

Quick Guide
MM-008220-001
Rev. D, March 2016



EDACS®/Conventional P5300
Portable Radios



P5300 Radio Keypad Functions	
Locking/Unlocking Keypad	
1. Press the M button.	
2. Within 1 second, press the Option button on the side of the radio.	
	Selects systems, groups, or channels. Secondary Function: Changes the selection for an item within a list.
	Selects systems, groups, or channels. Secondary Function: Changes the selection for an item within a list.
	Accesses the pre-stored menu. Secondary Function: Activates a selected item within a list. (Similar to an "Enter" key.)
P5350	
	Adds/Deletes selected groups or channels from the SCAN list of the currently selected system.
	Toggles SCAN operation ON and OFF.
	Activates one of any programmable software options selected during the PC programming, including: high/low TX power and talkaround.

P5300 Radio Keypad Functions (cont'd)	
P5370	
	Selects a specific system.
	Selects a specific group.
	Toggles SCAN operation on and off.
	Adds groups or channels from the currently selected system to the SCAN list.
	Accesses the status list (0-9). The Status key permits the transmission of a pre-programmed status message to an EDACS site.
	Accesses the message list (0-9). The Message key permits the transmission of a pre-programmed message to an EDACS site.
	Deletes a selected group or channel from the SCAN list of the currently selected system.
	Initiates telephone interconnect calls.
# IND button"/>	Initiates individual (unit-to-unit) calls.
1 - 9 * 0 #	Keys used to place telephone interconnect and individual (unit-to-unit) calls. Functions as a telephone keypad.

NOTICE!

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P5300 Radio Controls	
Top View	Side View
Power On-Off/Volume Knob	Rotate clockwise to apply power to the radio and increase the volume. Rotate counter-clockwise to decrease volume and power off radio.
System/Group/Channel Control Knob	A 16 position rotary knob for selecting systems or groups/channels (set during programming).
Emergency/Home Button	Pre-programmed to declare an emergency or select a pre-set Home group/system. One or 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)	Trunked mode: Used to exit the current operation and terminate special calls. Conventional mode: Used to monitor channels and temporarily remove Channel Guard decoding from a channel.
A/B Switch	EDACS mode: Pre-programmed to choose between 2 software options.

P5300 Alert Tones	
<i>(T) = trunked only (B) = both trunked and conv modes</i>	
Ready-to-Talk (B)	One short mid-pitched tone. OK to talk after pressing the PTT button.
Call Queued (T)	One high-pitched tone. Call queued for processing.
Autokey (T)	One mid-pitched tone. Queued call received channel assignment.
System Busy (T)	Three low-pitched tones. System busy or unable to complete the call.
Call Denied (T)	One low-pitched tone. Radio not authorized on the system or group.
Carrier Control Timer (B)	Five high-pitched tones and one long low-pitched tone. PTT pressed for too long.
Low Battery (B)	One low-pitched and one short mid-pitched tone. Low battery. Replace battery immediately.
TX Low Battery Alert (B)	Transmit Lockout: One low-pitched tone after PTT. Battery too low to transmit.

Attach Battery Pack



- Align the tabs at each side on the bottom of the battery pack with the slots at the bottom of the battery cavity.
- Push the top of the battery pack down until the latches click to attach the battery to the radio.
- Tug gently to verify that the latches are secure and the battery pack is properly attached to the radio.

Remove Battery Pack



- Pull both latches on either side of the battery pack toward the bottom of the radio simultaneously.
- Pull the battery away from the radio.
- Remove the battery pack from the radio.

P5300 Display & Status Icons	
	Line 1 - System/Channel
	Line 2 - Group
	Line 3 - Icon and Position
	Radio is transmitting.
	Radio is transmitting/receiving a call. Flashing – call has been queued.
	T99 Mode enabled.
	Channel Guard (CG) enabled.
	EDACS trunked system is in Failsafe™ mode.
	Selected group/channel is set at low power TX. If icon is not visible, TX is at high power.
	Selected talk group/channel is operating in digital or analog mode.
	ON (rotating clockwise) – SCAN mode enabled.
	Selected talk group/channel is a Priority 1, 2, or “in the scan list.” The talk group or channel is not in the scan list if a priority icon is not associated with it.
	Special call select/entry mode (Individual or Telephone Interconnect).
	Gauges approximate battery voltage level. Flashing “empty” indicates low battery.

