

VISAR

Audio Accessories

REMOTE SPEAKER MICROPHONE

NMN6196A* Remote Speaker Microphone

The remote speaker microphone is a water-resistant compact unit that allows the user to talk and listen without removing the radio from the belt, case or charger; it has a coiled cord, push-to-talk switch and clothing clip on the back cover.



RLN4295A



RLN4294A

RSM ACCESSORIES

EPAULET STRAP

RLN4294A Epaulet Strap, Velcro

RLN4295A Epaulet Strap with clip

Black leather epaulet straps secure remote speaker microphones to epaulet of shirts or jackets and attach around cord to back of microphone.

MICJACKETS

RLN4903A MicJacket, compatible with NMN6196 remote speaker microphone

MicJackets provide speaker microphone users with a way to further protect the "head" of their microphone from dust, dirt, metal particles, sweat, body oils and other on-the-job grime; MicJackets also allow the user to handle or interact with the speaker microphone in a more hygienic way

*Intrinsically safe

American Communication Systems

Discover the Power of Communications™

TO ORDER—VISIT <http://www.ameradio.com>





BDN6667A

SURVEILLANCE ACCESSORIES

RECEIVE ONLY EARPIECE (1-WIRE)

- BDN6664A** Beige
- BDN6665A*†* Beige
- BDN6726A** Black
- BDN6727A*†* Black

RECEIVE ONLY EARPIECE WITH VOLUME CONTROL (1-WIRE)

- BDN6666A** Beige
- BDN6728A** Black



BDN6668A

EARPIECE WITH MICROPHONE AND PUSH-TO-TALK COMBINED (2-WIRE)

- BDN6667A** Beige
- BDN6669A*†* Beige
- BDN6729A** Black
- BDN6731A*†* Black

EARPIECE WITH MICROPHONE AND PUSH-TO-TALK SEPARATE (3-WIRE)

- BDN6668A** Beige
- BDN6670A*†* Beige
- BDN6730A** Black
- BDN6732A*†* Black

Surveillance accessories allow the user to privately receive communications with the earpiece and are ideal when environments require discreet communications. The above 3.5 mm threaded surveillance accessories plug directly into the top of the radio. No additional adapter is required.

SURVEILLANCE KIT REPLACEMENT ACCESSORIES

- 5080371E73* Standard Rubber Eartips, pack of 25, Beige
- 5080371E75* Standard Rubber Eartips, pack of 25, Black

NOISE KITS

- NTN8370A** Extreme Noise Kit, includes 2 Foam Earplugs for loud environments; provides 24dB of noise reduction
- NTN8371A** Low Noise Kit, includes Rubber Eartip for low noise environments; does not provide hearing protection
- 5080384F72** Replacement Foam Plugs; for use with NTN8370A (pack of 50)
- 5080371E73** Replacement Standard Beige Rubber Eartips; for use with NTN8371A (pack of 25)
- 5080371E75** Replacement Standard Black Rubber Eartips; for use with NTN8371A (pack of 25)

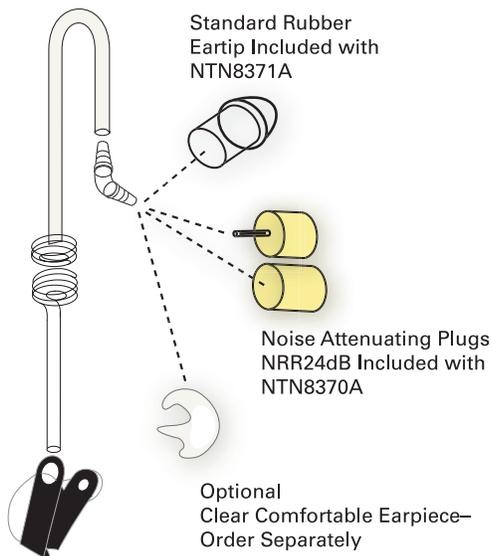
This lightweight translucent tube attaches to Motorola Surveillance Kits to provide additional flexibility and comfort. Clothing clip prevents the accessory from being pulled from the ear due to body movement or head rotation.



NTN8370A



NTN8371A



Acoustic Tube with Earphone

CLEAR COMFORTABLE EARPIECES

- RLN4760A** Small Custom Earpiece, Right Ear
- RLN4763A** Small Custom Earpiece, Left Ear
- RLN4761A** Medium Custom Earpiece, Right Ear
- RLN4764A** Medium Custom Earpiece, Left Ear
- RLN4762A** Large Custom Earpiece, Right Ear
- RLN4765A** Large Custom Earpiece, Left Ear

The Clear Comfortable Earpiece forms to the inside of the ear and is perfect for low noise environments. Compatible with the NTN8371A, clear acoustic tube assembly, and surveillance kits (1, 2, 3 wire). The earpiece is made of easy-to-clean chemically inert, hypo-allergenic material. The following 3 items are required for this product:

- Clear Comfortable Earpiece
- Clear Acoustic Tube Assembly (NTN8371A)
- Surveillance Kit

COMPLETELY DISCREET EARPIECE

RLN4922A Completely Discreet Earpiece Kit; includes Wireless Earpiece, Inductive Neckloop, 6 Spare Batteries and 5 Spare Ear Wax Guards

RLN4919A Ear Wax Guards, pack of 5

RNN4005A 1.4V Battery, pack of 6

Remain discreetly in touch with this miniaturized receiver. All messages received through the user's two-way radio are inductively relayed to the wireless earpiece in the user's ear. Inductive neckloop is easily hidden under the user's clothing for covert operations. Neckloop attaches to the user's Motorola Surveillance Kit providing completely discreet two-way communications. Security operatives, public safety officials, and private investigators can communicate with ease without any visible equipment. Small as it is, it offers a full range of audio functions including automatic squelch, automatic gain control and noise filtering. Must be used in conjunction with a Motorola Surveillance Kit. Just remove the earpiece on any standard 2 or 3-wire surveillance kit and plug in the neckloop for completely discreet communication.



RLN4922A



BDN6719A

FLEXIBLE EAR RECEIVER

BDN6719A Flexible Ear Receiver

7580372E11 Replacement Foam Ear Cushion

The Flexible Ear Receiver contains a flexible earloop and speaker which rests external to the ear. Receive only.

PELLET STYLE EARPIECES

BDN6780A Earbud with Microphone and PTT

BDN6781A Receive Only Earbud, Black

7580372E70 Replacement Foam Cushion for Pellet Earpieces

The pellet style earpiece allows the user to receive communication discreetly and is comfortable for extended wear.



BDN6780A

VISAR

Audio Accessories

EAR MICROPHONE SYSTEM (EMS)

- BDN6768A** Ear Microphone, for standard noise levels up to 95dB, Black
- BDN6769A** Ear Microphone, for standard noise levels up to 95dB, Beige
- BDN6770A** Ear Microphone, for high noise levels up to 105dB, Grey

INTERFACE MODULES

- BDN6771A** Push-To-Talk Only Interface Module
- BDN6779A** Voice Activated and Push-To-Talk Interface Module

This compact unit picks up the voice through bone vibrations in the ear canal. The miniature earpiece leaves the hands free and face unobscured when worn by rescue and hazard protection personnel, who still retain the ability for direct hearing and speaking. For personnel required to wear breathing apparatus, communications with protective masks are as clear as communications without. And its high speech clarity under noisy environments makes it ideal for high noise environments. Available in PTT or Voice Activated (VOX). Interface module required.



