation conditions that must be adhered to on the ASTRO Digital XTS5000 Portable Radio Series. Separation of frequencies can be as wide as the allowable sub-band per radio model with no degradation of any performance specifications. If an incorrect antenna is used, degraded performance may be experienced.

FLASHport AFTERMARKET UPGRADES

The ASTRO Digital XTS 5000 Portable Series Radios are part of the FLASHport Program. This means that ASTRO Digital XTS 5000 hardware models can be loaded with different software packages that provide the features and functionalities that your customers require. Three different hardware models are available in each band split.

System Enhancement Options can be loaded at the time of radio purchase or at a later date through the use of software field upgrades (a RS232 cable or USB cable are required for all software upgrades.) The ASTRO Digital XTS 5000 portable can be upgraded electronically in the field with new features in the current system or to new systems operation (contingent upon remaining within the same RF sub-band) by ordering upgrade kits.

Ordering Requirements

Ordering procedure is as follows...

- 1 H18UCH9PW N ASTRO XTS 5000 Portable
- 1A Q806 Digital Operation
- 1B H38 SmartZone® Operation
- 1C ETC
- 1. Order the ASTRO Digital XTS 5000 Portable Series as the main line item (H18UCH9PW7_N).
- 2. Each hardware model MUST be ordered with one Operating Mode. One Operating Mode for each radio unit ordered. Choose between Analog or Digital Operation.
- 3. Each Hardware model MUST be ordered with one System Software Package. One System Software Package for each radio unit ordered.
 - The matrix below list available radio wide, conventional features, and standard trunking features for SMARTNET(H37) and SmartZone(H38) System Packages.
 - The SmartZone features listed in the second matrix are available in the SmartZone(H38) package ONLY.
- 4. Select ANY desired System Enhancement Options
 - System Enhancement Options can be loaded at the time of radio purchase or at a later date through the use of software field upgrades (a RS232 cable or USB cable are required for all software upgrades.)

| COMMON SOFT | WARE FEATURES S | UPPORTED BY | |
|--|-----------------------------|--------------------------|-----------------------------------|
| H37 "SM/ | ARTNET"/H38 "Sma | rtZone" | |
| | "Analog Operation"(Q241) | "ASTRO Digital"(Q806) | "ASTRO Digital"(H38/Q806/Q361) |
| | Non-Project 25 | Non-Project 25 | Project 25 |
| | (3600 Baud) | (3600 Baud) | (9600 Baud) |
| RADIO WIDE FEATURES | | | |
| Maximum Modes | | | |
| ASTRO Digital XTS 5000 Model 1 | 16/48 | 16/48 | 16/48 |
| ASTRO Digital XTS 5000 Model II & III | 1000 | 1000 | 1000 |
| Analog and Digital Operation | - | Yes | Yes |
| 12.5/20/25 KHz Programmable Channels | Yes | Yes | Yes |
| Secure Capable | No | Yes | Yes |
| One Touch Operation | Yes | Yes | Yes |
| Real Time Clock | Yes | Yes | Yes |
| Surveillance Mode | Yes | Yes | Yes |
| Keypad Lock | Yes | Yes | Yes |
| Radio Lock | Yes | Yes | Yes |
| Smart Battery | Yes | Yes | Yes |
| Radio Wide Transmit Inhibit | Yes | Yes | Yes |
| Time Out Timer | Yes | Yes | Yes |
| FLASHport | Yes | Yes | Yes |
| ANALOG CONVENTIONAL FEATURES | | | |
| Conventional Features are additional radio wide features beyond those specified above. | | | |
| | | | |

| CSQ/PL/DPL | Yes | Yes | Yes |
|--|-----|--------|-------------|
| Dual Priority Channel Scan | Yes | Yes | Yes |
| Adaptive Power Control | Yes | Yes | Yes |
| Repeater/Talkaround Operation | Yes | Yes | Yes |
| Scan (Auto, Pre-programmed, Operator Selectable) | Yes | Yes | Yes |
| Smart PTT | Yes | Yes | Yes |
| Monitor | Yes | Yes | Yes |
| DTMF Tone Generation | Yes | Yes | Yes |
| DIGITAL CONVENTIONAL SIGNALING FEATURES | | [| |
| These features are APCO Project 25 Conventional Interoperable Features when used in the ASTRO Digital CAI Mode (Q806). | | | |
| Unaddressed Voice Call | - | Yes | Yes |
| Talk Group Call | - | Yes | Yes |
| Group Call Alert™ | - | Yes | Yes |
| Talk Group Identification (TGID) | - | Yes | Yes |
| Selective Call (Individual Voice Call) | - | Yes | Yes |
| Selective Call Decode (Individual Voice Call) | - | Yes | Yes |
| PTT ID (Individual Identification) | - | Yes | Yes |
| Call Alert Encode/Decode | - | Yes | Yes |
| Emergency Alarm w/Channel Revert & Ack. | - | Yes | Yes |
| Telephone Interconnect | - | Yes | Yes |
| Unlimited (Model III Only) | - | Future | Future |
| Selective Radio Inhibit | - | Yes | Yes |
| Radio Check | - | Yes | Yes |
| Status/Message | - | Yes | Yes |
| Trunking Type II Only Features | | | |
| Maximum Number of Trunked Systems-20 | Yes | Yes | Yes |
| Talkgroup Calls | No | Yes | Yes |
| PTT ID (H14 option required) | Yes | Yes | Yes |
| Call Alert Encode/Decode | Yes | Yes | Yes |
| Dual Mode Scan | Yes | Yes | Yes |
| Failsoft by Talkgroup | Yes | Yes | Yes |
| Telephone Interconnect Encode/Decode | Yes | Yes | Yes |
| System Wide Call (Receive Only) | Yes | Yes | Yes |
| Selective Radio Inhibit | Yes | Yes | Yes |
| Priority Monitor Scan | Yes | Yes | Yes |
| Dynamic Regrouping | Yes | Yes | Yes |
| Status/Message | Yes | Yes | Status Only |
| Private/Enhanced Conversation Encode/Decode | Yes | Yes | Yes |
| Remote Monitor/Radio Trace | Yes | Yes | No |

| Reprogram Request | Futu | re Future | Future |
|-------------------|------------------------------|---------------------------|------------------------------------|
| | SOFTWARE FEATURE | S SUPPORTED BY | |
| | H38 "Smar | 'tZone" | |
| | "Analog Operation" (Q241) | "ASTRO Digital" (Q806) | "ASTRO Digital" (H37/Q806/Q361) |
| | | Non-Project 25 | Project 25 |
| | | | |