P5300 Radio Status Messages	
CC SCAN	Control Channel Scan mode – Trunked mode only. Control channel lost, searching for a control channel.
WA SCAN	Wide Area Scan mode – Trunked mode only. Radio searching for a new system.
TALKARND	Talkaround mode – Conventional mode only. Radio operating unit-to-unit.
SYSC ON	System Scan Features On – Trunked mode only.
SYSC OFF	System Scan Features Off – Trunked mode only.
LOW BATT	Low Battery – Battery charge too low to transmit.
RXEMER	Receive Emergency – Trunked mode only. Indicates an emergency call is being received. This message will be flashing on line two.
TXEMER	Transmit Emergency – Trunked mode only. Indicates an emergency call has been transmitted on this radio. This message will be flashing on line two.
WHC	Who Has Called – Trunked mode only. Missed Individual call.
UNKNOWN	Unknown ID – Trunked mode only. Ind. call being received from an unknown ID.
QUEUED	Call Queued – Trunked mode only. Indicates the system has placed the call in a request queue.
SYS BUSY	System Busy – Trunked mode only. System is busy, no channels available, queue is full, or individual call being made to radio already receiving a call.
DENIED	Call Denied – Trunked mode only. Radio or group not authorized on selected system or group.

Menu
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.

Trunked Mode

Transmitting a Group Call
1. Select the group.
2. Press the PTT button and speak into the microphone. For maximum clarity, hold the radio approximately 2-inches from your mouth.
3. Release the PTT button when finished and wait for reply.

Receiving a Group Call
1. Listen to the call.
2. The Group name or “GRxxxx” will appear in the display to indicate a call is being received.
3. Press the PTT button and speak into the microphone.

For more detailed operating information and a list of options and accessories, refer to the Operator's Manual, MM-008212-001, available online at www.pspc.harris.com.

Trunked Mode (cont'd)
Transmitting an Individual Call (P5370)
1. Press the button to access the individual call list. appears.
2. Use the or button to scroll through the individual call list or enter the Logical ID (LID) number from keypad.
3. Press the PTT button and speak into the microphone. For maximum clarity, hold the radio approximately 2-inches from your mouth.
4. Release the PTT button when finished and wait for a reply.

Receiving an Individual Call (P5370)
1. Receive audio sounds when a call is received and the display reads: ID xxxxx *INDV*
2. Press and hold the PTT button to respond. Radio will continue to ring until PTT is pressed or originating radio disconnects.
3. If call is cleared with no response, the radio will store the ID in the Who Has Called (WHC) list and display: *WHC*.
4. Press the key to display ID. Press the PTT button to return call or press Monitor/Clear button to clear *WHC*.

Transmitting a Telephone Interconnect Call (P5370)
1. Press the button to access phone call list. appears.
2. Follow steps 2 through 4 in “Transmitting an Individual Call” above.

Receiving a Telephone Interconnect Call (P5370)
1. Receive audio sounds when call is received and the display reads: *PHONE*.
2. Follow Steps 2 through 4 for “Receiving an Individual Call.”

Conventional Mode
Transmitting a Call
1. Select the conventional system and channel.
2. Press the Monitor/Clear button briefly. If audio is heard or is lit, then the channel is busy.
3. When the channel becomes available, press the PTT button and speak into the microphone. For maximum clarity, hold the radio approximately 2-inches from your mouth.
4. Release the PTT button when finished and wait for reply.

Receiving a Call
1. Select a conventional system and channel or turn Scan on and make sure desired channel is in Scan list.
2. When the radio receives a call, the radio unmutes and the channel name or number appears in the display.

Declaring an Emergency
1. Press and hold the red Emergency/Home button.
2. and will appear in the display and *TXEMER* will flash in the display. After 2-3 seconds will turn off.
3. *TXEMER* and will remain until the emergency is cleared.

4. Press the PTT button and reappears. Speak normally.
5. Release the PTT button when transmission is complete. Press and hold the Clear/Monitor button then simultaneously press the emergency button to clear an emergency (if enabled through programming).