BDN6768A
Shown With
Interface Module

OPTIONAL ACCESSORIES FOR EAR MICROPHONE SYSTEM

- 0180358B38*** Push-To-Talk Ring Switch
- 0180300E83*** Push-To-Talk Body Switch
- 0180300E25** Earguard with Adjustable Loop; secures ear mic in ear
- 0180358B32** Earholder, Black, size Small; secures ear mic in ear
- 0180358B33** Earholder, Black, size Medium; secures ear mic in ear
- 0180358B34** Earholder, Black, size Large; secures ear mic in ear
- 0180358B35** Earholder, Clear, size Small; secures ear mic in ear
- 0180358B36** Earholder, Clear, size Medium; secures ear mic in ear
- 0180358B37** Earholder, Clear, size Large; secures ear mic in ear
- 4202006A01** Replacement Back Cover Clip
- 4280369E44** Replaceable Belt Clip with Screws
- 4285838B01** Replacement Collar Clip
- 5080358B28** Eartips, Black, size Medium (pack of 10)
- 5080358B29** Eartips, Black, size Large (pack of 10)
- 5080358B30** Eartips, Beige, size Medium (pack of 10)
- 5080358B31** Eartips, Beige, size Large (pack of 10)



0180300E83



0180358B33



0180300E25

*Intrinsically safe

American Communication Systems
Discover the Power of Communications™

TO ORDER—VISIT <http://www.ameradio.com>





NMN6246B

LIGHTWEIGHT HEADSETS

*NMN6245A** Single Speaker Lightweight Headset with Boom Microphone and In-Line Push-To-Talk Switch

NMN6246B Ultralite Headset with Boom Microphone and In-Line Push-To-Talk Switch, earbud-style receiver

REX4648A Replacement Foam Earpad and windscreen Kit for NMN6245A

Lightweight headsets allow for high-clarity, hands-free, discreet two-way communications while adding comfort necessary for extended wear in moderate-noise environments. No adapter required.

** Intrinsicly safe*



NMN6260A



NMN6261A

MEDIUM WEIGHT HEADSETS

NMN6260A Medium Weight, Over-the-Head Dual-Muff Headset with In-line PTT Switch; headset provides 24dB of noise reduction

NMN6261A Medium Weight, Behind-the-Head Dual Muff Headset with In-line PTT Switch; headset provides 24dB of noise reduction; can be worn with hardhat

Medium weight headsets offer high-clarity sound with the additional hearing protection necessary for providing consistent, clear two-way radio communications in harsh, noisy situations.

MEDIUM WEIGHT RECEIVE-ONLY HEADSETS

RMN4056B Receive Only Headband Style Headset; noise reduction rating=24dB

RMN4057B Receive Only Hardhat Mount Headset; noise reduction rating=22dB (hardhat not included)

Receive only headsets are the right choice for high noise environments where users must hear information clearly, but seldom need to transmit. Dual-muff headsets feature easily replaceable earseals filled with liquid and foam combination to provide excellent sealing and comfort. Two foot coil cord with 3.5mm threaded plug included.



RMN4056B

* *Intrinsically safe*

American Communication Systems
Discover the Power of Communications™

TO ORDER – VISIT <http://www.ameradio.com>





BDN6636B



BDN6635B



BDN6645A

HEAVY DUTY HEADSETS

BDN6645A* Push-To-Talk Headset with Boom Microphone; requires adapter cable BDN6772A

BDN6635B* Voice-Activated Headset with Boom Microphone; requires adapter cable BDN6772A

BDN6636B* Voice-Activated Headset with Throat Microphone; requires adapter cable BDN6772A

BDN6772A* Radio Adapter Cable

Heavy duty headsets include noise-cancelling microphones and can be worn with or without a hardhat. The Push-to-Talk switch is located on the earcup. The VOX module is contained within the headset on voice activated units. Heavy duty headsets require radio adapter cable.

**Intrinsically safe*

MISCELLANEOUS ACCESSORIES

- RLN4943A** Universal Holder with Gooseneck Bracket; provides flexible mounting solutions for portable radios
- RLN4945A** Universal Holder with Gooseneck Bracket and Wheelchair Quick Release Assembly
- RLN4944A** Wheelchair Quick Release Bracket



RLN4943A



NDN4010A

TDN9657B



TDN9659C

CARRYING CASES

CARRYING CASES FOR MEDIUM CAPACITY BATTERIES

- NDN4010A** Hard Leather DTMF Carry Case with 2.5" Swivel Belt Loop
- NDN4011A** Hard Leather Carry Case with 2.5" Swivel Belt Loop
- TDN9659C** Soft Leather Carry Case with Belt Loop and Wrist Strap
- TDN9657B** Nylon Carry Case with Belt Loop

Full coverage carrying cases provide a convenient way to carry your radio while protecting it from the environment. There are cases that are designed to fit all VISAR radios and battery configurations. You may select from nylon or leather construction and a variety of other accessories.



NTN7633A

CARRY HOLDERS

- NTN7632A** Plastic Carry Holder with 1-1/2" Belt Clip, fits all VISAR radios and battery configurations
- NTN7633A** Plastic Carry Holder with 2-1/2" Belt Clip, fits all VISAR radios and battery configurations

CARRYING ACCESSORIES

- TDN9675B** Soft Leather Wrist Strap
- 4200865599** Black Leather Belt, 1.75"
- NTN5243A** Adjustable Black Shoulder Carrying Strap, attaches to "D" rings on case

CARRYING CASES FOR HIGH AND ULTRA HIGH CAPACITY BATTERIES

- NDN4012A** Hard Leather DTMF Carry Case with 2.5" Swivel Belt Loop
- NDN4013A** Hard Leather Carry Case with 2.5" Swivel Belt Loop
- TDN9660C** Soft Leather Carry Case with Belt Loop and Wrist Strap
- TDN9658B** Nylon Carry Case with Belt Loop



NDN4013A



TDN9684A

SWIVELLER CARRYING SYSTEM

- TDN9684A** Swiveller Kit, includes nylon belt, holster, utility strap, and clip button
- TDN9687A** Nylon Belt, 2" wide
- TDN9688A** Holster, compatible with all buttons
- TDN9689A** Utility Strap
- TDN9690A** Clip Button, mounts on carry holder

The swiveller secures your radio by locking into a belt mounted holster bracket. The swiveller keeps your radio secure while allowing it to swivel 360 degrees. The swiveller carrying system is available as a kit which consists of the nylon belt, holster, utility strap and button configuration or sold separately.

VISAR

Carrying Accessories

CHEST PACKS

HLN6602A Universal Chest Pack with Radio Holder, Pen Holder and Velcro Secured Pouch

1505596Z02 Replacement Strap for HLN6602A

BREAK-A-WAY CHEST PACK

RLN4570A All of the same features as the original chest pack (HLN6602A) plus break-a-way tabs that allow the entire pack to be pulled off with approximately 10 lbs. of pressure; perfect for railroads, manufacturing locations, construction sites and anywhere safety is a concern



HLN6602A



RLN4815A

RadioPAK™

RLN4815A RadioPAK™ Radio/Utility Case

4280384F89 Universal RadioPAK™ Belt Lengthener; fits waists larger than 40"

It's different from all other holders or cases: more comfortable, more useful and more stylish. Worn around the waist, it holds two-way, iDEN portables or cellular phones at hand. Includes a separate 6" x 8" zippered pouch for other on-the-job necessities. Adjustable nylon weave belt; fits both men and women.

PORTABLE RADIO HANGERS

TDN9327A Hanger, fits door panels up to 2.75" wide

TDN9373A Hanger, fits door panels up to 3.25" wide

The portable radio hanger slides over and hangs from the door panel in the vehicle. The radio's belt clip slides onto the portable hanger allowing convenient, easy mounting. Two sizes are available to fit door panels.



TDN9327A

TDN9373A

American Communication Systems

Discover the Power of Communications™

TO ORDER - VISIT <http://www.ameradio.com>





NTN7394CR



NTN7395BR



NTN7398BR

BATTERIES

PREMIUM NICKEL CADMIUM (NiCd)

NTN7395BR 1200 mAh, 7.5V

NTN7398BR 1200 mAh, 7.5V, Intrinsically Safe

PREMIUM NICKEL METAL HYDRIDE (NiMH)

NTN7394CR 1300 mAh, 7.5V

NTN7396BR 600 mAh, 7.5V

NTN7397CR 1300 mAh, 7.5V, Intrinsically Safe

Motorola Original Batteries are ruggedly designed for lasting durability and system tested with Motorola two-way radios to ensure optimum performance. We offer various chemistry and capacity alternatives, allowing the user to select the ideal battery for his or her needs. NiCd is best suited for extreme-temperature operation, and provides the maximum number of charge/discharge cycles. Li-ion batteries offer extended duty cycles – providing more talk time per shift.

VEHICULAR BATTERY ELIMINATOR

NDN4003A Vehicular Battery Eliminator

The battery eliminator saves useful battery life by drawing power from a vehicle's battery; simply replace the portable battery with the battery eliminator and plug in the cigarette lighter adapter.