| | | 11011110/00120 | 110,000.20 |
|--|--------|----------------|-------------|
| | | (3600 Baud) | (9600 Baud) |
| Trunking Type II Only Features | | | |
| Voice on Control | Future | Future | Future |
| SmartZone Automatic Site Registration | Yes | Yes | Yes |
| SmartZone RSSI Operation | Yes | Yes | Yes |
| SmartZone Preferred Site | Yes | Yes | Yes |
| SmartZone Forced Site Search | Yes | Yes | Yes |
| SmartZone Site Lock/Unlock | Yes | Yes | Yes |
| SmartZone Adjacent Control Channel OSW | Yes | Yes | Yes |
| Emergency Alarm Call Receive Indication | Yes | Yes | Yes |
| | | | |

| LIMITED MDC FEATURES | | | | |
|---|-------------|--|--|--|
| Offered in 6.3 | | | | |
| MDC PTT ID ENCODE/DECODE | YES | | | |
| MDC Selective Radio Inhibit | Decode ONLY | | | |
| MDC Call Alert | Yes | | | |
| MDC Radio Check | Decode ONLY | | | |
| MDC Voice Selective Call | Yes | | | |
| MDC Remote Monitor | Decode ONLY | | | |
| MDC Call Lists (Call Alert / Select Call) | Yes | | | |
| MDC Emergency | Yes | | | |

CONVENTIONAL FACTORY PROGRAMMING

ASTRO Digital XTS 5000 portables ship without customer specific factory programming unless a programming options is specified. **Programming of the following frequencies are not allowed:** 772.8000, 774.0000, 856.8000, and 864.0000 MHz

FREQUENCY AND SQUELCH CODES

Although some models of the ASTRO Digital XTS 5000 are capable of 512 channels, the factory can accommodate the programming of only 128 continuous channels in any one radio. If the programming of more than 128 continuous channels is desired, field programming software must be used. **H477** ADD: Frequency & Squelch Data No Charge

ZONED OPERATION

This option converts MODE-ONLY ASTRO Digital XTS 5000 portables to Zone Operation radios. A maximum of 16 RX and TX pairs can be placed into a zone. There is a maximum of three zones (48 modes) on the "I" Model, with zone operation programmed to the programmable top mounted two-position concentric switch. There is a maximum of 16 zones (512 modes) on the "II" and "III" models, and the zones will be programmed to be selected from the keypad. The factory can only accommodate the programming of only 128 continuous channels consisting of any combination of zones and channels and minimum of 32 channels with two zones on the "II" models. When you ordering H477, H371 must be ordered. H371 ADD: ASTRO Digital XTS 5000 Zone Operation No Charge

PROJECT 25 ENCRYPTION

When ordering any of the Encryption Algorithm:

- Must order the Encryption UCM Hardware (Q159)
 - The DES-OFB and AES encryptions offered are compliant with digital Project 25 standards and does not support analog encryption operation.
 - Requires the ASTRO Digital CAI (Q806) to operate the DES-OFB and AES encryption.
- If ordering a Dual Encryption:
 - The non-OFB encryption (XL versions) can be operated in either analog, or CAI digital mode, but will not be Project 25 compliant.
 - **Requires** the Multikey (H869).
- When used in CAI mode, the non-OFB Encryption will not be Project 25 compliant.
 - Encryption UCM Hardware (Q159) module may be ordered without an Encryption Algorithm for later upgrade in the field.

FIELD INSTALLED PROJECT 25 ENCRYPTION

The DES-OFB and AES encryptions offered are compliant with Project 25 standards. Operation of DES-OFB and/or AES encryption requires the ASTRO Digital CAI (Q806) option. Radios can be upgraded via FLASHport to CAI operation.

- If ordering a Dual Encryption:
 - The non-OFB encryption can be operated in analog or CAI mode (only XL versions operate in either digital mode).
 - **Requires** the Multikey (H869).
- When used in the CAI mode, the non-OFB encryption will not be Project 25 compliant.

FIPS 140-2 COMPLIANCE

Encryption Modules equipped with AES are FIPS 140-2 compliant. Further information regarding FIPS 140-2 certification may be found using the following links:

FIPS 140-2 Crypto Module Validation Program (CMVP)

NIST Cryptographic Module Validation Lists

FM INFORMATION

The XTS 5000 portable radio when properly equipped with options H223CC, H223RUGDCE, Q393AN, and Q393RUGDAR are Factory Mutual (FM/CSA) Approved as intrinsically safe for use in Class I, II, III, Division 1, Group C, D, E, F, and G and Nonicendive Class I, Division 2, Group A, B, C and D, when ordered without encryption modules.

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS5000800.htm

The XTS 5000 portables equipped with UCM encryption modules and options H223CD, H223RUGDCF, Q393AP, and Q393RUGDAQ are FM Approved as Intrinsically Safe for use in Class I, II, III, Division 1, Group D, F, G and Nonicendive for use in Class I, Div 2, Group A, B, C, D only.

Type 1 is not offered on either the 700/800 or UHF R2 bands. XTS 5000 FM/CSA approved portable radio models installed with Type 1 encryption module (Q374 or Q400), are intrinsically safe for use in the Nonicendive, Class I, Division 2, Groups A, B, C, D, when used with Motorola FM/CSA approved battery options Q393AV and Q393RUGDAW or H223CP and H223RUGDCW.

ASTRO Text Messaging Service

ASTRO Text Messaging Service will be available on ASTRO 25 XTS 5000, XTS 2500 Portable radios and ASTRO 25 XTL 5000, XTL 2500 Mobile radios. Text Messaging Service (TMS) allows subscriber users to send and receive text messages to other subscribers or dispatch operators. Users can select messages and addresses from a predefined list or enter freeform text messages and addresses via the keypad. Text Messaging Service is available on ASTRO Trunked IV&D Systems and Subscribers. Subscribers must have version R09.00.00 or later of both Customer Programming Software (CPS) and Radio software .

For full Text Messaging functionality, including freeform text messaging and addressing, must order Model III XTS5000 portables. Model II versions support Limited Text Messaging functionality such as selecting predefined messages or addresses from a list programmed in the radio. Text messaging service is NOT supported on Model I Portables.

