

**FRANKLIN COUNTY PA CENTER FOR
EMERGENCY SERVICES DIGITAL
RADIO SYSTEM**



ASTRO® XTSTM 5000 Model II





MOTOROLA

intelligence everywhere™

ASTRO® XTS™ 5000

Model II

Digital Portable Radio

Interactive End-User Training



Franklin County Police User's

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Welcome



This tutorial has been prepared exclusively for you, keeping in mind your system configuration and radio layout. The explanation for each function is a step-by-step guiding process, specifically designed for easy comprehension and implementation. However, for in-depth system or radio information, you should consult your system administrator. Keep in mind that each radio and each system is customer configurable.



XTS 5000 Model II



Getting Started



Your Radio

	Z1	Z2
C1		
C2		

Fleet Map



Installation and
Removal



Status Symbols



Status Alert
Tones



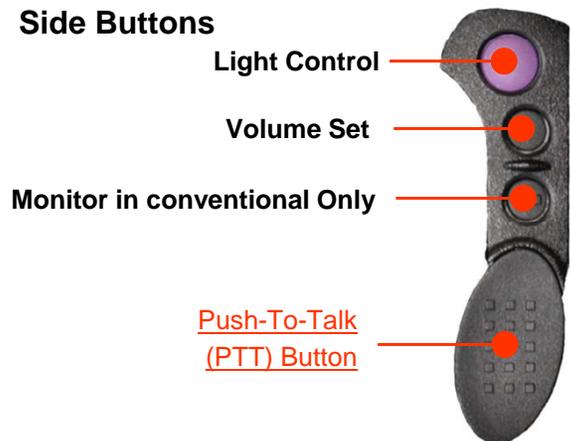
Analog and Digital
Audio Quality



Important Safety
Information



XTS 5000 Portable Radio

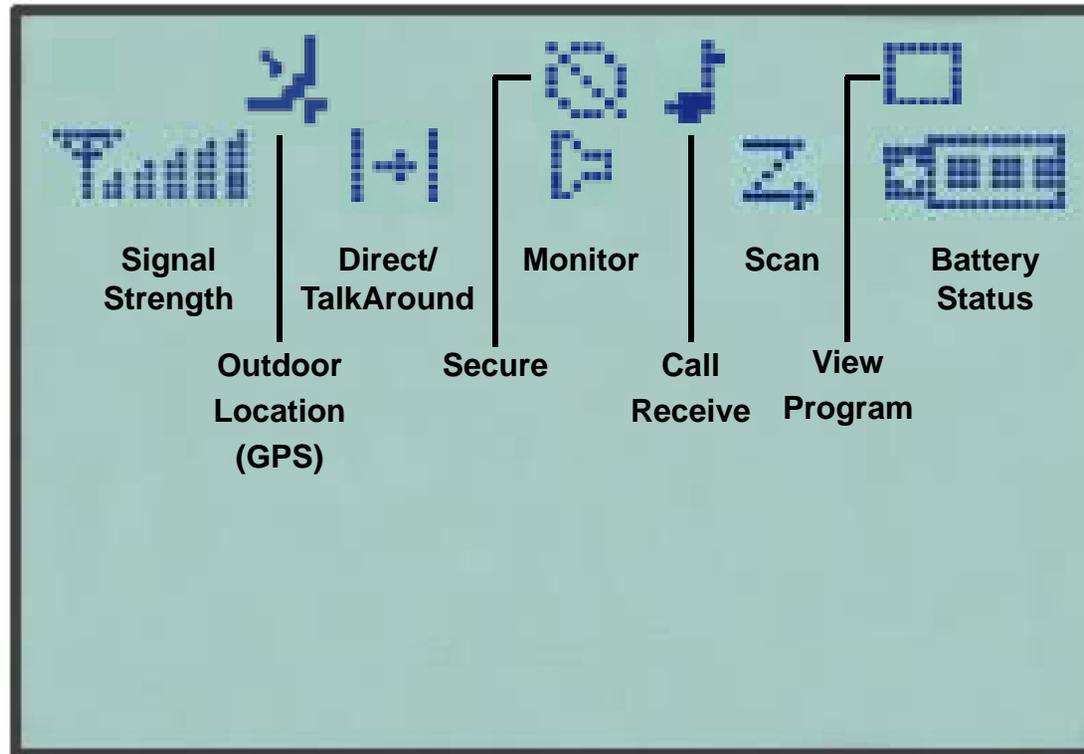


Menu Options

- [Call Alert Page \(Respond\)](#)
- [Call Alert Page \(Send\)](#)
- [Channel/ Mode Select](#)
- [Clock \(Time and Date\)](#)
- [Direct/TalkAround](#)
- [ID Number \(View Your\) Using CALL](#)
- [ID Number \(View Your\) Using PAGE](#)
- [Keypad Tones](#)
- [List View](#)
- [Nuisance Delete \(DEL Menu\)](#)
- [Nuisance Delete \(NUIS Menu\)](#)
- [Outdoor Location \(GPS\)](#)
- [Phone Call \(Place\)](#)
- [Phone Call \(Respond\)](#)
- [Power Select](#)
- [Private Conversation Call \(Place\)](#)
- [Private Conversation Call \(Respond\)](#)
- [Reprogram Request](#)
- [Scan On/Off](#)
- [Scan List Edit \(Menu\)](#)
- [Scan List Edit \(Menu + Top Button\)](#)
- [Scan List Edit \(Menu + Top Side Button\)](#)
- [Scan List Edit \(Menu + Side Button 1\)](#)
- [Scan List Edit \(Menu + Side Button 2\)](#)
- [Site Lock](#)
- [Site View/Search](#)
- [Smart Battery](#)
- [Status/Message Calls](#)
- [Talkgroup Calls](#)
- [Zone Select](#)



Status Symbols – 1 of 2



Continued....



Status Symbols – 2 of 2



Symbol	Indication
	Call Received Flashes when an Individual Call is received.
	View/Program Mode The radio is in the view or program mode. <ul style="list-style-type: none"> On steady = view mode Flashing = program mode