NDN4003A

DUAL UNIT ENHANCED DESKTOP CHARGERS

- NTN1402A** Dual Unit Desktop Charger, Rapid Charge, 120V, with three step charging cycle
- NTN1403A** Dual Unit Desktop Charger, Rapid Charge, 220V, with three step charging cycle
- NTN1404A** Dual Unit Desktop Charger, Rapid Charge, 240V, with three step charging cycle

The dual unit charger is designed to sequentially charge two batteries and can charge each battery in one to three hours. The charger will ship with a power cord. The charger is designed to operate with the use of interchangeable plug-in line cords. Additional line cords may be purchased separately.



NTN1402A



3060665A04

CHARGER LINE CORDS

- 3060665A04** Interchangeable Line Cord, 120V
- 3060665A05** Interchangeable Line Cord, 220V, 2-prong Euro plug
- 3002120F02** Interchangeable Line Cord, 240V, with 3-prong U.K. plug

The following charger line cords can be used on the dual unit rapid rate charger to provide versatility for worldwide charging capability.

SIX-POCKET CHARGER

- NTN7621D** Six-Pocket Charger, Rapid Rate, 120V
- NTN7622D** Six-Pocket Charger, Rapid Rate, 220V, 2-prong Euro plug
- NTN7623D** Six-Pocket Charger, Rapid Rate, 240V, 3-prong U.K. plug



NTN7621D

MOTOROLA CONDITIONING CHARGER (MCC)

- WPLN4100CR** MCC Kit, 110V AC; includes both base charger unit and 7V adapter plate
- WPLN4101BR** MCC Kit, 220V AC; includes both base charger unit and 7V adapter plate
- WPPN4002BR** 110V AC Base Charge Unit Only (order adapter plate separately)
- WPPN4006AR** 220V AC Base Charge Unit Only (order adapter plate separately)
- WPPN4065BR** Multi-Unit Conditioning Charger, Four-Station Base, 110V (order adapter plates separately)
- WPPN4003CR** Adapter Only, 7V
- 3080384G15** Cigarette Lighter Adapter Cord
- RLN4814A** Vehicular Mounting Bracket and hard wire cable for single unit Motorola Conditioning Charger
- 3080384M21** DC Hard Wire Cable, for vehicular installation (included in RLN4814A)

The MCC utilize negative pulse charging technology that will help extend battery life and enhance battery operation. It will safely condition and charge your specified NiCd and NiMH batteries in approximately one to two hours. The MCC controls heat buildup due to its charging and termination algorithms and maintenance mode allows batteries to be safely left on the charger for extended periods of time. And now there is an Instant Fault Detection (IFD) feature which detects faulty radio batteries in seconds, which notifies the user that the battery will not operate at peak performance. Optional accessories are available allowing these chargers to be used in both AC and DC environments providing optimal charging flexibility.



WPPN4002BR
Shown With Optional Cigarette
Lighter Adapter



WPPN4065BR
Shown with
adapter plates



WPLN4124AR

BATTERY OPTIMIZING SYSTEM II (BOS II)

WPLN4124AR BOS II, Four-Station, 110-240VAC (US line cord)

WPLN4125AR BOS II, Four-Station, 110-240VAC (UK/Euro line cords)

No other battery analyzer matches the speed, accuracy, versatility of the Battery Optimizing System II. Ideal for large fleet, public safety, and all other users who rely on their battery performance. Now with increased power, more sophisticated programming options, and easier to use navigation paths, optimizing your batteries was never easier. Key features include:

- Support for NiCd, NiMH, Li-ion and SLA batteries
- 100 watt power supply and programmable from 100 mA to 4 Amps per station
- Interchangeable adapters accommodate all major batteries
- Includes a variety of user programs and allows for customizable programming
- Proprietary recondition cycle restores NiCd, & NiMH batteries
- Increased processing power and testing resolution-including a three minute Quicktest that measures the batteries State of Health (SoH)
- Printer output for reports and labels
- Three year warranty

ADAPTER

RL-73183 Standard Adapter, VISAR



WPLN4079BR

BATTERY MAINTENANCE SYSTEM^{PLUS} (BMS^{PLUS})

WPLN4079BR Six-Station, 110V AC, 50/60 Hz

WPLN4080BR Six-Station, 230V AC, 50/60 Hz

WPPN4085AR BMS Plus field Upgrade Kit for WPLN4079AR and WPLN4080AR

NDN4005B Three-Station, 110V AC 50/60 Hz (does not support Li-ion or 3-cell batteries)

NDN4006B Three-Station, 230V AC 50/60 Hz (does not support Li-ion or 3-cell batteries)

Using interchangeable battery adapters (sold separately), the BMS^{Plus} is capable of charging and discharging, analyzing, conditioning and cycle testing batteries. It supports NiCd, NiMH and Li-ion battery chemistries and tracks battery voltage and capacity (mAh). The BMS Plus offers a 3-year warranty. Its easy-to-use design supports hundreds of 2-way, cellular, and camcorder batteries. Includes serial printer* port (RS-232).

The BMS^{Plus} offers a 3-year warranty. Its easy-to-use design supports hundreds of 2-way, cellular, and camcorder batteries with printer port* (Serial-RS-232C port—uses female 9-pin to male 25-pin cable).

**Compatible with the STAR Micronics SP200 series printers (and other printers with STAR emulation) available from any STAR Micronics distributor.*

BMS^{PLUS} ADAPTERS

TDN9717A Battery Adapter, NiCd only

CDN6141A Battery Adapter, NiCd and NiMH

ANTENNAS

HELICAL ANTENNAS

- 8505834W01 Helical, 136-150.8 MHz, 5"
- 8505834W02 Helical, 150.8-178 MHz, 5"
- 8505834W03 Helical, 162-178 MHz, 5"
- 8505644V04 Helical, 403-435 MHz, 3"
- 8505644V05 Helical, 435-470 MHz, 3"
- 8505644V06 Helical, 470-520 MHz, 3"

Helical antennas are sturdy and dependable for years of failsafe communication. Each antenna is designed and built to quality standards. The skirt at the base of the connector helps to seal out damaging elements. Connector is made of plated brass material for long life.



8505834W01

8505834W02

8505644V04

FLEXIBLE WHIP ANTENNAS

- 8505241U05 Flexible Whip, 403-520 MHz, 6"
- 8505241U03 Flexible Whip, 806-870 MHz, 7"

Flexible whip antennas have a one-piece finish and steel core for optimal radiation characteristics.



8505241U05

8505241U06

STUBBY ANTENNAS

- 8505241U06 Stubby, 806-941MHz, is a 4" broad band antenna that operates in the 800/900MHz band

This stubby quarterwave antenna is ideal when radio is worn on the belt because the short antenna is non-obtrusive.

FULL BAND OPERATION

VISAR features "Full Band VHF" operation. A single model can operate from 136 to 178 MHz. With only two models, the entire UHF range (403-520 MHz) will be covered.

You can operate radios from one geographic region to another.

VHF

5 to 1 WATT; 136-178MHz

UHF

4 to 1 WATT; 403-520 MHz

16-Channel Standard Model with Display

16-Channel Keypad Model with Display

FEATURES:

- Rotary On/Off Volume Control
- Electronic Up/Down Channel Controls
- 2-Digit Numeric Display/Scan Annunciator
- 3x4 Keypad Model with Backlighting
- Front Mounted Bi-Color LED Indicator
- Two Programmable Side Mounted Buttons.
3.5 mm Audio Jack
- Channel Scan Monitoring
- Full Band Operation
- Enhanced Audio
- Weather Sealed Universal Connector
- Noise Cancelling Microphone
- Time-Out Timer
- Low Battery Alert
- Smart PTT
- Adjustable Power
- Meets US MIL STD 810
C, D, and E Environmental Specifications





MOTOROLA

VISAR Series

Portable Accessories

CHARGERS

Compact Charger

Single unit compact charger includes a compact stand-alone charger and a combination line cord/transformer/adaptor.

NTN8014A Compact Overnight Charger, 120V

Dual Unit Enhanced Desktop Chargers

The dual unit charger is designed to sequentially charge two batteries and can charge each battery in one to three hours. The charger will ship with a power cord. The charger is designed to operate with the use of interchangeable plug-in line cords. Additional line cords may be purchased separately.