Ordering requirements for XTS 5000 Portable:

- Requires Model II or Model III XTS 5000
- ASTRO Digital CAI Operation (G806)
- SmartZone Operation (H38)
- ASTRO Project 25 Trunking Software (Q361)
- Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Text Messaging Service on the subscribers as the functionality is included in the Packet Data option.

Outdoor Personnel Location Global Positioning Satellite (GPS) Feature

The personnel outdoor location tracking GPS feature enables a dispatcher the ability to locate on-foot patrols and out of the vehicle officers who are involved in life threatening situations. The radio user's GPS position information is sent over the ASTRO 25 Integrated Voice & Data (IV&D) network and is delivered to the dispatch operator using a third party mapping display application at the dispatch center (Mapping Application is not yet available through Motorola at this time, however an Application Developers Tool Kit is available for 3rd party vendors to use to modify existing applications. See link below for more details.)

This capability is now available on ASTRO 25 Conventional IV&D Systems and ASTRO 25 Trunking IV&D Systems on XTS 5000 Models I, II, III and Ruggedized with appropriate radio software (see below).

Required equipment for operating in ASTRO 25 Conventional IV&D and ASTRO 25 Trunking IV&D Systems is as follows:

| | ASTRO 25 Conventional IV&D | ASTRO 25 Trunking IV&D |
|--|---|---|
| Radio Software | Version R09.00.00 or later | Version R09.00.00 |
| Customer Programming Software (CPS) | Version R09.00.00 or later (RVN4181) | Version R09.00.00 or later (RVN4181) |
| ASTRO CAI operation | Q806 | Q806 |
| | | |

| System Enhancement Software | H35 (or H37, H38 in Conventional Mode) | H38 |
|---|---|--------------------|
| ASTRO Project 25 Trunking Software | | Q361 |
| GPS Remote Speaker Microphone/GPS Remote Speaker Microphone with Earjack | HMN4080 or HMN4084 | HMN4080 or HMN4084 |

For fielded XTS 5000 Portables that are already Conventional IMBE Digital Enabled or Trunking IMBE Digital Enabled, see FLASHport upgrade Price Pages to order a software refresh to get the GPS enabled software.

During normal operation the radio's battery capacity will be reduced by 10% to 16% based on 1 location update per minute.

NOT COMPATIBLE with Man -Down Side Connector (NTN7660), Clamshell Battery Holder (Q495, Q496, NTN9177, NTN9183).

For further information refer regarding System Requirements, go to the Location Solutions Price Page at: http://ecat.comm.mot.com/ecat/pricebooks/dup/ALOCATION.htm

NOTE:

The GPS technology uses radio signals from earth orbiting satellites, to establish the location coordinates, maximizing your view of clear, unobstructed sky is essential for optimum performance. Where adequate signals from multiple satellites are not available, (usually because you cannot establish a view of a wide area of the sky), the GPS feature of your GPS RSM WILL NOT WORK. Such situations include but are not limited to:

- In underground locations
- Inside of buildings, trains, or other covered vehicles
- Under any other metal or concrete roof or structure
- Between tall buildings or under dense tree-cover

PUBLIC SAFETY SPEAKER MICROPHONES (PSM)

The RF switch has been removed from the XTS Radio to provide cost savings on the model. Therefore, the EXTERNAL RF SWITCH must be ORDERED and then ATTACHED to the radio in order for the PSM to operate. A wrench tool must be used to place the RF switch. These kits must be ordered separately. The RF switch and microphones are FM approved.

FCC Information

FCC IDENTIFIER: AZ489FT5806

Name of Grantee: Motorola Solutions, Inc.

Equipment Class:Licensed Non-Broadcast Transmitter
Held to FaceNotes:Astro Digital XTS5000 Hand Held
Portable RadioModular Type:Does not apply

Frequency Output Frequency Emission

| Grant Notes | FCC Rule Parts | Range (MHZ) | Watts | Tolerance | Designator |
|-------------|----------------|---------------|-------|-----------|------------|
| BH | 90R, 90S | 764.0 - 870.0 | 3.0 | 1.5 PM | 16K0F3E |
| BH | 90R, 90S | 764.0 - 870.0 | 3.0 | 1.5 PM | 11K0F3E |
| BH | 90R, 90S | 764.0 - 870.0 | 3.0 | 1.5 PM | 8K10F1E |
| BH | 90R, 90S | 764.0 - 870.0 | 3.0 | 1.5 PM | 8K10F1D |
| BH | 90R, 90S | 764.0 - 870.0 | 3.0 | 1.5 PM | 20K0F1E |

ALL ITEMS REQUIRE AN EXPORT LICENSE TO BE EXPORTED FROM THE UNITED STATES/CANADA

XTS 5000 Catalog Sheet

XTS Vehicular Adapter (XTVA)

Here is a link for the XTS 5000 notation. http://www.motorola.com/cgiss/portables/xts5000.htm.

ASTRO Advanced Messaging Solution (AMS)

The ASTRO 25 Advanced Messaging Solutions is the latest messaging platform from Motorola Solutions and will replace ASTRO Text Messaging Service (TMS). As a complete end-to-end solution it leverages the core assets of ASTRO 25 IV&D/CID networks, ASTRO 25 radios, Integrated Command Center applications and Unified Network Services. The application allows responders to send/receive messages and run database queries from ASTRO 25 data enabled portable radios, extending real time information access to the field so dispatchers and first responders can be more efficient and achieve safer outcomes.

Provides functional parity with TMS and leverages the PremierOne messaging services platform, offering multiple configurations to enhance and extend core messaging functionality that can include queries and dispatch notifications. Based upon the configuration chosen, ASTRO 25 Advanced Messaging Solution extends Computer Aided Dispatch (CAD) information beyond the vehicle to select ASTRO 25 Portable radios.

Many Public Safety agencies have experienced the benefits of messaging and sharing important information to/from the communication center (dispatch) and vehicles equipped with MDT's. With ASTRO 25 Advanced Messaging Solution we are extending that capability to responders when Outside the Vehicle.

ASTRO Advanced Messaging Solution will be available on XTS 5000 Dual Display Portable radios. Advanced Messaging is NOT supported on XTS 5000 Top Display Portable radios.