	Received Signal Strength Indication (RSSI) The received signal strength for the current site, for trunking only. The more stripes in the symbol, the stronger the signal.
	Battery <ul style="list-style-type: none"> Conventional = flashes when battery is low Smart = the number of bars (0-3) shown indicates the charge remaining in your battery; flashes when battery is low
	Location Signal <ul style="list-style-type: none"> Off = Location feature disabled, or insufficient battery power in location accessory device; Flashing = Location feature enabled, but no location signal available; On = Location feature enabled, and location signal available

Symbol	Indication
	Talkaround <ul style="list-style-type: none"> On = you are talking directly to another radio, not through a repeater, during conventional operation only Off = you are talking through a repeater
	Monitor (Carrier Squelch) The selected channel is being monitored during conventional operation only.
	Secure Operation <ul style="list-style-type: none"> On = secure operation Off = clear operation Flashing = receiving an encrypted voice call
	Scan The radio is scanning a scan list.
	Priority-One Channel Scan One channel is assigned as the priority channel during scan operation.
	Priority-Two Channel Scan Two channels are assigned as the priority channels during scan operation.



Status Alert Tones



Tone Name		Tone Information
Acknowledge		Receipt of a call sent to the central controller
Button Press		A valid key was pressed on the keypad
Call Alert		- Receipt of a Call Alert page sent to your radio - Confirmation receipt of a page received sent from your radio
Emergency		Emergency alarm was sent from your radio
Failsoft		Radio has lost communication with the central controller
Low Battery		Weak battery indication
No Acknowledge		A call to the central controller was not acknowledged
Out of Range		Radio is out of range of the system
Power-up		Radio has successfully powered on
Private Call I		Receipt of a Private Conversation call sent to your radio
Private Call Enhanced		Receipt of a Private Conversation call sent to your radio
Prohibit		Talkgroup or channel is not accessible
System Busy		Channel, system or target radio is busy
Talk Permit		Channel is ready to use
Time-out Timer		Time-out timer limit has been reached



