Within 1 second, press the Option button

1. Press the Locking/Unlocking Keypad

2. Within 1 second, press the Option button

Scan Model: Toggles SCAN operation ON and OFF.

System Model: Selects a specific system.

System Model: Selects a specific group.

System Model: Toggles SCAN operation on and off.

System Model: Enables Private mode for the system/group/channel displayed.

System Model: Adjusts groups or channels from the currently selected system to the SCAN list.

System Model: Addresses the status list (0-9). The Status key permits the transmission of a pre-programmed status message to a P25 or EDACS site.

System Model: Accesses the message list (0-9). The Message key permits the transmission of a pre-programmed message to a P25 or EDACS site.

System Model: Inverts display - Toggle normal/invert. Requires ECP R16B or later.

System Model: Initiates telephone interconnect calls.

System Model: Initiates individual (uni-to-unit) calls. Functions as a telephone keypad.

System Model: Keys used to place telephone interconnect and individual (uni-to-unit) calls. Functions as a telephone keypad.

Power On/Off/Control Knob

Controls the power and volume.

Rotate clockwise to apply power to the radio and increase the volume. Rotate counter-clockwise to decrease volume and power off radio.

Voice Group Selection Knob

A 16 position rotary knob for selecting systems, groups/channels (set during programming). One of the other can be assigned to this button.

Emergency/ Home Button

Pre-programmed to pre-empt an emergency or a pre-set Home group/system. One of the other can be assigned to this button.

PTT Button

The PTT button is pressed to transmit.

Option Button

Pre-programmed to activate one software option.

Clear/Monitor Button (Option Button 2)

Preliminary mode. Used to exit the current operation and terminate special calls.

Conventional mode. Used to monitor channels and temporarily remove Channel Guard from a channel.

Portable Radios

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Frequency Lockout: One mid-pitched tone after pressing PTT button.

Battery (T) Pre-programmed to declare an emergency to a pre-set Home group/system. One of the other can be assigned to this button.

Battery Alert (B) One high-pitched tone after PTT. Battery too low to transmit.

Attach Battery Pack

1. Align the tabs at each side on the bottom of the battery pack to the slots at the bottom of the battery case.

2. Push the top of the battery pack down until the latches click to attach the battery to the radio.

3. Tug gently to verify that the latches are secure and the battery pack is properly attached to the radio.

Remove Battery Pack

1. Remove the battery pack from the side of the battery pack toward the bottom of the radio simultaneously.

2. Pull the battery away from the radio.

3. Remove the battery pack from the radio.
Radio is transmitting.

Radio is transmitting/receiving a call, call is queued.

196 Mode is enabled.

Channel Guard (CG) enabled.

Steady - EDACS system in Failsoft™ mode.

Rotating clockwise - scan mode enabled.

Selected talk group/channel is operating in P25 or analog conventional mode.

Battery charge too low to transmit.

System is transmitting/receiving a call.

The menu ([ ] key) allows access to features that are not available from the keypad.

1. Press the [ ] key to enter menu mode.
2. Use the [ ] or [ ] button to scroll through the available menu items.
3. Press the [ ] key again to select the item.
4. Depending upon the item selected, further scrolling using the [ ] or [ ] button may be required.
5. Press the [ ] key again to return to the active display.

System is transmitting/receiving a call.

The menu ([ ] key) allows access to features that are not available from the keypad.

1. Press the [ ] key to enter menu mode.
2. Use the [ ] or [ ] button to scroll through the available menu items.
3. Press the [ ] key again to select the item.
4. Depending upon the item selected, further scrolling using the [ ] or [ ] button may be required.
5. Press the [ ] key again to return to the active display.

Transmit a Group Call

1. Select the group.
2. Press the PTT button and speak normally while holding the microphone approximately two (2) inches from your mouth.
3. Release the PTT button when finished speaking and wait for a reply.

Receive a Group Call

1. Listen to the call.
2. The Group name or "LOC" appears in the display to indicate a call is being received.
3. Press the PTT button and speak normally while holding the microphone approximately two (2) inches from your mouth.
4. Release the PTT button when finished speaking and wait for a reply.

Transmit a Telephone Interconnect Call (System Model)

1. Press the [ ] key to access individual call list. When the system is busy, the ID in the display indicates the call is being received.
2. Press and hold the PTT button to respond. Radio continues to ring until the ID is pressed or originating radio disconnects.
3. If clear is called with no response, the radio stores the ID in the Who Has Called (WHC) list and displays: [ ]
4. Press the [ ] key to display ID. Press PTT button to return call or press Monitor/Clear button to clear [ ].
5. Follow steps 2 through 4 in "Transmit an Individual Call" above.

Receive a Telephone Interconnect Call (System Model)

1. Receive audio sounds when call is received and the display reads: [ ]
2. Follow steps 2 through 4 for "Receive an Individual Call."