Ordering ASTRO Advanced Messaging Solution for XTS 5000 Portable Requires:

- · XTS 5000 Dual Display
- · ASTRO Digital CAI Operation (Q806)
- · P25 Conventional (H35)

· Packet Data Interface (Q947)

OR

- · XTS 5000 Dual Display
- · ASTRO Digital CAI Operation (Q806)
- SmartZone Operation (H38)
- · ASTRO Project 25 Trunking Software (Q361)
- · Packet Data Interface (Q947)

NOTE: There is no specific option to order for the Advanced Messaging Solution on the subscribers as the functionality is included in the Packet Data option. Also, the text messaging functionality carries a per-radio charge on the server side of \$50 (one time license fee to access messaging services) per radio. When adding query the fee is \$125 per radio. For additional ordering guidelines of the AMS feature which includes the server and radio license fees, please visit -

http://ecat.comm.mot.com/ecat/pricebooks/dup/MCCP.htm

XTS 5000 - INTENT TO CANCEL MEMO

| Models | | | |
|---|---|---------------------------------|--|
| Description | Nomenclature | APC | Price |
| Options | | | |
| Accessories | | | |
| Adapter | | | |
| Description 3.5 MM JACK ADAPTER WITH QUICK DISCONNECT LATCH For use with 1, 2 & 3 wire earpiece. | Nomenclature BDN6676 | APC 742 | Price \$52.50 |
| Antenna | | | |
| Description ANTENNA ANTENNA, 806-870 MHZ 1/2 WAVELENGTH WHIP | Nomenclature 8505241U11 NAF5037 | APC 001 476 | Price \$35.00 \$35.75 |
| Battery | | | |
| Description IMPRES NIMH 1800 MAH BATT BATT 1700 MAH FM NIMH BATTERY IMPRES NIMH, 1700 MAH. INTRINSICALLY SAFE, | Nomenclature NNTN4435B NNTN4436B NNTN4437B | APC 453 453 453 | Price \$123.00 \$142.00 \$147.00 |

http://ecat.comm.mot.com/ecat/pricebooks/dup/XTS5000800.htm

RUGGEDIZED

IMPRES batteries provide for automatic and adaptive reconditioning in IMPRES chargers, provide end of service life display, and real-time battery information when used with the IMPRES MUC with display.