Status Alert Tones – Fireground



Tone Name		Tone Information
Acknowledge		Receipt of a call sent to the central controller
Button Press		A valid key was pressed on the keypad
Call Alert		- Receipt of a Call Alert page sent to your radio - Confirmation receipt of a page received sent from your radio
Emergency		Emergency alarm was sent from your radio
Evacuation Alert		Receipt of an evacuation alert from the Incident Commander
Failsoft		Radio has lost communication with the central controller
Fireground Fail		Your radio information was not sent to the Command Terminal
Fireground Success		Your radio information was sent to the Command Terminal
Low Battery		Weak battery indication
No Acknowledge		A call to the central controller was not acknowledged
Out of Range		Radio is out of range of the system
Power-up		Radio has successfully powered on
Private Call I		Receipt of a Private Conversation call sent to your radio
Private Call Enhanced		Receipt of a Private Conversation call sent to your radio
Prohibit		Talkgroup or channel is not accessible
System Busy		Channel, system or target radio is busy
Talk Permit		Channel is ready to use
Time-out Timer		Time-out timer limit has been reached



LED Status



RED

- **Solid**
 - PTT is pressed; radio is transmitting
- **Flashing**
 - Channel Busy
 - Low Battery (lights while transmitting)



RED LED

GREEN

- **Solid**
 - Self-test being performed
- **Flashing**
 - Incoming Private Call



GREEN LED



Installation and Removal Procedures



Belt Clip



Battery



Antenna



Universal Connector



RF Adapter



Public Safety
Speaker Microphone

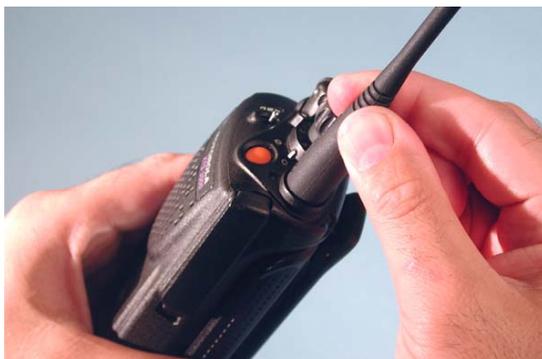


Antenna



To install the antenna:

1. Turn the radio off.
2. Screw the antenna (clockwise) into the antenna receptacle on top of the radio.
3. Tighten the antenna firmly with your fingers.



To remove the antenna:

1. Turn the radio off.
2. Unscrew the antenna (counter-clockwise) and remove it from the antenna receptacle on top of the radio.



Charging the Battery

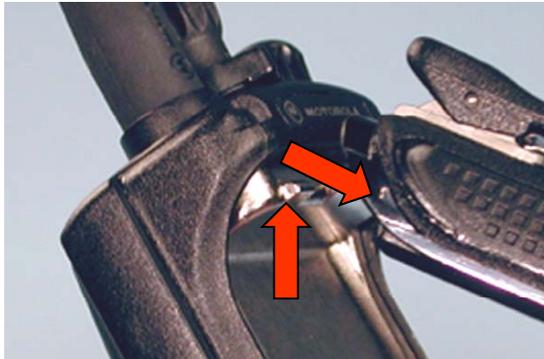


The battery must be charged before use. Memory effect is a phenomenon that causes a loss in battery capacity or voltage due to repetitive shallow discharging or long-term overcharging. This memory effect has been greatly reduced in your batteries through the use of new cell technology. It is still recommended, however, that you discharge your battery as much as possible before recharging it. Recharging after each shift is good standard practice. When charging a battery that is attached to your radio, turn the radio off to ensure a full charge.

Battery procedures continued on next panel.



Battery



To install the battery:

1. Turn the radio off
2. Hold the radio with the back facing upward.
3. Align the three slots at the top of the battery with the three tabs on the back of the radio.
4. Push the battery down toward the radio until the battery clicks into place.



To remove the battery:

1. Turn the radio off.
2. Hold the radio with the back of the radio facing upward.
3. Push the battery release button on the bottom of the radio.
4. Lift the battery away from the radio and remove.



Universal Connector Cover



The universal connector cover protects the side connector near the antenna.

To remove the cover:

1. Turn the radio off.
2. Carefully insert a flat-bladed screwdriver between the bottom of the cover and the connector.
3. Holding the top of the cover with your thumb, push the screwdriver gently downward and lever the cover away from the radio.