NTN1308A

NTN1308A Enhanced Desktop Charger, Rapid Charge, 120V

NTN1309A Enhanced Desktop Charger, Rapid Charge, 220V, 2-prong Euro plug

NTN1310A Enhanced Desktop Charger, Rapid Charge, 240V, 3-prong U.K. plug

NTN1402A Dual Unit Desktop Charger, Rapid Charge, 120V, with three step charging cycle

NTN1403A Dual Unit Desktop Charger, Rapid Charge, 220V, with three step charging cycle

NTN1404A Dual Unit Desktop Charger, Rapid Charge, 240V, with three step charging cycle

Six Pocket Charger

NTN7621C Six Pocket Charger, Rapid Rate, 120V

Charger Line Cords

The following charger line cords can be used on the dual unit rapid rate charger to provide versatility for worldwide charging capability.

3060665A04 120V Interchangeable Line Cord

3060665A05 220V Interchangeable Line Cord with 2-prong Euro plug

3002120F02 240V Interchangeable Line Cord with 3-prong U.K. plug



3060665A04

CHARGERS

Vehicular Charger

Vehicular charger consists of a mounting bracket, cigarette lighter adapter, secure mounting strap and charging unit. This unit is lightweight and capable of charging nickel-cadmium and nickel-metal hydride batteries for the VISAR radio. Charging time for ultra-high capacity battery is approximately 2 hours.

NDN4001A Vehicular Charger

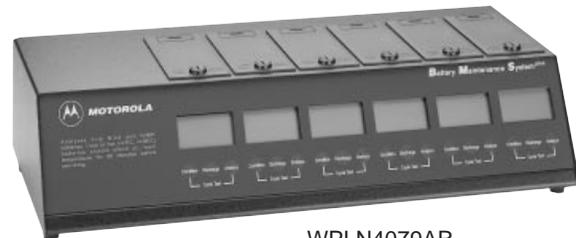
BATTERY MAINTENANCE SYSTEM^{PLUS} (BMS Plus)

Using interchangeable battery adapters (sold separately), the BMS Plus is capable of charging and discharging, analyzing, conditioning and cycle test on batteries; tracking battery voltage and capacity (mAh).

The BMS Plus offers a 3 year warranty. Its easy-to-use design supports hundreds of 2-way, cellular, and camcorder batteries with printer port* (Serial-RS-232C port – uses female 9-pin to male 25-pin cable).

WPLN4079AR Six Station, 110V AC, 50/60 Hz

WPLN4080AR Six Station, 230V AC, 50/60 Hz



WPLN4079AR

Adapters

TDN9717A NiCD Battery Adapter, VISAR

CDN6141A NiMH Battery Adapter, VISAR



MOTOROLA

VISAR Series

Portable Accessories

BATTERY OPTIMIZING SYSTEM (BOS)

The Battery Optimizing System accommodates NiCD, NiMH, Li-Ion, and SLA. Four independent stations for simultaneous service of 4 batteries. Reads battery capacity in percentage of nominal rating; verifies voltage; measures battery temperature and displays battery impedance in milliohms. (Adapter sold separately).



WPLN4071AR

WPLN4071AR 4 Station, 110V AC, 50/60 Hz

WPLN4073AR 4 Station, 230V AC, 50/60 Hz

Adapter

RL-73183 Standard Adapter, VISAR

MOTOROLA CONDITIONING CHARGER (MCC)

The MCC will help extend battery life and enhance battery operation. It will safely condition and charge your specified Nickel Cadmium (NiCD) and Nickel Metal Hydride (NiMH) batteries in approximately an hour.

WPPN4002AR 110V AC Base Charge Unit only

WPPN4006AR 220V AC Base Charge Unit only

WPPN4003AR 7 Volt Adapter only

WPLN4100AR MCC Kit, 110V AC; includes both base unit and 7V adapter

WPLN4101AR MCC Kit, 220V AC; includes both base unit and 7V adapter

3080384G15 Cigarette Lighter Adapter Cord

MCC Multi-Unit Conditioning Charger

WPPN4065AR Four-station Base, 110V. (Order adapter plates separately)

CARRYING ACCESSORIES

Carrying Cases

Full coverage carrying cases provide a convenient way to carry your radio while protecting it from the environment. There are cases designed to fit all VISAR radios and battery configurations. You may select from nylon or leather construction and a variety of other accessories.



TDN9657A

TDN9657A Nylon Carry Case with Belt Loop for Medium Capacity Batteries

TDN9658A Nylon Carry Case with Belt Loop for High and Ultra-High Capacity Batteries

TDN9659B Soft Leather Carry Case with Belt Loop and Wrist Strap for Medium Capacity Batteries



TDN9659B

TDN9660B Soft Leather Carry Case with Belt Loop and Wrist Strap for High and Ultra-High Capacity Batteries

TDN9675B Soft Leather Wrist Strap Replacement for TDN9659B and TDN9660B



NDN4010A

NDN4010A Hard Leather DTMF Carry Case with 2 1/2" Swivel Belt Loop for Medium Capacity Batteries

NDN4011A Hard Leather Carry Case with 2 1/2" Swivel Belt Loop for Medium Capacity Batteries

NDN4012A Hard Leather DTMF Carry Case with 2 1/2" Swivel Belt Loop for High and Ultra-High Capacity Batteries

NDN4013A Hard Leather Carry Case with 2 1/2" Swivel Belt Loop for High and Ultra-High Capacity Batteries



NDN4013A

4205638V04 Belt Clip, 2 1/2"

4200865599 Belt, Black Leather, 3"

4282608H03 Shoulder Carrying Strap allows easy carrying of radio when not wearing a belt

American Communication Systems

Discover the Power of Communications™

TO ORDER - VISIT <http://www.ameradio.com>



MOTOROLA

VISAR Series

Portable Accessories

CARRYING ACCESSORIES

Epaulet Strap

Black leather epaulet strap secures remote speaker microphone to epaulet straps on shirt or jacket and accommodates back clip in leather cut-outs. Snap closure secures remote speaker microphone cord to allow reliable communications in hostile environments.

RLN4294A Epaulet Strap, Velcro

RLN4295A Epaulet Strap, Small Clip

Carry Holders

NTN7632A Plastic Carry Holder with 1½" Belt Clip, fits all VISAR radios and battery configurations

NTN7633A Plastic Carry Holder with 2½" Belt Clip, fits all VISAR radios and battery configurations



NTN7633A

Swiveller Carrying System

The Swiveller secures your radio by locking into a belt mounted holster bracket. The Swiveller keeps your radio secure while allowing it to swivel 360 degrees. The Swiveller Carrying System is available as a kit which consists of the nylon belt, holster, utility strap, and button configuration or sold separately.

TDN9684A Swiveller Kit, includes Nylon Belt, Holster, Utility Strap, and Clip Button

TDN9687A Nylon Belt, 2" wide

TDN9688A Holster, compatible with all buttons

TDN9689A Utility Strap

TDN9690A Clip Button, mounts on carry holder



TDN9684A

CARRYING ACCESSORIES

Chest Pack

HLN6602A Universal Chest Pack with Radio Holder, Pen Holder, and Velcro Secured Pouch

1505596Z02 Replacement Strap for HLN6602A



HLN6602A

RadioPAK™

RLN4815A Universal RadioPAK™ with Radio Holder. Worn around waist with adjustable belt. Includes attached 6" by 8" zippered pouch for other job necessities

4280384F89 Universal RadioPAK™ belt lengthener; fits waists larger than 40"

VEHICULAR ACCESSORIES

Portable Radio Hanger

The portable radio hanger slides over and hangs from the door panel in a vehicle. The radio's belt clip slides onto the portable hanger allowing convenient, easy mounting.

TDN9327A Hanger, fits door panels up to 2¾" wide

TDN9373A Hanger, fits door panels 2¾" to 3¼" wide



TDN9327A

Vehicular Battery Eliminator

The battery eliminator saves useful battery life by drawing power from a vehicle's battery. Simply replace the portable battery with the battery eliminator and plug into the cigarette lighter adapter.

NDN4003A Vehicular Battery Eliminator

Vehicular Radio Holder

The vehicular radio holder consists of two pieces, a cradle and a pedestal mount. The cradle secures the radio and allows for one hand insertion and removal. The pedestal mount raises the cradle, keeping the radio easily accessible at all times.

NTN8149A Vehicular Radio Holder



MOTOROLA

VISAR Series

Portable Accessories

AUDIO ACCESSORIES

Remote Speaker/Microphone



NMN6196A

NMN6196A Remote Speaker Microphone, includes speaker, microphone, push-to-talk switch, removable swivel clip, and 4' coiled cord

Surveillance Accessories

The following 3.5 mm threaded surveillance accessories plug directly into the top of the radio. No additional adapter is required.