| display. | | | |
|---|--|--|---|
| BATTERY IMPRES LI-ION 4150 MAH | NNTN6034A | 453 | \$155.00 |
| BATTERY IMPRES LI-ION 3950MAH FM RUGGED | NNTN7453A | 453 | \$171.00 |
| Li-Ion 3950mAh, IMPRES, Intrinsically Safe, Ruggedized | | | |
| BAT HOLDER CLAMSHELL BLK | NTN9177 | 453 | \$66.00 |
| Portable radio software version R07.00.02 or greater is required for use with this product. Clamshell battery requires 12 "AA" alkaline batteries to operate portable. "AA" batteries are NOT included. This battery is NOT FM approved or Intrinsically safe. This battery will automatically reduce the radio's RF power to 2watts. | | | |
| BAT HOLDER CLAMSHELL ORG | NTN9183 | 453 | \$50.00 |
| Portable radio software version R01.20 or greater is required for use with this product. Clamshell battery requires 12 "AA" alkaline batteries to operate portable. "AA" batteries are NOT included. This battery is NOT FM approved or Intrinsically safe. This battery will automatically reduce the radio's RF power to 2watts. | | | |
| BATTERY IMPRES LION 2750 MAH | NTN9862C | 453 | \$150.00 |
| IMPRES batteries provide for automatic and adaptive reconditioning in IMPRES chargers, provide end of service life display, and real-time battery information when used with the IMPRES MUC with display. | | | |
| BATT STD IP54 LIION4000M4200T | PMNN4449AR | 453 | \$99.75 |
| BATTERY 3000 MAH FM NIMH | RNN4007 R | 453 | \$150.00 |
| Guaranteed for 70% of capacity 1 year, only Compatible with NTN1177/4796, 1168 and all TRI-Chem Chargers. | | | |
| Battery Maintenance Systems | N I (| | . . |
| Description | Nomenclature | APC | Price |
| NA FLEET MANAGEMENT LICENSE KEY | HKVN4036A | 785 | \$489.00 |
| IMPRES BATTERY DATA READER | NNTN7392 | 785 | \$250.00 |
| Provides IMPRES battery users ability to access key usage data via PC. Compatible w/all IMPRES batteries (HT/PRO,TRBO & APX adapter included) | | | |
| Belt Clip(s) | N I / | | |
| Description | Nomenclature | APC | Price |
| 3" PLASTIC BELT CLIP ATTACHMENT | HLN6875A | 721 | \$12.00 |
| Belt Loops | | | |
| • | | | |
| Description | Nomenclature | APC | Price |
| Description | Nomenclature | APC | Price |
| Description 3 INCH LEATHER SWIVEL BELT LOOP | Nomenclature NTN8040 | APC 476 | Price \$12.00 |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele | NTN8040 | 476 | \$12.00 |
| 3 INCH LEATHER SWIVEL BELT LOOP | NTN8040 | - | |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele | NTN8040 | 476 | \$12.00 |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele Description | NTN8040 ess Nomenclature | 476 | \$12.00 Price |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele Description MISSION CRITICAL WIRELESS ADAPTER | NTN8040 ess Nomenclature | 476 | \$12.00 Price |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele Description MISSION CRITICAL WIRELESS ADAPTER Mission Critical Wireless Adapter is not intrinsically safe nor approved for use in Hazardous Locations | NTN8040 ess Nomenclature PMLN5792A | 476 APC 742 | \$12.00 Price \$99.00 |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele Description MISSION CRITICAL WIRELESS ADAPTER Mission Critical Wireless Adapter is not intrinsically safe nor approved for use in Hazardous Locations XTS BLUETOOTH ADAPTER Carrying Case(s) | NTN8040 ess Nomenclature PMLN5792A RMN5104A | 476 APC 742 742 | \$12.00 Price \$99.00 \$179.00 |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele Description MISSION CRITICAL WIRELESS ADAPTER Mission Critical Wireless Adapter is not intrinsically safe nor approved for use in Hazardous Locations XTS BLUETOOTH ADAPTER Carrying Case(s) Description | NTN8040 ess Nomenclature PMLN5792A RMN5104A Nomenclature | 476 APC 742 742 APC | \$12.00 Price \$99.00 \$179.00 Price |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele Description MISSION CRITICAL WIRELESS ADAPTER Mission Critical Wireless Adapter is not intrinsically safe nor approved for use in Hazardous Locations XTS BLUETOOTH ADAPTER Carrying Case(s) Description 2.5 INCH LEATHER SWIVEL BELT LOOP | NTN8040 ess Nomenclature PMLN5792A RMN5104A | 476 APC 742 742 | \$12.00 Price \$99.00 \$179.00 |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele Description MISSION CRITICAL WIRELESS ADAPTER Mission Critical Wireless Adapter is not intrinsically safe nor approved for use in Hazardous Locations XTS BLUETOOTH ADAPTER Carrying Case(s) Description 2.5 INCH LEATHER SWIVEL BELT LOOP For use only with the High Activity Leather Swivel Snap Carry Cases. | NTN8040 ess Nomenclature PMLN5792A RMN5104A Nomenclature NTN8039 | 476 APC 742 742 APC 476 | \$12.00 Price \$99.00 \$179.00 Price \$12.00 |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele Description MISSION CRITICAL WIRELESS ADAPTER Mission Critical Wireless Adapter is not intrinsically safe nor approved for use in Hazardous Locations XTS BLUETOOTH ADAPTER Carrying Case(s) Description 2.5 INCH LEATHER SWIVEL BELT LOOP For use only with the High Activity Leather Swivel Snap Carry Cases. HIGH-ACTIVITY SWIVEL LEATHER CASE | NTN8040 ess Nomenclature PMLN5792A RMN5104A Nomenclature NTN8039 NTN8380C | 476 APC 742 742 APC 476 476 | \$12.00 Price \$99.00 \$179.00 Price \$12.00 \$60.00 |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele Description MISSION CRITICAL WIRELESS ADAPTER Mission Critical Wireless Adapter is not intrinsically safe nor approved for use in Hazardous Locations XTS BLUETOOTH ADAPTER Carrying Case(s) Description 2.5 INCH LEATHER SWIVEL BELT LOOP For use only with the High Activity Leather Swivel Snap Carry Cases. HIGH-ACTIVITY SWIVEL LEATHER CASE LEATHER CASE WITH BELT LOOP, D-RINGS AND T-STRAP | NTN8040 ess Nomenclature PMLN5792A RMN5104A Nomenclature NTN8039 NTN8380C NTN8382B | 476 APC 742 742 APC 476 476 476 | \$12.00 Price \$99.00 \$179.00 Price \$12.00 \$60.00 \$51.00 |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele Description MISSION CRITICAL WIRELESS ADAPTER Mission Critical Wireless Adapter is not intrinsically safe nor approved for use in Hazardous Locations XTS BLUETOOTH ADAPTER Carrying Case(s) Description 2.5 INCH LEATHER SWIVEL BELT LOOP For use only with the High Activity Leather Swivel Snap Carry Cases. HIGH-ACTIVITY SWIVEL LEATHER CASE LEATHER CASE WITH BELT LOOP, D-RINGS AND T-STRAP LEATHER T-STRAP, PLAIN ACTION SNAP | NTN8040 SS Nomenclature PMLN5792A RMN5104A Nomenclature NTN8039 NTN8380C NTN8382B NTN8383 | 476 APC 742 742 APC 476 476 476 476 | \$12.00 Price \$99.00 \$179.00 Price \$12.00 \$60.00 \$51.00 \$10.50 |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele Description MISSION CRITICAL WIRELESS ADAPTER Mission Critical Wireless Adapter is not intrinsically safe nor approved for use in Hazardous Locations XTS BLUETOOTH ADAPTER Carrying Case(s) Description 2.5 INCH LEATHER SWIVEL BELT LOOP For use only with the High Activity Leather Swivel Snap Carry Cases. HIGH-ACTIVITY SWIVEL LEATHER CASE LEATHER CASE WITH BELT LOOP, D-RINGS AND T-STRAP LEATHER T-STRAP, PLAIN ACTION SNAP LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL STRENGTH AT SNAP | NTN8040 PSS Nomenclature PMLN5792A RMN5104A Nomenclature NTN8039 NTN8380C NTN8382B NTN8382B NTN8383 NTN8384 | 476 APC 742 742 APC 476 476 476 476 476 476 | \$12.00 Price \$99.00 \$179.00 Price \$12.00 \$60.00 \$51.00 \$10.50 \$10.50 |
| 3 INCH LEATHER SWIVEL BELT LOOP Bluetooth, Mission Critical Wirele Description MISSION CRITICAL WIRELESS ADAPTER Mission Critical Wireless Adapter is not intrinsically safe nor approved for use in Hazardous Locations XTS BLUETOOTH ADAPTER Carrying Case(s) Description 2.5 INCH LEATHER SWIVEL BELT LOOP For use only with the High Activity Leather Swivel Snap Carry Cases. HIGH-ACTIVITY SWIVEL LEATHER CASE LEATHER CASE WITH BELT LOOP, D-RINGS AND T-STRAP LEATHER T-STRAP, PLAIN ACTION SNAP LEATHER T-STRAP, HARD ACTION SNAP WITH ADDITIONAL | NTN8040 SS Nomenclature PMLN5792A RMN5104A Nomenclature NTN8039 NTN8380C NTN8382B NTN8383 | 476 APC 742 742 APC 476 476 476 476 | \$12.00 Price \$99.00 \$179.00 Price \$12.00 \$60.00 \$51.00 \$10.50 |

Includes swivel belt loop and t-strap. 2.5" Snap NiCad or NiMH.

