Radio Keypad Functions

Locking/Unlocking Keypad

Touch the "L" button.

Within 1 second, press the button on the radio.

The selected talk group will be locked with an "Enter" key.

While in "Dwell Display," press repeatedly to scroll through and view status display (on 2nd line) for current call activity, call received, voice group, and channel.

Scrolls through available menu items.

Power-On/Off

Volume Knob

Applies power to the radio and adjusts the volume.

System/Group/Channel Knob

18-position rotary knob for selecting talk groups.

Emergency Button

Pre-programmed to declare an emergency.

PTT Button

The PTT button is pressed to transmit.

Option Buttons

Navigates through available items within a sub-menu.

Scan Model Only

Toggles SCAN function on and off.

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Currently undefined.

ATC Switch

Or AWC Switch

Can be configured for variety of functions. Refer to the operator manual for more information. Note: AWC switch will only work on XG-75 models.

Alert Tones

Call Queued (or Go-Ahead)

1 low tone high-pitched tone - is queued for processing.

Grant

A short beep is sounded when resources become available for a call request placed in the queue if answered upon channel access.

If the radio roams to a second site while transmitting on the second tower and begins retransmitting on the second tower. The radio sounds the second grant tone to let the user know they have roamed.

Alert Tones (Continued)

Call Denied

1 long low-pitched tone - radio is out of coverage area or the requested talk group is active.

Call Removed

1 long low-pitched tone - access to the channel has been lost (out of coverage area or preempted by higher priority call).

Low Battery

Sounds a second grant tone to let the user know they have roamed.

Battery Pack

1. Align the tabs at each side on the back of the battery pack with the slots at the bottom of the battery cavity.
2. Push the top of the battery pack down until it is flush with the bottom of the radio simultaneously.
3. Pull the battery pack away from the radio.
4. Remove the battery pack from the radio.

Scan Modes

No Scan

Receive calls from more than one talk group, if available for a call request placed in the queue (if answered upon channel access, transmitting on the second tower and begins retransmitting on the second tower. The radio sounds the second grant tone to let the user know they have roamed.

Emergency Alert

A ringing tone similar to a telephone - repeated every 4 seconds until the call is accepted or rejected by the radio being called or until the selected site drops the call if unanswered after 1 minute.

Roam

3 short beeps - radio is out of coverage or has been lost (out of coverage area or preempted by higher priority call).

Out-of-Range

A ringing tone similar to a telephone - repeated every 4 seconds until the call is accepted or rejected by the radio being called or until the selected site drops the call if unanswered after 1 minute.

XCOV Connected

Three short high-pitched tones - radio connected to X-TAC, or the selected site is found using the Site Lock Menu.

XCOV Disconnect

Three short high-pitched tones - radio disconnected from X-TAC, or the selected site is not found using the Site Lock Menu.

XCOV Connected or Site Not Found

Single long high-pitched tone followed by a single short high-pitched tone - the man down channel is available for a call request placed in the queue (if answered upon channel access).

XCOV Connected or Site Not Found

Single long high-pitched tone - the man down channel is available for a call request placed in the queue (if answered upon channel access).

Man Down

Single long high-pitched tone - radio is out of coverage area or the requested talk group is active.

Alert Tones (Continued)

Call Removed

1 long low-pitched tone - access to the channel has been lost (out of coverage area or preempted by higher priority call).

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Changing Operating Mode

Method 1:
1. Press the (A), (B), (C), or (D) button to cycle through the menu until "App Mode" is displayed.
2. Press "Menu" button to confirm.
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Method 2:
1. Quick key combination 18 will transition the radio from OTT mode to ECP mode. If ECP software is not loaded in the radio, "No App" appears in the radio display.
2. The All or A/B switch can be configured to change mode.

Changing the Selected Talk Group

Method 1:
1. Press the (A), (B), (C), or (D) button until "ProfileMenu" is displayed.
2. Use (A) or (B) to select a different profile.
3. Press "Menu" to activate the selected profile.

Method 2:
1. Turn the Group Selection knob on top of the radio to select the desired talk group or use the Talk Group selection menu.
2. Press the (A), (B), or (C) button until "ProfileMenu" is displayed.
3. Use (A) or (B) to select a different profile.
4. Press "Menu" to confirm.

Method 3:
1. Press the (A), (B), (C), or (D) button until a new talk group is selected.
2. Depress and hold the PTT button, wait a couple of seconds. If programmed by the administrator, a grant tone will be heard.
3. Begin speaking into the microphone in a normal voice. For maximum clarity, hold the radio approximately two (2) inches from your mouth. Take care not to cover the microphone while speaking.
4. Release the PTT button when finished speaking.

Transmitting a Selective Call

Method 1:
1. Enter *8, the User ID number of the user being called, and the if (no dashes or spaces). (This feature must be enabled by the administrator.)
2. The microphone is hot (open mic) for a programmed amount of time in order to send your voice out on the emergency voice group.
3. Method 2:
   - If the radio being called is in the same region and agency, enter only the last four digits.
   - If the radio being called is in another region or if the area is unknown, use all ten digits.
4. Method 3:
   - If the radio being called is in another region or if the area is unknown, use all ten digits.
   - If the radio being called is in another region, but a different agency, enter the last seven digits.
   - If the radio being called is in another region and a different agency, enter the last seven digits.

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