To install the cover:

1. Turn the radio off.
2. Insert the hooked end of the cover into the slot above the connector.
3. Rub the ball of your thumb from the top to the bottom of the cover, applying pressure towards the radio. This will flex the cover and snap it into place.



Belt Clip



To install the belt clip:

1. Remove the battery before installing or removing the belt clip.
2. Hold the battery with the back of the battery facing you.
3. Hold the belt clip with the top facing upward, and align the clip with the slots on the battery back.
4. Slide the belt clip downward into the slots until it clicks into place.

To remove the belt clip:

1. Pull away the metal tab at the top of the battery clip from the battery.
2. Slide the clip upward until it comes away from the radio.



Public Safety Speaker/Microphone (PSSM) – 1 of 3



To install the PSSM:

1. Turn the radio off.
2. Follow the instructions for removing the universal connector cover.
3. Attach the accessory connector to the radio's universal connector as follows:
 - a. Make sure the RF adapter has been installed in your radio before continuing with installation.
 - b. Looking at the antenna side of the radio, insert the bottom hooked end of the accessory connector into the slot below the universal connector.
 - c. While holding the accessory connector seated in the bottom slot, pivot the top of the accessory connector toward the radio until its RF interface connector aligns with the circular contact target on the RF adapter, then engage the accessory connector's spring-loaded latch in the radio's top slot.

Continued...



Public Safety Speaker/Microphone (PSSM) – 2 of 3



4. Attach the correct (frequency-sensitive) antenna to the PSSM by screwing the antenna's threaded end into the threaded antenna jack on top of the PSSM's housing.
5. Rotate the antenna clockwise into the jack until it seats firmly.

The public safety speaker/microphone performs best when it is operated with the antenna above the user's shoulder.

To transmit using the public safety speaker/microphone, press the PSSM's PTT and speak into the microphone's grille area. The red light-emitting diode (LED) on top of the radio will light, indicating that the radio is in the transmit mode.

If a more permanent attachment is desired after the accessory connector is latched to the radio, secure the latch to the connector housing using the screw supplied.

[Continued...](#)



Public Safety Speaker/Microphone (PSSM) – 3 of 3

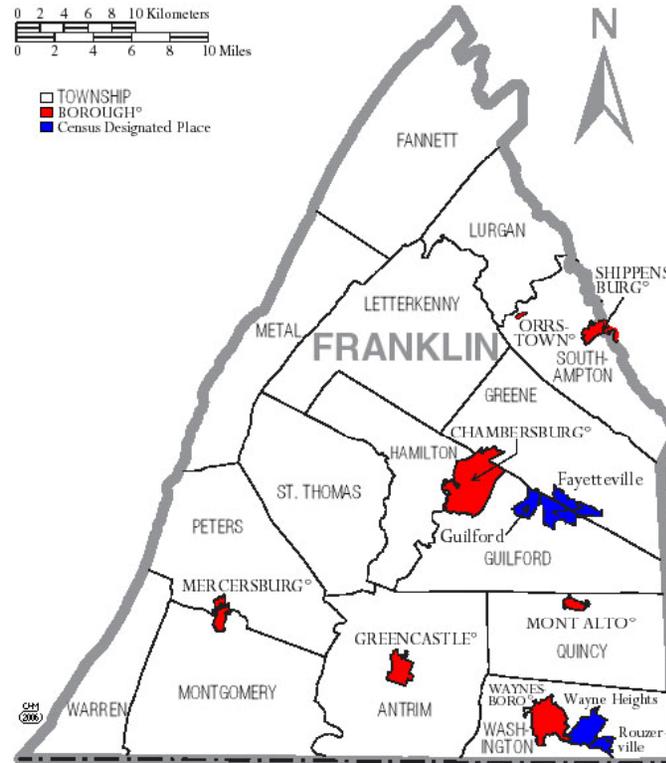


To remove the PSSM:

1. Turn the radio off.
2. Rotate the antenna counter-clockwise to unscrew it from the jack.
3. Remove the accessory connector by pivoting the top of the accessory connector away from the radio until it disengages from the RF adapter.
4. Follow the instructions for attaching the universal connector cover.



GENERAL FEATURES



Radio On/Off/Volume



On/Off/Volume
Knob



To turn the radio on:

Turn the On/Off/Volume Control knob clockwise.