| HIGH-ACTIVITY SWIVEL LEATHER CASE | NTN8386 | 476 | \$60.00 |
|--|--|---|---|
| Includes swivel belt loop and t-strap. 3.0" Snap NiCad or NiMH. LEATHER CARRY CASE WITH BELT LOOP, D-RINGS AND T-STRAP | NTN8387 | 476 | \$51.00 |
| Includes snap belt loop/t-strap. For NiCad or NiMH HIGH-ACTIVITY NYLON CASE WITH BELT LOOP AND T-STRAP | NTN8725 | 476 | \$51.00 |
| LEATHER CASE WITH BELT LOOP. FOR CLAMSHELL BATTERY | NTN9184 | 476 | \$67.00 |
| ACCESSORY KIT, FIREMAN'S RADIO STRAP | RLN6486A | 271 | \$37.00 |
| ACCESSORY KIT, FIREMAN'S RADIO STRAP, XL | RLN6487A | 271 | \$40.00 |
| ACCESSORY KIT, ANTI-SWAY STRAP | RLN6488A | 271 | \$15.00 |
| Charger | | | |
| Description | Nomenclature | APC | Price |
| CHARGER, 110 VOLT, US PLUG | NTN1667 | 476 | \$100.00 |
| VEHICULAR MOUNTING BRACKET AND HARD WIRE CABLE FOR SINGLE-UNIT | RLN4814 | 785 | \$35.00 |
| For use with single unit Motorola Conditioning Chargers. INCLUDES: mounting hardware and fused hard wire cable. | | | |
| VEHICULAR TRAVEL CHARGER | RLN4884 | 785 | \$95.00 |
| Utilizes the cigarette lighter adapter. INCLUDES: mounting bracket, custom coil cord, and charger. Travel charger is best used and compatible with 2" belt clip. | | | |
| IMPRES CHARGER | WPLN4111AR | 785 | \$165.00 |
| Commport Integrated Microphone/R | eceiver | | |
| Description | Nomenclature | APC | Price |
| COMMPORT WITH PALM PTT | NTN1624 | 115 | \$419.00 |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | | | • • • • • • • |
| COMMPORT WITH PTT ON RADIO ADAPTER CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | NTN1625 | 115 | \$419.00 |
| COMMPORT WITH SNAP-ON SIDE PTT | NTN1736 | 115 | \$429.00 |
| | | | |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. | | | · |
| CommPort Integrated Receiver Ear Microphone is intelligible in high noise levels up to 100dB. Earpieces | | | |
| Earpieces | Nomenclature | APC | Price |
| | Nomenclature AARLN4885 | APC 742 | |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved | AARLN4885 | 742 | Price \$25.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER | | | Price |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio | AARLN4885 BDN6719 | 742 | Price \$25.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that | AARLN4885 BDN6719 | 742 | Price \$25.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe | AARLN4885 BDN6719 | 742 742 | Price \$25.00 \$35.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS- Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. | AARLN4885 BDN6719 | 742 742 | Price \$25.00 \$35.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. 'HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'EX500 & EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. | AARLN4885 BDN6719 BDN6780 | 742 742 742 | Price \$25.00 \$35.00 \$67.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. #HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. #Ex500 & EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) | AARLN4885 BDN6719 BDN6780 | 742 742 742 | Price \$25.00 \$35.00 \$67.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. The second value of the radio adapter is not required. *EX500 & EX600 XLS - Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *TT5 5000 & XTS 2500 requires BDN6676 (3.5mm adapter jack) that staches to the radio. | AARLN4885 BDN6719 BDN6780 | 742 742 742 | Price \$25.00 \$35.00 \$67.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. HT1000 & XTS3000 & Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *TT3000 & XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) *TT3000 & XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. | AARLN4885 BDN6719 BDN6780 | 742 742 742 | Price \$25.00 \$35.00 \$67.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS- Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). *TTS 5000 & XTS 2500 requires BDN6676 (1.5 mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (1.5 mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (3.5 mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (1.5 mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (1.5 mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (1.5 mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (1.5 mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (1.5 mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (1.5 mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (1.5 mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (1.5 mm adapter jack) that attaches to the radio. *XTS 5000 & XTS 2500 requires BDN6676 (1.5 mm adapter jack) that attaches to the r | AARLN4885 BDN6719 BDN6780 BDN6781 | 742 742 742 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. 'HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'Being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. ''EX500 & EX600 XLS- Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT 'MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. 'EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) 'HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'EX500 & STS 2500 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. 'EX500 & EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. ''EX500 & EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. ''EX500 & EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. ''EX500 & EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. ''EX500 & EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to the radio. ''EX500 & EX600 XLS - requires BDN6676 (1.5mm adapter jack) that attaches to | AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A | 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$58.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 & XLS- Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT "MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "H11000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that tatches to the radio. "EX500 & XTS 2500 requires BDN6676 (3.5mm adapter jack) that tatches to the radio. "EX500 & XTS 2500 requires BDN6676 (3.5mm adapter jack) that tatches to the radio. "EX500 & XTS 2500 requires BDN6676 (3.5mm adapter jack) that tatches to the radio. "EX500 & XTS 2500 requires BDN6676 (3.5mm adapter jack) that tatches to the radio. "T1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that tatches to the radio. "XTS of a Standard urethane earloop." "T1500 - requires BDN6676 - Intrinsically Safe (FM)] BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) RECEIVE ONLY EARPIECE W/TRANSLUCENT TUBE EARPLUGS FOAM/ACOUSTIC TUBE BLACK | AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A | 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$58.00 \$32.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *HT1000 and XTS3000 requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT *MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) *HT1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & STS 2500 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. *EX500 & XTS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & STS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & STS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & STS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & STS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & STS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & STS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & STS 2500 requires BDN6676 (1.5mm adapter jack) that attaches to the radio. *EX500 & STS 2500 requires BDN676 - Intrinsically Safe (FM). BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT | AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A RLN6241A | 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$395.00 \$32.00 \$20.00 |
| Earpieces Description RECEIVE-ONLY FOAM EARBUD WITH 3.5MM PLUG - INTRINSICALLY SAFE UL Approved FLEXIBLE EAR RECEIVER Flexible ear loop and speaker which rests external to the ear. REQUIRE BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 and XTS3000 requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "HT1000 & XLS- Requires PMLN4455 - Intrinsically Safe (FM) EARBUD, MINI MICROPHONE AND PTT "MTX8000 & MTX9000 - Requires BDN6676 (3.5mm adapter jack) that attaches to the radio. Assembled with microphone & PTT. *EX500 & EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM). EARBUD, RECEIVE ONLY, BLACK (SINGLE WIRE) "H11000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that attaches to the radio. "EX500 & EX600 XLS - requires BDN6676 (3.5mm adapter jack) that tatches to the radio. "EX500 & XTS 2500 requires BDN6676 (3.5mm adapter jack) that tatches to the radio. "EX500 & XTS 2500 requires BDN6676 (3.5mm adapter jack) that tatches to the radio. "EX500 & XTS 2500 requires BDN6676 (3.5mm adapter jack) that tatches to the radio. "EX500 & XTS 2500 requires BDN6676 (3.5mm adapter jack) that tatches to the radio. "T1000, XTS 3000, requires BDN6676 (3.5mm adapter jack) that tatches to the radio. "XTS of a Standard urethane earloop." "T1500 - requires BDN6676 - Intrinsically Safe (FM)] BONE CONDUCTION EAR MICROPHONE (XTS3000/5000/2500/1500/MT1500/PR1500) RECEIVE ONLY EARPIECE W/TRANSLUCENT TUBE EARPLUGS FOAM/ACOUSTIC TUBE BLACK | AARLN4885 BDN6719 BDN6780 BDN6781 PMLN5464 RLN4941A RLN6230A | 742 | Price \$25.00 \$35.00 \$67.00 \$27.00 \$395.00 \$58.00 \$32.00 |