BDN6664A

BDN6664A Earpiece with Standard Earphone, beige

BDN6726A Earpiece with Standard Earphone, black

BDN6665A Earpiece with Extra Loud Earphone, exceeds OSHA limits, beige

BDN6727A Earpiece with Extra Loud Earphone, exceeds OSHA limits, black

BDN6666A Earpiece with Volume Control, beige

BDN6728A Earpiece with Volume Control, black



BDN6666A

AUDIO ACCESSORIES



BDN6667A

BDN6667A Earpiece, mic and Push-to-Talk (PTT) combined, beige

BDN6729A Earpiece, mic and PTT combined, black



BDN6668A

BDN6668A Earpiece, mic and PTT separate, beige

BDN6730A Earpiece, mic and PTT separate, black

BDN6669A Earpiece, mic and PTT combined with extra loud earphone, exceeds OSHA limits, beige

BDN6731A Earpiece, mic and PTT combined with extra loud earphone, exceeds OSHA limits, black

BDN6670A Earpiece, mic and PTT separate with extra loud earphone, exceeds OSHA limits, beige

BDN6732A Earpiece, mic and PTT separate with extra loud earphone, exceeds OSHA limits, black

American Communication Systems

Discover the Power of Communications™

TO ORDER - VISIT <http://www.ameradio.com>



MOTOROLA

VISAR Series

Portable Accessories

AUDIO ACCESSORIES

Noise Kits

Lightweight translucent tube attaches to Motorola surveillance accessories. Clothing clip prevents the accessory from being pulled from the ear due to body movement or head rotation.

NTN8370A Extreme Noise Kit, includes 2 foam earplugs for loud environments

NTN8371A Low Noise Kit, includes rubber eartip for low noise environments

5080384F72 Replacement Foam Plugs.
Pack of 50 (for use with NTN8370A)

Earpiece

The clear comfortable earpiece forms to the inside of your ear and is perfect for low noise environments. Compatible with the NTN8371A, clear acoustic tube assembly, and most surveillance kits (1, 2 and 3 wire). This earpiece is made of easy-to-clean chemically inert, hypoallergenic material.

There are 3 items needed to make this product work:

1. Clear Comfortable Earpiece
2. Clear Acoustic Tube Assembly (NTN8371A)
3. Surveillance Kits

RLN4760A Small Custom Earpiece, right ear

RLN4763A Small Custom Earpiece, left, ear

RLN4761A Medium Custom Earpiece, right ear

RLN4764A Medium Custom Earpiece, left ear

RLN4762A Large Custom Earpiece, right ear

RLN4765A Large Custom Earpiece, left ear

AUDIO ACCESSORIES

Pellet Style Earpieces

BDN6780A Single Earbud with Mic and PTT

BDN6781A Single Earbud, receive only, black



Flexible Ear Receiver

The Flexible Ear Receiver is ideal for situations where ambient noise can distract radio communications. It has an adjustable rubberized earloop that can be worn on either ear for maximum comfort. The earloop is replaceable. The durable cable with strain relief provides enhanced sound quality and reception. No additional adapter is required.

BDN6719A Flexible Ear Receiver, black with foam ear cushion



MOTOROLA

VISAR Series

Portable Accessories

AUDIO ACCESSORIES

Replacement Accessories

5080369E38 Standard Earpiece Assembly, includes earphone, earloop and eartip, beige



5080369E39

5080370E90 Standard Earpiece Assembly includes earphone, earloop and eartip, black

5080369E39 Extra Loud Earpiece Assembly, includes earphone, earloop and eartip, beige

5080370E91 Extra Loud Earpiece Assembly, includes earphone, earloop and eartip, black



5080370E92

5080369E40 Plastic Urethane Earloop, beige

5080370E92 Plastic Urethane Earloop, black

5080369E41 Wire Earloop

5080371E69 Small Rubber Eartip, beige

5080371E93 Small Rubber Eartip, black

5080371E73 Standard Rubber Eartip, beige

5080371E75 Standard Rubber Eartip, black



5080370E41

AUDIO ACCESSORIES

Ear Microphone System

The ear microphone system is a two-way communications device designed to pick up voice sound through bone vibrations in the ear canal. A complete system consists of an ear microphone and a radio interface module.

BDN6768A Standard Ear Microphone, for noise levels up to 95 dB, black



BDN6768A

BDN6769A Standard Ear Microphone, for noise levels up to 95 dB, beige

BDN6770A High Noise Level Ear Microphone, for noise levels up to 105 dB, gray

BDN6771A* Radio Interface Module, Push-to-Talk Only

BDN6779A* Radio Interface Module, Voice Activated Transmit and Push-To-Talk



BDN6779A

American Communication Systems

Discover the Power of Communications™

TO ORDER—VISIT <http://www.ameradio.com>



MOTOROLA

VISAR Series

Portable Accessories

AUDIO ACCESSORIES

Optional Accessories

0180358B38* Remote Push-To-Talk Ring Switch



0180358B38

0180300E25 Earguard with Adjustable Loop; secures ear mic in ear



0180358B33

0180358B32 Earholder, Black, Size Small; secures ear mic in ear

0180358B33 Earholder, Black, Size Medium; secures ear mic in ear

0180358B34 Earholder, Black, Size Large; secures ear mic in ear

0180358B35 Earholder, Clear, Size Small; secures ear mic in ear

0180358B36 Earholder, Clear, Size Medium; secures ear mic in ear

0180358B37 Earholder, Clear, Size Large; secures ear mic in ear

4280369E44 Replaceable Belt Clip with Screws

5080358B28 Eartips, Black, Size Medium (10 per Pack)

5080358B29 Eartips, Black, Size Large (10 per Pack)

5080358B30 Eartips, Beige, Size Medium (10 per Pack)

5080358B31 Eartips, Beige, Size Large (10 per Pack)

AUDIO ACCESSORIES

Heavyduty Headsets

Heavyduty headsets include noise-cancelling microphones and can be worn with or without a hardhat. Headsets are for use in noise levels up to 125 dB. The Push-To-Talk switch is located on the earcup. The Vox module is contained within the headset on voice activated units. Heavyduty headsets require radio adapter cable.

BDN6645A Push-To-Talk Headset with Boom Microphone; Requires Adapter Cable BDN6772A



BDN6645A



BDN6635B

BDN6635B Voice-Activated Headset with Boom Microphone; Requires Adapter Cable BDN6772A

BDN6636B Voice-Activated Headset with Throat Microphone; Requires Adapter Cable BDN6772A



BDN6636B

BDN6772A Radio Adapter Cable



MOTOROLA

VISAR Series

Accessories, Antennas

AUDIO ACCESSORIES

Lightweight Headsets

Lightweight Headsets have in-line push-to-talk switch. No adapter required.

NMN6245A Single Speaker Lightweight Headset with In-Line Push-To-Talk Switch.

Replacements Parts:

5080574E02 Foam Ear Pads, 10 per package

NMN6246A Ultralite Headset with Boom Microphone and In-Line Push-To-Talk Switch.

Replacement Parts:

5080550E02 Foam Ear Pads, 10 per package

5080550E03 Removable Ear Rest, 2 per package

5080550E04 Windscreens, 5 per package

Medium Weight Headsets

NMN6260A Medium Weight, Over-the-Head Dual Muff Headset with inline PTT switch. Headset provides 24 dB of noise reduction.

NMN6261A Medium Weight, Behind-the-Head Dual Muff Headset with inline PTT switch. Headset provides 24 dB of noise reduction; can be worn with hardhat.

REPLACEMENT KITS

REX4399A VISAR DTMF Cosmetic Replacement Kit, includes DTMF Front Cover, Volume Knob, Dust Cap, 12-Key Keypad, Frequency Keypad, and PTT Keypad



REX4399A

REX4400A VISAR Cosmetic Replacement Kit, includes Front Cover, Volume Knob, Dust Cap, Audio Jack Dust Cap, Frequency Keypad, and PTT Keypad

REX4380A VISAR Knob/Seal Replacement Kit, includes Volume Knob, Dust Cap, and Audio Jack Dust Cap

REX4417A VISAR side connector piece part kit, includes housing, clip PCB (printed circuit board) with pogo pins, base plate and base plate seal

ANTENNAS

Helical Antennas

Helical are sturdy and dependable for years of failsafe communication. Each antenna is designed and built to quality standards. The skirt at the base of the connector helps to seal out damaging elements. Connector is made of plated brass material for long life.