If the power-up test is successful, you briefly see SELF TEST, then the home display. If enabled, a power-up tone is also heard.

If the power-up test is unsuccessful, you see ERROR XX/YY. (XX/YY is an alphanumeric code.)

[Click here to view further explanation of specific codes.](#)

To turn the radio off:

Turn the On/Off/Volume Control knob counter-clockwise until it clicks.



Zone Select (Menu)



To select a zone:

1. Press the right side of the 4-way Navigation button until ZONE appears on the display.
 2. Press the button directly below ZONE.
The zone name flashes on the display.
 3. Press the right side of the 4-way Navigation button to find the zone you want.
If the zone you selected is unprogrammed, repeat step 3.
 4. Press the Home button to confirm the displayed zone and channel.
- OR
- Press the PTT button to transmit on the displayed zone/channel.



Channel/Mode Select (16-Position Select Knob)



To select a channel/mode:

Turn the Channel/Mode Select knob to select the desired channel/mode.

The new name will appear on the display.

If the channel/mode you selected is unprogrammed, repeat the above step.

[Click here to view an explanation of what happens if the trunked system's central controller fails.](#)



Channel/Mode Select (Menu)



To select a channel/mode:

1. Press the right side of the 4-way Navigation button until CHAN appears on the display.
 2. Press the button directly below CHAN.
The channel/talkgroup name flashes on the display.
 3. Press the right side of the 4-way Navigation button to find the channel you want.
If the channel you selected is unprogrammed, repeat step 3.
 4. Press the Home button to confirm the displayed channel/talkgroup.
- OR
- Press the PTT button to transmit on the displayed zone/channel.

[Click here to view an explanation of what happens if the trunked system's central controller fails.](#)



Time-out Timer



Push-to-Talk
(PTT)



LED

The time-out timer turns off your radio's transmitter. The timer is set for 60 seconds at the factory, but it can be programmed from 0 to 7.75 minutes (465 seconds) by a qualified radio technician.

1. Hold down the PTT button longer than the programmed time.

 You will hear a low-pitched warning tone, the transmission will cut off, and the LED will go out until you release the PTT.

2. Release the PTT button.

The LED will re-light and the timer will reset.

3. Press the PTT button to re-transmit. The time-out timer restarts.

The timer will restart and the LED lights red.



Transmit and Receive



To transmit:

1. Select the desired zone/channel.
2. Listen for ongoing conversations; if the channel becomes clear, proceed with your call.
3. Press and hold the PTT button to transmit and wait for the "Talk Permit" tone. The LED will light red. When speaking, keep the microphone 1-2" from your mouth.
Note: If you do not hear a Talk Permit tone, your system administrator has preprogrammed the tone to be off.
4. Release the PTT button to receive (listen).

[Click here for information on Smart PTT which prevents you from talking over someone else's conversation.](#)

[Click here for information on what happens if you go out of range of the system.](#)



3-POSITION TOGGLE SWITCH



Scan On or Off (3-Position Toggle Switch)



Scan
Switch



The scan feature allows you to monitor traffic on different channels by scanning a preprogrammed list of channels. Your radio can have several different scan lists. These lists must be enabled by a qualified radio technician.

To turn scan on:

Toggle the Scan switch to the predetermined position to enable scan.

The scan symbol (Z) will be displayed, indicating scan is active.

To turn scan off:

Toggle the Scan switch to the predetermined position to disable scan.

The scan symbol (Z) will no longer be displayed, indicating scan has been deactivated.



Scan List Edit (3-Position Toggle Switch and Top Button/Select) – 1 of 3



This feature lets you change scan list members and priorities.



Scan List
Programming
Switch



To edit the scan list:

1. Toggle the Scan List Programming switch to the predetermined programming position.

You see the first available item and the view/program (□) symbol flashing, indicating the programming mode.

2. Press the left or right side of the 4-way Navigation button to select the item to be changed.

Continued...



Scan List Edit (3-Position Toggle Switch and Top Button/Select) – 3 of 3



4. Press the left or right side of the 4-way Navigation button to select more items to be added or deleted.

OR

Use the 16-Position Select knob to select additional items to be added or deleted.