| Headsets | | | |
|--|------------------------|-------------------|--------------------|
| Description | Nomenclature | APC | Price |
| HEADSET LIGHTWEIGHT | NMN6245 | 785 | \$149.00 |
| Single Muff Lightweight Headset with In-Line PTT Switch (requires BDN6676 audio adapter)- Intrinsically Safe (FM) | | | |
| EX500, EX600 XLS - requires PMLN4455 - Intrinsically Safe (FM) | | | |
| MED WEIGHT HEADSET, OVER-THE-HEAD, W/IN-LINE PTT-NRR=24DB- | NMN6258 | 742 | \$389.00 |
| INTRIN (FM) | | | |
| Medium Weight Headset, Over the Head, with In-Line PTT - Noise Reduction Rating = 24dB MED DUTY HEADSET, BEHIND-THE-HEAD, W/IN-LINE PTT-NRR= 24DB- | NMN6259 | 742 | \$425.00 |
| INTRIN (FM) | INIVINO233 | 142 | ψ+25.00 |
| Medium Weight Headset, Behind the Head, with In-Line PTT - Noise Reduction Rating = 24dB | | | |
| HEAVY DUTY HEADSET PMLN5278B | PMLN5278B | 742 | \$439.00 |
| HEAVY-DUTY HEADSET | RLN6477A | 742 | \$335.00 |
| MT Series Neckband Headset with Nexus connector. Requires PTT Adapter PMLN6095. Noise Reduction Rating: 24 dB | | | |
| TEMPLE TRANSDUCER W/BOOM MIC & PTT-RECEIVE AUDIO THROUGH THE TEMPLES | RMN4049 | 742 | \$225.00 |
| Temple transducer-receive audio without covering the ear; behind the head style headset allows user to receive audio through the temples. Headset features a noise cancelling boom microphone and in- line PTT. | | | |
| Microphones | | | |
| Description | Nomenclature | APC | Price |
| GPS R2 SMART/NON-SUBM RSM FM | HMN4112A | 372 | \$350.00 |
| GPS R2.0 RSM, 3.5mm audio jack | | • - | + |
| XTS2500 compatibility requires B tanapa version hardware and radio host R10.00.00 or later XTS5000 compatibility requires radio host cost R06.01.00 or later. | | | |
| FM compliant | | | |
| GPS R2 SMART/SUBM RSM FM | HMN4113A | 372 | \$350.00 |
| GPS R2.0 RSM, Submersible XTS2500 compatibility requires B tanapa version hardware and radio host R10.00.00 or later | | | |
| XTS5000 compatibility requires radio host cost R06.01.00 or later. | | | |
| | PMMN4038A | 372 | \$88.50 |
| REMOTE SPEAKER MICROPHONE, IP57 REMOTE SPEAKER MIC, NC | PMMN4036A PMMN4045B | 372 | \$88.50 \$97.00 |
| REMOTE SPEAKER MIC, RX-JACK | PMMN4043B PMMN4051B | 372 | \$89.00 |
| THROAT MICROPHONE | RLN6478A | 742 | \$270.00 |
| COMMANDERII REMOTE SPEAKER MICROPHONE W/OUT CHANNEL | RMN5066B | 372 | \$215.00 |
| KNOB, SUBMERSIBLE | | 012 | φ210.00 |
| COMMANDERII REMOTE SPEAKER MICROPHONE W/OUT CHANNEL | RMN5067B | 372 | \$150.00 |
| KNOB, EARJACK | | | · |
| COMMANDERII REMOTE SPEAKER MICROPHONE W/ CHANNEL KNOB, | RMN5088B | 372 | \$215.00 |
| SUBMERSIBLE | | | |
| COMMANDERII REMOTE SPEAKER MICROPHONE W/ CHANNEL KNOB, EARJACK | RMN5089B | 372 | \$150.00 |
| Multi Unit Chargers | | | |
| - | Nomenclature | APC | Price |
| Description IMPRES MULTI UNIT CHARGER - 110V US PLUG NON-DISPLAY | WPLN4108 R | APC 785 | \$788.00 |

Public Safety Microphone(s)

| Description | Nomenclature | APC | Price |
|---|--------------|-----|----------|
| PUBLIC SAFETY MICROPHONE, STRAIGHT CABLE 30 IN | NMN6247 | 476 | \$155.00 |
| PSM does not have emergency switch. For XTS 5000 UHF R1 use only approved antennas NAE6543 and NAE6549. | 7 | | |
| PUBLIC SAFETY MICROPHONE, STRAIGHT CABLE 24 IN | NMN6250 | 476 | \$155.00 |
| PSM does not have emergency switch. For XTS 5000 UHF R1 use only approved antennas NAE6543 and NAE6549. | 7 | | |
| PUBLIC SAFETY MICROPHONE, STRAIGHT CABLE 18 IN | NMN6251 | 476 | \$155.00 |

| PSM does not have emergency switch. For XTS 5000 UHF R1 use only approved antennas NAE654' and NAE6549. RF ANTENNA SWITCH The RF Switch has been removed from the XTS radio to provide cost savings on the model. Therefore, the external RF switch must be attached to the radio in order for the PSM to operate. A wrench tool must be used to place the RF switch. These kits must be ordered separately. REQUIRES ANTENNA. The RF switch and mics are FM approved. | 7 NTN8327 | 476 | \$140.00 |
|--|--------------|-----|----------|
| | | | |
| Surveillance Description | Nomenclature | APC | Price |
| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BEIGE (SINGLE WIRE) 1-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | BDN6664 | 742 | \$40.00 |
| EARPIECE RECEIVE ONLY WITH EXTRA LOUD EARPHONE - BEIGE (SINGLE WIRE) | BDN6665 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | |
| EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BEIGE (SINGLE WIRE) | BDN6666 | 742 | \$53.00 |
| 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | |
| EARPIECE WITH MICROPHONE & PTT COMBINED - BEIGE (2 WIRE) 2-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded. | BDN6667 | 742 | \$114.00 |
| *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. EARPIECE WITH MICROPHONE & PTT SEPARATE - BEIGE (3 WIRE) | BDN6668 | 742 | \$135.00 |
| 3-Wire Receive-Only Surveillance Kit with Earpiece, Beige, 3.5mm Threaded *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BEIGE (2 WIRE) | BDN6669 | 742 | \$118.00 |
| 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BEIGE (3 WIRE) | BDN6670 | 742 | \$150.00 |
| 3-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Beige, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000, XTS 2500, XTS 3000, & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE RECEIVE ONLY WITH STANDARD EARPHONE - BLACK (SINGLE WIRE) | BDN6726 | 742 | \$40.00 |
| 1-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with | 1 | | |