8505834W01

Helical, 136-150.8MHz, 6"



8505834W02

8505834W02

Helical, 150.8-162MHz, 5"

8505834W03

Helical, 162-178MHz, 5"

8505644V04

Helical, 403-435MHz, 3"



8505644V04

8505644V05

Helical, 435-470MHz, 3"

8505644V06

Helical, 470-520MHz 3"

Flexible Whip Antenna

Flexible whip antennas have a one-piece finish and steel core for optimal radiation characteristics. Provides more comfort when the radio is worn on the belt.

8505241U05

Flexible Whip, 403-520MHz, 6"



8505241U05

8505241U03

Flexible Whip, 806-870MHz, 7"

Stubby Antenna

This stubby quarterwave antenna is ideal when radio is worn on the belt because the short antenna is non-obtrusive.

8505241U06*

Stubby, 806-941MHz, 4"

American Communication Systems

Discover the Power of Communications™

TO ORDER - VISIT <http://www.ameradio.com>



MOTOROLA

VISAR Series

Batteries, Service Aids

BATTERIES

Nickel Metal Hydride

Part Number: **NTN7394BR**
 Charge: Rapid
 Volts: 7.5V
 Avg. MAH: 1300
 Height: 4"
 FM Rating: NI



NTN7397BR

Part Number: **NTN7396BR**
 Charge: Rapid
 Volts: 7.5V
 Avg. MAH: 600
 Height: 4"
 FM Rating: NI

Part Number: **NTN7397BR**
 Charge: Rapid
 Volts: 7.5V
 Avg. MAH: 1300
 Height: 4"
 FM Rating: IS & NI



NTN7395AR

Nickel-Cadmium

Part Number: **NTN7395AR**
 Charge: Rapid
 Volts: 7.5V
 Avg. MAH: 1200
 Height: 4"
 FM Rating: NI

Part Number: **NTN7398AR**
 Charge: Rapid
 Volts: 7.5V
 Avg. MAH: 1200
 Height: 4"
 FM Rating: IS & NI



NTN7398AR

SERVICE AIDS

Computer Interface Cable

Used to connect computer's serial port to Radio Interface Box.

3080369B71 Computer Interface Cable; RIB to 25 pin D

3080369B72 Computer Interface Cable; RIB to 9 pin D

Radio Interface Box

Links radio programming cable and computer interface together. Provides required voltage shift to enable communications between radio and computer. Requires computer interface cable, radio programming cable and a 9 volt snap type battery (6082728J01) or wall mount power supply; order separately.



RLN4008B

RLN4008B Radio Interface Box

Wall Mounted Power Supply

Used to supply power to Radio Interface Box.

0180357A57 Wall Mounted Power Supply (110 volts)

0180358A56 Wall Mounted Power Supply (220 volts)



0180357A57



MOTOROLA

VISAR Series

Service Aids, Manuals

SERVICE AIDS

Program/Test Cable

Acts as a link between RIB and radio; required to program radio.

3080371E46 Program/Test Cable

Shop Battery Eliminator

RLN4327A Shop Battery Eliminator; connects radio to bench power supply for testing

Housing Eliminator Test Fixture

RLN4326A or both RLN1018A and 0180301E44

Housing Eliminator Test Fixture; provides for troubleshooting of the radio when the housing is removed; use 0180301E44 adapter if the RLN1018A is already available

SMA to BNC Adapter

5880348B33 SMA to BNC Adapter; adapts radio's antenna port to BNC cabling of test equipment



5880348B33

Portable Test Set

RTX4005B Portable Test Set; enables connection to the universal connector

SERVICE AIDS

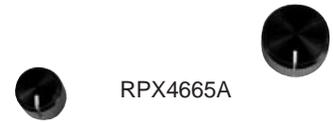
Field Modification Kit

RTX4005B and RPX4665A Field Modification Kit; allows switching for radio testing



Cloning Cable

RKN4043A Cloning Cable; allows a radio to be duplicated from a master radio by transferring programmed data from one radio to another



Programming Software

This software enables you to add or reprogram frequencies as your requirements change. Requires Radio Interface Box and proper cables; order separately.

RVN4123G PRIVACY PLUS Programming Software; includes 3½" diskette, manual, binder, and storage box

RVN4098H Conventional Programming Software; includes 3½" diskette, manual, binder, and storage box

INSTRUCTION MANUALS

- 6881073C75 Service and Theory Manual
- 6881073C70 Operator Manual, Conventional
- 6881076C95 PRIVACY PLUS Operator Manual

American Communication Systems
Discover the Power of Communications™

TO ORDER—VISIT <http://www.ameradio.com>

Remote Speaker Microphone (RSM)

NMN6196A Remote Speaker Microphone, includes speaker, push-to-talk switch, removable swivel clip, and a 4' coiled cord; FM approved



NMN6196A

RSM Accessories

Epaulet Strap

Black leather epaulet straps secure remote speaker microphones to epaulet of shirts or jackets and attach around cord to back of microphone.

RLN4294A Epaulet Strap, Velcro

RLN4295A Epaulet Strap, small clip



RLN4294A

Surveillance Accessories

Surveillance accessories allow the user to privately receive communications with the earpieces and are ideal when environments require discreet communications. The following 3.5 mm threaded surveillance accessories plug directly into the top of the radio. No additional adapter is required.

Earpiece Assembly with Standard Earphone and Urethane Earloop (1 Wire)

- BDN6664A** Beige
- BDN6665A*** Beige
- BDN6726A** Black
- BDN6727A*** Black



1-WIRE



2-WIRE



3-WIRE

Earpiece Assembly (receive only) with Volume Control and Urethane Earloop (1 Wire)

- BDN6666A** Beige
- BDN6728A** Black



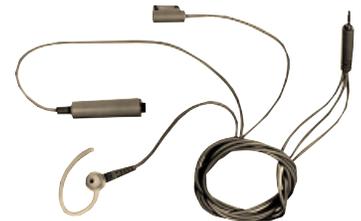
BDN6667A

Earpiece Assembly with Microphone and Push-To-Talk Combined (2 Wire)

- BDN6667A** Beige
- BDN6669A** Beige*
- BDN6729A** Black
- BDN6731A** Black*

Earpiece Assembly with Microphone and Push-To-Talk Separate (3 Wire)

- BDN6668A** Beige
- BDN6670A** Beige*
- BDN6730A** Black
- BDN6732A** Black*



BDN6668A

*Extra Load Earphone (Exceeds OSHA Limits)

Surveillance Kit Replacement Accessories

5080369E38 Standard Earpiece Assembly, includes earphone, earloop and eartip, beige



5080369E38

5080370E90 Standard Earpiece Assembly includes earphone, earloop and eartip, black



5080370E92

5080369E39 Extra Loud Assembly, includes earphone, earloop and eartip, beige

5080370E91 Extra Loud Earpiece Assembly, includes earphone, earloop and eartip, black

5080369E40 Plastic Urethane Earloop, beige

5080370E92 Plastic Urethane Earloop, black

5080369E41 Wire Earloop

5080371E69 Small Rubber Eartip, beige

5080371E71 Small Rubber Eartip, black

5080371E73 Standard Rubber Eartip, beige

5080371E75 Standard Rubber Eartip, black



5080369E41

Audio & Carrying Accessories

Completely Discrete Earpiece

Remain discretely in touch with this miniaturized receiver. All messages received through the user's two-way radio are inductively relayed to the wireless earpiece in the user's ear. Inductive neckloop is easily hidden under the user's clothing for covert operations. Neckloop attaches to the user's Motorola Surveillance Kit providing completely discrete two-way communications. Security operatives, public safety officials, and private investigators can communicate with ease without any visible equipment. Small as it is, it offers a full range of audio functions including automatic squelch, automatic gain control and noise filtering. **Must be used in conjunction with a Motorola Surveillance Kit. Just remove the earpiece on any standard 2 or 3 wire surveillance kit and plug in the neckloop for completely discrete communication.**



- RLN4922A** Completely Discrete Earpiece Kit; includes wireless earpiece, inductive neckloop, 6 spare batteries and 5 spare ear wax guards
- RLN4919A** Ear Wax Guards, 5 per pack
- RNN4005A** 1.4V Battery, 6 per pack

Noise Kits

Lightweight translucent tube attaches to Motorola surveillance accessories. Clothing clip prevents the accessory from being pulled from the ear due to body movement or head rotation.