Note: The maximum number of members for a trunking priority monitor scan list is 15; for a conventional scan list, 15; and for a talkgroup scan list, 10.

5. Toggle the Scan List Programming switch out of the programming position.



Scan List Edit (3-Position Toggle Switch and Top Side Button/Select) – 1 of 3



This feature lets you change scan list members and priorities.



Scan List
Programming
Switch



To edit the scan list:

1. Toggle the Scan List Programming switch to the predetermined programming position.

You see the first available item and the view/program (□) symbol flashing, indicating the programming mode.

2. Press the left or right side of the 4-way Navigation button to select the item to be changed.

Continued....



Scan List Edit (3-Position Toggle Switch and Top Side Button/Select) – 3 of 3



4. Press the left or right side of the 4-way Navigation button to select more items to be added or deleted.

OR

Use the 16-Position Select knob to select additional items to be added or deleted.

Note: The maximum number of members for a trunking priority monitor scan list is 15; for a conventional scan list, 15; and for a talkgroup scan list, 10.

5. Toggle the Scan List Programming switch out of the programming position.



Scan List Edit (3-Position Toggle Switch and Side Button 1/Select) – 1 of 3



This feature lets you change scan list members and priorities.



Scan List
Programming
Switch



To edit the scan list:

1. Toggle the Scan List Programming switch to the predetermined programming position.

You see the first available item and the view/program (□) symbol flashing, indicating the programming mode.

2. Press the left or right side of the 4-way Navigation button to select the item to be changed.

Continued...



Scan List Edit (3-Position Toggle Switch and Side Button 1/Select) – 3 of 3



4. Press the left or right side of the 4-way Navigation button to select more items to be added or deleted.

OR

Use the 16-Position Select knob to select additional items to be added or deleted.

Note: The maximum number of members for a trunking priority monitor scan list is 15; for a conventional scan list, 15; and for a talkgroup scan list, 10.

5. Toggle the Scan List Programming switch out of the programming position.



Scan List Edit (3-Position Toggle Switch and Side Button 2/Select) – 1 of 3



This feature lets you change scan list members and priorities.



Scan List
Programming
Switch



To edit the scan list:

1. Toggle the Scan List Programming switch to the predetermined programming position.

You see the first available item and the view/program (□) symbol flashing, indicating the programming mode.

2. Press the left or right side of the 4-way Navigation button to select the item to be changed.

Continued...



Scan List Edit (3-Position Toggle Switch and Side Button 2/Select) – 3 of 3



4. Press the left or right side of the 4-way Navigation button to select more items to be added or deleted.

OR

Use the 16-Position Select knob to select additional items to be added or deleted.

Note: The maximum number of members for a trunking priority monitor scan list is 15; for a conventional scan list, 15; and for a talkgroup scan list, 10.

5. Toggle the Scan List Programming switch out of the programming position.



Scan List Edit (3-Position Toggle Switch and Menu) – 1 of 3



Scan List
Programming
Switch



This feature lets you change scan list members and priorities.

To edit the scan list:

1. Toggle the Scan List Programming switch to the predetermined programming position.

You see the first available item and the view/program (□) symbol flashing, indicating the programming mode. You will also see SEL, DEL, and RCL displayed as possible selections.

2. Press the left or right side of the 4-way Navigation button to select the item to be changed.

Continued...



Scan List Edit (3-Position Toggle Switch and Menu) – 2 of 3



3. Press the button directly below SEL or DEL or RCL.
SEL = add the currently displayed item to the scan list.
DEL = delete the currently displayed item from the scan list.
RCL = view the next available item.

OR

When adding a priority member press the button directly below SEL additional times.

You will see Z_1 or Z_2 or Z_3 with a flashing dot.

Z_1 = this item is in the scan list.

Z_2 = this item is in the scan list as a priority-two member.

Z_3 (dot flashing) = this item is in the scan list as the priority-one member.

Note: You cannot delete a priority member.

Continued....



Scan List Edit (3-Position Toggle Switch and Menu) – 3 of 3



4. Press the left or right side of the 4-way Navigation button to select more items to be added or deleted.

OR

Use the 16-Position Select knob to select additional items to be added or deleted.