| 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. | | | |
|---|---------|-----|----------|
| *PR1500 requires BDN6676 adapter. FM Approved | | | |
| RECEIVE ONLY EARPIECE WITH EXTRA LOUD EARPHONE - BLACK (SINGLE WIRE) | BDN6727 | 742 | \$42.00 |
| 1-Wire Receive-Only Surveillance Kit with Extra-Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved | | | |
| EARPIECE RECEIVE ONLY WITH VOLUME CONTROL - BLACK (SINGLE | BDN6728 | 742 | \$53.00 |
| WIRE) | | | |
| 1-Wire Receive-Only Surveillance Kit with Volume Control and Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 3000 requires BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *XTS 2500 & XTS 5000 requires new adapter. FM Approved. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE WITH MICROPHONE & PTT COMBINED - BLACK (2 WIRE) | BDN6729 | 742 | \$114.00 |
| 2-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *XTS 2500, XTS 3000 & XTS 5000 require BDN6676 adapter. If being used with Remote Speaker Microphone with 3.5mm audio jack, audio adapter is not required. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 require BDN6676 adapter. FM Approved. | | | |
| EARPIECE WITH MICROPHONE & PTT SEPARATE - BLACK (3 WIRE) | BDN6730 | 742 | \$135.00 |
| 3-Wire Receive-Only Surveillance Kit with Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. *EX500 & EX600 XLS requires PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | •••••• |
| EARPIECE, MIC & PTT COMBINED W/EXTRA LOUD EARPIECE - BLACK | BDN6731 | 742 | \$118.00 |
| (2 WIRE) | | | |
| 2-Wire Receive-Only Surveillance Kit with Extra- Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. *HT1000 & XTS 3000 require BDN6676 adapter. *XTS 2500 & XTS 5000 require new adaptor. FM Approved. | | | |
| *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
| EARPIECE W/MIC & PTT SEPARATE W/XTRA LOUD EARPIECE - BLACK (3 WIRE) | BDN6732 | 742 | \$150.00 |
| 3-Wire Receive-Only Surveillance Kit with Extra- | | | |
| Loud Earpiece, Black, 3.5mm Threaded. *APX series require BDN6783 adapter. FM Approved with APX6000/6000XE and APX7000/7000XE. | | | |
| *HT1000 & XTS 3000 require BDN6676 adapter. *EX500 & EX600 XLS require PMLN4455 adapter. FM Approved. *PR1500 requires BDN6676 adapter. FM Approved. | | | |
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Data Compiled 16-Feb-2015 using DUP and all prices in USD

Motorola APX Transportable Station



Note:

- Compatible with APX 7500/6500/4500 Mid-Power Mobiles (ordered separately)
- Compatible with O2, O3, O5, and O7 Control Heads (ordered separately)
- Compatible with 7.5 watt detachable speaker (HSN4038A ordered separately)
- Compatible with magnetic low profile antenna (*PAN6003A ordered separately*)
- Supports Dual Band Operation

Ship Card

General Information

The APXTM Transportable Station is a highly versatile, lightweight, rugged, rapid deployment product. It can be deployed as a temporary base station (law enforcement command posts, military deployment, surveillance operations, emergency response teams, fire fighting support). It can also be installed in vehicles when mobile installation without permanent installation is a requirement (rental car) or when mobile covert communication is desired.

The unit is packaged in a lightweight, horizontal, black powder coated, lockable aluminum suitcase. This product provides customers with the versatility of a "Jump and Run" communications package and the

flexibility of a semi-fixed or transportable RF station.

It utilizes a standard mid-power APX 7500/6500/4500 mobile, O2/O3/O5/O7 control head, mobile antenna and a mobile speaker (**all ordered separately**). Two RF ports are available to support dual band. Audio ports are also available for headset, headphone and record operation. Record operation is only supported on the O3 CH configuration.

The APX Transportable Station operates with 110/220VAC or 12VDC power input. The suitcase is equipped with a "mouse-hole" exit for cable routing outside the case, allowing for covert closed case operation.

NOTE: For the O2 CH configuration the speaker cable between the transceiver and the control head must be detached during installation.

Features

APX Transportable Station Features

| Carbide Black Powder Coated Aluminum Case 7" tall x 13" deep x 21"wide Combination Locking Case AC Power Supply Auto Switching 85- 250VAC (49-61 Hz) AC Power Cable (110VAC) Included 12VDC Vehicle Accessory Power Cable Included | Closed Case Covert Operation Accessory Storage Pouch Optional 13' O3 Microphone extension cable(APX7500/6500 mobiles only) |
|--|--|
|--|--|

Control Panel Includes

| AC and DC Power Receptacles Type "UHF" Female SO 239 Antenna Connectors Mobile Radio Mount Speaker Receptacle | Headset Jack (6-pin Hirose) Headphone Jack (1/4" Audio Jack) Tape Recorder Jack with Plug (Mini-XLR 5 pin) Microphone Clip |
|--|---|
|--|---|

This case also has a mouse hole exit for cable routing outside the case, allowing for closed case operation.

P2096 Overview and Compatibility

Models

| Description | Nomenclature | APC | Price |
|---|--------------|-----|------------|
| RADIOS SALES MODEL, APX TRANSPORTABLE STATION | P2096 | 570 | \$3,200.00 |

Options

| Description | Nomenclature | APC | Price |
|--------------------------------|--------------|-----|---------|
| ADD: O3 CORD EXTENSION 17 FEET | H143 | 570 | \$50.00 |
| (APX7500/6500 mobiles only) | | | |

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