- NTN8370A** Extreme Noise Kit, includes 2 foam earplugs for loud environments
- NTN8371A** Low Noise Kit, includes rubber eartip for low noise environments
- 5080384F72** Replacement Foam Plugs, pack of 50 (for use with NTN8370A)

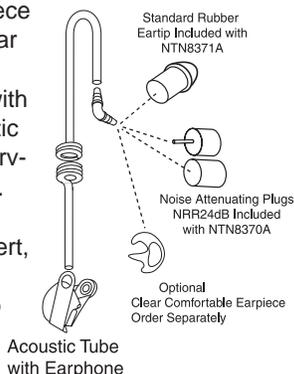


NTN8370A

Clear Comfortable Earpiece

The clear comfortable earpiece forms to the inside of your ear and is perfect for low noise environments. Compatible with the NTN8371A, clear acoustic tube assembly, and most surveillance kits (1,2 and 3 wire). This ear-piece is made of easy-to-clean chemically inert, hypoallergenic material. There are 3 items needed to make this product work:

1. Clear Comfortable Earpiece



2. Clear Acoustic Tube Assembly (NTN8371A)
3. Surveillance Kits

- RLN4760A** Small Custom Earpiece, right ear
- RLN4763A** Small Custom Earpiece, left ear
- RLN4761A** Medium Custom Earpiece, right ear
- RLN4764A** Medium Custom Earpiece, left ear
- RLN4762A** Large Custom Earpiece, right ear
- RLN4765A** Large Custom Earpiece, left ear



RLN4760A

Flexible Ear Receiver

The flexible ear receiver is ideal for situations where ambient noise can distract radio communications. It has an adjustable rubberized earloop than can be worn on either ear for maximum comfort. The earloop is replaceable. The durable cable with strain relief provides enhanced sound quality and reception. No additional adapter is required.



BDN6719A

- BDN6719A** Flexible Ear Receiver, black with foam ear cushion

Pellet Style Earpieces

- BDN6780A** Single Earbud with Mic and PTT
- BDN6781A** Single Earbud, receive only, black



BDN6780A

Ear Microphone System (EMS)

This compact unit picks up the voice through bone vibrations in the ear canal. The miniature earpiece leaves the hands free and face unobscured when worn by rescue and hazard protection personnel, who still retain the ability for direct hearing and speaking. For personnel required to wear breathing apparatus, communications with protective masks are as clear as communications without. And its high speech clarity under noisy environments makes it ideal for high noise environments. Available in PTT or Voice Activated (VOX).

Interface module needs to be ordered separately for EMS to work.

- BDN6768A** Ear Microphone, for standard noise levels up to 95dB, black
- BDN6769A** Ear Microphone, for standard noise levels up to 95dB, beige
- BDN6770A** Ear Microphone, for high noise levels up to 105dB, gray



BDN6768A
Shown With
Interface Module

Interface Modules

- BDN6771A**† Push-to-Talk Only Interface Module
- BDN6779A**† Voice Activated Transmit and Push-to-Talk

American Communication Systems

Discover the Power of Communications™

TO ORDER - VISIT <http://www.ameradio.com>

Optional Accessories (EMS)

- 0180358B38**† Remote Push-to-Talk Ring Switch
- 0180300E25** Earguard with Adjustable Loop; secures ear mic in ear
- 0180358B32** Earholder, black, size small; secures ear mic in ear
- 0180358B33** Earholder, black, size medium; secures ear mic in ear
- 0180358B34** Earholder, black, size large; secures ear mic in ear
- 0180358B35** Earholder, clear, size small; secures ear mic in ear
- 0180358B36** Earholder, clear, size medium; secures ear mic in ear
- 0180358B37** Earholder, clear, size large; secures ear mic in ear
- 4280369E44** Replaceable Belt Clip with Screws
- 5080358B28** Eartips, black, size medium (10 per pack)
- 5080358B29** Eartips, black, size large (10 per pack)
- 5080358B30** Eartips, beige, size medium (10 per pack)
- 5080358B31** Eartips, beige, size large (10 per pack)



0180358B33

†Factory Mutual Approved

Lightweight Headsets

Lightweight headsets allow for high-clarity, hands free, discreet two-way communications while adding comfort necessary for extended wear in moderate-noise environments. No adapter required.



NMN6246A

NMN6245A Single Speaker Lightweight Headset with In-Line Push-To-Talk Switch; FM approved

NMN6246B Ultralite Headset with Boom Microphone and In-Line Push-To-Talk Switch, ear bud style receiver

5080574E02 Foam Ear Pads for NMN6245A, 10 per package for use with NMN6245A



NMN6260A

Medium Weight Headsets

Medium weight headsets offer high-clarity sound with the additional hearing protection necessary for providing consistent, clear two-way radio communications in harsh, noisy situations.

NMN6260A† Medium Weight, Over-the-Head Dual Muff Headset with In-line PTT Switch; headset provides 24dB of noise reduction

NMN6261A† Medium Weight, Behind-the-Head Dual Muff Headset with In-line PTT Switch; headset provides 24 dB of noise reduction; can be worn with hardhat



NMN6261A

Heavy Duty Headsets

Heavy duty headsets include noise-cancelling microphones and can be worn with or without a hardhat. Headsets are for use in noise levels up to 125 dB. The Push-to-Talk switch is located on the earcup. The VOX module is contained within the headset on voice activated units. Heavy duty headsets require radio adapter cable.

BDN6645A† Push-to-Talk Headset with Boom Microphone; requires adapter cable BDN6772A

BDN6635B† Voice-Activated Headset with Boom Microphone; requires adapter cable BDN6772A

BDN6636B† Voice-Activated Headset with Throat Microphone; requires adapter cable BDN6772A

BDN6772A† Radio Adapter Cable

†Factory Mutual Approved



BDN6645A



BDN6636A



BDN6635A

Carrying Cases

Full coverage carrying cases provide a convenient way to carry your radio while protecting it from the environment.

There are cases that are designed to fit all VISAR radios and battery configurations. You may select from nylon or leather construction and a variety of other accessories.

Carrying Cases for Medium Capacity batteries

NDN4010A Hard Leather DTMF Carry Case with 2.5" Swivel Belt Loop

NDN4011A Hard Leather Carry Case with 2.5" Swivel Belt Loop

TDN9659C Soft Leather Carry Case with Belt Loop and Wrist Strap

TDN9657B Nylon Carry Case with Belt Loop



NDN4010A



TDN9659C



TDN9657B

Accessories & Carrying Accessories



NDN4013A

Carrying Cases for High and Ultra High Capacity batteries

- NDN4012A** Hard Leather DTMF Carry Case with 2.5" Swivel Belt Loop
- NDN4013A** Hard Leather Carry Case with 2.5" Swivel Belt Loop
- TDN9660C** Soft Leather Carry Case with Belt Loop and Wrist Strap
- TDN9658B** Nylon Carry Case with Belt Loop

Carry Holders

- NTN7632A** Plastic Carry Holder with 1-1/2" Belt Clip, fits all VISAR radios and battery configurations
- NTN7633A** Plastic Carry Holder with 2-1/2" Belt Clip, fits all VISAR radios and battery configurations



NTN7633A

Carrying Accessories

- TDN9675B** Soft Leather Wrist Strap
- 4200865599** Black Leather Belt, 3"
- 4205638V09** Belt Clip, 2.5"
- NTN5243A** Adjustable Black Shoulder Carrying Strap, attaches to "D" rings on case

Swiveller Carrying System

The swiveller secures your radio by locking into a belt mounted holster bracket. The swiveller keeps your radio secure while allowing it to swivel 360 degrees. The swiveller carrying system is available as a kit which consists of the nylon belt, holster, utility strap, and button configuration or sold separately.