Note: The maximum number of members for a trunking priority monitor scan list is 15; for a conventional scan list, 15; and for a talkgroup scan list, 10.

5. Toggle the Scan List Programming switch out of the programming position.



2-POSITION CONCENTRIC SWITCH



TOP BUTTON



Emergency – Send (Top Button) – 1 of 5



There are three ways to send an emergency signal from your radio.



Emergency Button
(1 Second Delay)



[Send an emergency alarm.](#)

[Send a silent emergency alarm.](#)

[Send an emergency call.](#)

[Click here for additional information about the Emergency feature.](#)



Emergency – Send Emergency Alarm (Top Button) – 2 of 5



LED

Emergency
Button



To send an emergency alarm:

1. With the radio turned on, press the Emergency button.

The current zone/channel is displayed alternately with EMERGENCY, the LED lights red, and you hear a group of short, medium-pitched tones.

If the selected channel does not support emergency, the display shows NO EMERGENCY. Select a channel that does show EMERGENCY.

Note: To exit emergency at any time, press and hold the Emergency button for about a second.

2. When you receive the dispatcher's acknowledgment, you see ACK RECEIVED, four tones sound, the alarm ends, and the radio exits the emergency mode.

If no acknowledgment is received, you see NO ACKNOWLEDG, the alarm ends, and the radio exits the emergency mode.



SIDE BUTTON 1



Display Light (Side Button 1)



If poor light conditions make the display or channel numbers (around the 16-Position Select knob) difficult to read:

Turn on the radio's backlights by pressing the Light button.

These lights will remain on for a preprogrammed time before they turn off automatically.

OR

You can turn them off immediately by pressing the Light button again.



SIDE BUTTON 2



Volume Set Tone (Side Button 2)



To adjust the volume:

1. Select the desired zone and channel.
2. Press and hold the Volume Set button to hear the volume set tone.
3. Adjust the Volume Control knob if necessary.
4. Release the Volume Set button.



Monitor (Conventional) (Side Button 3)



Your radio may be programmed to receive Private Line (PL) calls.

To enable the monitor feature:

1. Select a conventional channel from the fleet map list provided by your system administrator.

2. Momentarily press the Monitor button to listen for activity. *The monitor/carrier squelch indicator ([]) is displayed.*

3. Press and hold the Monitor button (for a preset amount of time) to set continuous monitor operation.

Note: The duration of the button press has been preprogrammed. Please see your System Administrator.

4. Press the Monitor button again, or the PTT button, to return to the original squelch setting.

Note: If you try to transmit on a receive-only channel, you will hear an invalid tone until you release the PTT button.



MENU



Clock (Time and Date) (Menu) – 1 of 2



Using this special feature, you can program the time and date as you might with other electronic devices. The clock display is enabled by a qualified radio technician.

To edit the time and date:

1. Press the right side of the 4-way Navigation button until CLCK is displayed.
2. Press the button directly below CLCK.
The current setting is displayed.
3. Press the button directly below EDIT.
The first item flashes.

Continued....



Clock (Time and Date) (Menu) – 2 of 2



4. Press the up or down arrow of the 4-way Navigation button to change the selected item.

Note: Press the Home button at any time to return to the home display without saving your changes.

OR

Press the right side of the 4-way Navigation button to move to an item you wish to change.

5. Press the up or down arrow of the 4-way Navigation button to change the selected item.
6. Press the right side of the 4-way Navigation button one or more times to move to an item in the date field.
7. Press the up or down arrow of the 4-way Navigation button to change the selected item.
8. When you have made all of your changes, press the button directly below SAVE to save your changes and return to the home display.

Note: If a call arrives while the radio is in the clock-setting menu, the radio exits clock setting, your changes are lost, and the call information is displayed.



Keypad Tones (Mute or Unmute) (Menu)



Push-to-Talk
(PTT)



To turn the keypad tones on or off:

1. Press the right side of the 4-way Navigation button until MUTE is displayed.
2. Press the button directly below MUTE.
The current state is shown – TONES OFF or TONES ON.
3. Press the button directly below OFF or ON.

Note: Press the Home or the PTT button to exit without changing the setting.

Note: Turning off keypad tones does not affect any other tones.



List View (Menu)



You can use lists to store frequently used numbers and associate them with names. There are four list types: call, page, phone, and scan.

To view a list:

1. Press the right side of the 4-way Navigation button until VIEW is displayed.
2. Press the button directly below VIEW.
3. Press the left or right side of the 4-way Navigation button to view the names of available lists.
4. Press the button directly below the name of the list you wish to view.

You see the first list member and the view/program (□) symbol.

5. Press the left or right side of the 4-way Navigation button to view other list members.
6. Press the Home button to exit.

Note: If you wish to view a scan list and the list has no entries, you see EMPTY LIST.



Nuisance Delete (DEL Menu)



When the radio scans to a channel that you do not wish to hear (nuisance channel), you can temporarily delete the channel from the scan list.

To delete a nuisance channel:

1. Press the right side of the 4-way Navigation button until DEL is displayed.
2. Press the button directly below DEL to temporarily delete the displayed channel from the scan list.
3. If desired, re-enable the channel by exiting and re-entering scan.

Note: Nuisance delete cannot remove a priority channel (Z) or the last channel in the list.



Nuisance Delete (NUIS Menu)



When the radio scans to a channel that you do not wish to hear (nuisance channel), you can temporarily delete the channel from the scan list.

To delete a nuisance channel:

1. Press the right side of the 4-way Navigation button until NUIS is displayed.
2. Press the button directly below NUIS to temporarily delete the displayed channel from the scan list.
3. If desired, re-enable the channel by exiting and re-entering scan.

Note: Nuisance delete cannot remove a priority channel (Z) or the last channel in the list.



Scan List Edit (Menu) – 2 of 3



6. Press the button directly below SEL or DEL or RCL.
SEL = add the currently displayed item to the scan list.
DEL = delete the currently displayed item from the scan list.
RCL = view the next available item.

OR

When adding a priority member press the button directly below SEL additional times.

You will see  or  or  with a flashing dot.

 = this item is in the scan list.

 = this item is in the scan list as a priority-two member.

 (dot flashing) = this item is in the scan list as the priority-one member.

Note: You cannot delete a priority member.

Continued...



Scan List Edit (Menu and Side Button 1/Select) – 1 of 3



This feature lets you change scan list members and priorities.

To edit the scan list:

1. Press the right side of the 4-way Navigation button until PROG is displayed.
2. Press the button directly below PROG
You see the lists that can be changed.
3. Press the right side of the 4-way Navigation button until SCAN is displayed.
4. Press the button directly below SCAN.
You see the first available item and the view/program () symbol flashing, indicating the programming mode.
5. Press the left or right side of the 4-way Navigation button to select the item to be changed.

Continued....



Smart Battery (Menu)



This feature allows you to view the condition of your Smart Battery.

To access information about your battery:

1. Press the right side of the 4-way Navigation button until BATT is displayed.
2. Press the button directly below BATT.
3. Battery data is displayed as follows:

CAPACITY indicates the current charge on the battery.

INIT indicates the date of the initial use of the battery.

EST CHGS indicates the estimated number of charges on the battery.

Note: If a Smart Battery is not powering your radio, the display will read SMART BATT DATA NOT AVAILABLE.



Talkgroup Calls (Conventional) (Menu) – 1 of 2



Talkgroup call lets you define a group of conventional system users so that they can share the use of a conventional channel.

To select a talkgroup:

1. Press the right or left side of the 4-way Navigation button until TGRP is displayed.
2. Press the button directly below TGRP.
You see the last talkgroup that was selected and stored, and SEL and PSET.
3. Press the right or left side of the 4-way Navigation button to find the talkgroup you want.

[Continued...](#)



Talkgroup Calls (Conventional) (Menu) – 2 of 2



4. Press the button directly below SEL or PSET.

SEL (SELECT) — Saves the currently displayed talkgroup and returns to the home display.

PSET (PRESET) — Selects the preset preprogrammed talkgroup.



If the encryption key slaved to the new talkgroup is erased, you see KEY FAIL displayed and hear a momentary key fail tone.

If the encryption key slaved to the new talkgroup is not allowed, you see ILLEGAL KEY and hear a momentary key fail tone.

5. Press the Home or PTT button to exit.



Thank You



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