- TDN9684A** Swiveller Kit, includes nylon belt, holster, utility strap, and clip button
- TDN9687A** Nylon Belt, 2" wide
- TDN9688A** Holster, compatible with all buttons
- TDN9689A** Utility Strap
- TDN9690A** Clip Button, mounts on carry holder



TDN9684A

Chest Pack

- HLN6602A** Universal Chest Pack with Radio Holder, Pen Holder, and Velcro Secured Pouch
- 1505596Z02** Replacement Strap for HLN6602A



HLN6602A

Break-A-Way Chest Pack

All of the same features as the original chest pack (HLN6602A) plus break-a-way tabs that allow the entire pack to be pulled off with approximately 10 lbs. of pressure. Perfect for railroads, manufacturing locations, construction sites and anywhere safety is a concern.

- RLN4570A** Break-A-Way Chest Pack

RadioPAK™

- RLN4815A** Universal RadioPAK™ with Radio Holder is worn around waist with adjustable belt (includes attached 6" by 8" zippered pouch for other job necessities)
- 4280384F89** Universal RadioPAK™ Belt Lengthener; fits waists larger than 40"

Portable Radio Hanger

The portable radio hanger slides over and hangs from the door panel in the vehicle. The radio's belt clip slides onto the portable hanger allowing convenient, easy mounting.

- TDN9327A** Hanger, fits door panels up to 2-3/4" wide
- TDN9373A** Hanger, fits door panels 2-3/4" to 3-1/4" wide



TDN9327A



RLN4815A



American Communication Systems
Discover the Power of Communications™

TO ORDER - VISIT <http://www.ameradio.com>

Batteries

Nickel Cadmium

Part Number: **NTN7395BR**
 Capacity: High
 Charge: Rapid
 Average mAh: 1200

Part Number: **NTN7398BR**
 Capacity: High
 Charge: Rapid
 Average mAh: 1200
 FM Rating: IS & NI

Nickel Metal Hydride

Part Number: **NTN7394CR**
 Capacity: Ultra High
 Charge: Rapid
 Average mAh: 1300

Part Number: **NTN7396BR**
 Capacity: Medium
 Charge: Rapid
 Average mAh: 600

Part Number: **NTN7397CR**
 Capacity: Ultra High
 Charge: Rapid
 Average mAh: 1300
 FM Rating: IS & NI

*Factory Mutual rating includes
 Intrinsically Safe and Non-Incendive
 NI=Non-Incendive
 IS=Intrinsically Safe

Vehicular Battery Eliminator

The battery eliminator saves useful battery life by drawing power from a vehicle's battery. Simply replace the portable battery with the battery eliminator and plug in the cigarette lighter adapter.

NDN4003A Vehicle Battery Eliminator



NTN7395BR



NTN7398BR



NTN7397CR

Dual Unit Enhanced Desktop Chargers

The dual unit charger is designed to sequentially charge two batteries and can charge each battery in one to three hours. The charger will ship with a power cord. The charger is designed to operate with the use of interchangeable plug-in line cords. Additional line cords may be purchased separately.

NTN1402A Dual Unit Desktop Charger, Rapid Charge, 120V, with three step charging cycle
NTN1403A Dual Unit Desktop Charger, Rapid Charge, 220V, with three step charging cycle
NTN1404A Dual Unit Desktop Charger, Rapid Charge, 240V, with three step charging cycle

Charger Line Cords

The following charger line cords can be used on the dual unit rapid rate charger to provide versatility for worldwide charging capability.

3060665A04 120V Interchangeable Line Cord
3060665A05 220V Interchangeable Line Cord with 2-prong Euro Plug
3002120F02 240V Interchangeable Line Cord with 3-prong U.K. Plug

Six Pocket Charger

NTN7621C Six Pocket Charger, Rapid Rate, 120V
NTN7622C Six Pocket Charger, Rapid Rate, 220V, 2-prong Euro plug
NTN7623C Six Pocket Charger, Rapid Rate, 240V, 3-prong U.K. plug

Batteries and Chargers

Vehicular Charger

Vehicular Charger consists of a mounting bracket, cigarette lighter adapter, secure mounting strap and charging unit. This unit is lightweight and capable of charging nickel-cadmium and nickel-metal hydride batteries for the VISAR radio. Charging time for ultra-high capacity battery is approximately 2 hours.

NDN4001A Vehicular Charger



NDN4001A

Motorola Conditioning Charger (MCC)

The MCC will help extend battery life and enhance battery operation. It will safely condition and charge your specified Nickel Cadmium (NiCd) and Nickel Metal Hydride (NiMH) batteries in approximately an hour.

WPLN4100AR MCC Kit, 110V AC; includes both base unit and 7V adapter

WPLN4101AR MCC Kit, 220V AC; includes both base unit 7V adapter

WPPN4002AR 110V AC Base Charge Unit Only (order adapter separately)

WPPN4006AR 220V AC Base Charge Unit Only (order adapter separately)

WPPN4065AR Multi-Unit Conditioning Charger, Four Station Base, 110V (order adapter plates separately)

WPPN4003AR Adapter Only, 7V

3080384G15 Cigarette Lighter Adapter Cord



WPPN4002AR

Shown With Optional Cigarette Lighter Adapter



WPPN4065AR

Shown with adapter plates



WPLN4079AR

Battery Maintenance System^{Plus} (BMS^{Plus})

Increase the useful life of our batteries. Using interchangeable battery adapters (sold separately), the BMS^{Plus} is capable of charging and discharging, analyzing, conditioning and cycle test on batteries; tracking battery voltage and capacity (mAh).

The BMS^{Plus} offers a 3 year warranty. Its easy-to-use design supports hundreds of 2-way, cellular, and camcorder batteries with printer port* (Serial-RS-232C port-uses female 9-pin to male 25-pin cable).

WPLN4079AR Six Station, 110V AC, 50/60 Hz

WPLN4080AR Six Station, 230V AC, 50/60 Hz

BMS^{Plus} Adapters

TDN9717A Battery Adapter, NiCd only

CDN6141A Battery Adapter, NiCd and NiMH

*Compatible with the STAR Micronics SP200 series printers, available from any STAR Micronics distributor, and other printers with STAR emulation.battery optimizing system (BOS)

American Communication Systems

Discover the Power of Communications™

TO ORDER - VISIT <http://www.ameradio.com>





Chargers and Antennas

Battery Optimizing System (BOS)

No other battery analyzer matches the speed, accuracy, versatility and ease-of-use of the Battery Optimizing System. Best of all, the Battery Optimizing System helps lower your battery costs, because you will get the maximum performance possible from each battery when it is maintained by the Battery Optimizing System.

- Accommodates NiCd, NiMH, Li-Ion and SLA
- Impedance test-checks battery condition in six seconds
- Proprietary recondition cycle restores NiCd and NiMH batteries
- Printer output for reports and labels, computer interface
- High power-programmable from 100mA to 2 Amp per station
- Interchangeable adapters accommodate all major batteries
- Simple, intuitive user interface with keypad

WPLN4071AR Four Station, 110V AC, 50/60 Hz

WPLN4073AR Four Station, 230V AC, 50/60 Hz

Adapter

RL-73183 Standard Adapter, VISAR



WPLN4071AR

Antennas

Helical Antennas

Helical antennas are sturdy and dependable for years of failsafe communication. Each antenna is designed and built to quality standards. The skirt at the base of the connector helps to seal out damaging elements. Connector is made of plated brass material for long life.

8505834W01 Helical, 136-150.8 MHz, 5"

8505834W02 Helical, 150.8-162 MHz, 5"

8505834W03 Helical, 162-178 MHz, 5"

8505644V04 Helical, 403-435 MHz, 3"

8505644V05 Helical, 435-470 MHz, 3"

8505644V06 Helical, 470-520 MHz, 3"



8505834W01



8505834W02



8505644V04

Flexible Whip Antenna

Flexible whip antennas have a one-piece finish and steel core for optimal radiation characteristics. Provides more comfort when the radio is worn on the belt.

8505241U05 Flexible Whip, 403-520MHz, 6"

8505241U03 Flexible Whip, 806-870MHz, 7"



8505241U05

Stubby Antenna

This stubby quarterwave antenna is ideal when radio is worn on the belt because the short antenna is non-obtrusive.

8505241U06* Stubby, 806-941MHz, 4"

*8505241U06 is a broad band antenna that operates in the 800/900MHz band



8505241U06

Service Manuals

6881073C75 Service Manual

6881073C70 Operating Manual

American Communication Systems

Discover the Power of Communications™

TO ORDER - VISIT <http://www.ameradio.com>