



# TCOMM APX Mobile Training (No P25 Trunking Operation)

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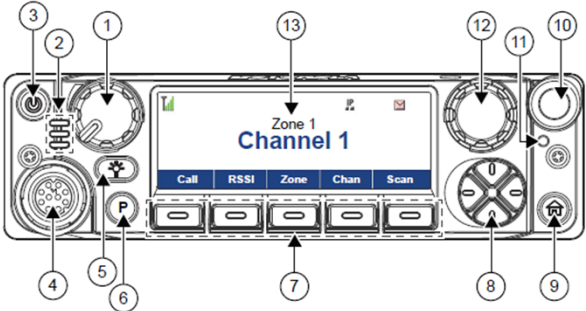
[www.adcomm911.com](http://www.adcomm911.com)



# APX Mobile Training for New Installations

- APX Mobile Training for Initial Installations
  - Small Number New and Replacement Vehicles
  - Radio programmed for VHF Operation – No P25 Trunking
- E5 Control Head Radio Controls (buttons and knobs)
- Status Icons on Display Screen ( , , , etc.)
- Basic Radio Use
- Microphone Best Practices
- Radio Scan

**E5 Control Head Radio Controls**

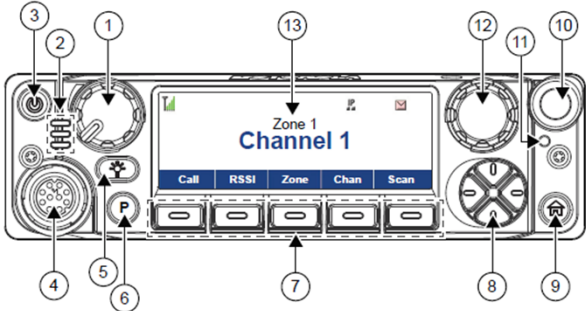


No.	Description
1	Volume Knob
2	LED Indicators
3	Power Button
4	Accessory Port (Microphone)
5	Dimmer Button
6	P Button <sup>1</sup>
7	Menu Select Buttons <sup>1</sup>
8	4-Way Navigation Buttons <sup>1</sup>
9	Home Button <sup>1</sup>
10	Orange Button <sup>1</sup>
11	Bluetooth Pairing Location Indicator <sup>2</sup>
12	Mode Knob
13	Screen Display

<sup>1</sup> These radio controls/buttons are programmable.

<sup>2</sup> Future use

### Status Icons on Display Screen



#### Status Icons

Icon	Description
	<b>Received Signal Strength Indicator (RSSI)</b> The number of bars represents the received signal strength of the current site in trunking mode.
	<b>Receiving</b> The radio is receiving a call or data.
	<b>Transmitting</b> The radio is transmitting a call or data.
	<b>Monitor (Carrier Squelch)</b> The selected channel is being monitored in conventional operation.
	<b>In-Call User Alert</b> The voice transmission of the affiliated trunking talkgroup or selected conventional channel is muted.
	<b>Secure Operation</b> Blinking – The radio is receiving an encrypted voice call.

Icon	Description
	Steady – The radio is operating in a secure channel.
	<b>AES Secure Operation</b> Blinking – The radio is receiving an AES-encrypted voice call. Steady – The radio is operating in an AES-secure channel.
	<b>Global Positioning System (GPS)</b> GPS is enabled and its signal is available.
	<b>Scan</b> The radio is scanning a scan list.
	<b>Priority Channel Scan</b> Blinking – The radio detects activity on the designated Priority-One channel. Steady – The radio detects activity on the designated Priority-Two channel.
	<b>Vote Scan</b> The Vote Scan feature is enabled.
	<b>Direct</b> The radio is configured for direct radio-to-radio communication in conventional operation.
	<b>Power Level</b> H – The radio is set at high power. L – The radio is set at low power.
	<b>User Login Indicator (IP Packet Data)</b> Steady – The user is associated with the radio. Blinking – The device registration or user registration with the server failed due to an invalid username or pin. Inverted – The user is logged on to the secured IP packet data.
	<b>Data Activity</b> Data activity is present on the radio.

# Basic Radio Uses

## Turning the Radio On and Off

To turn the radio on and off, press and hold the **Power** button.

## Navigating through the Radio Menu

- To navigate through the radio menu, use the **4-Way Navigation Buttons**.
- To select the desired menu entry, press the corresponding **Menu Select** button.
- To exit menu navigation, press the **Home** button.

## Adjusting the Volume of the Radio

To adjust the volume of the radio, perform one of the following actions:

- To increase the volume, rotate the **Volume** knob clockwise.
- To decrease the volume, rotate the **Volume** knob counterclockwise.

## Selecting a Zone

- 1 From the **Home** screen, navigate to **Zone** and press the corresponding **Menu Select** button.
- 2 To select a zone, navigate to the desired zone and press **Sel**.

## Selecting a Channel

- 1 From the **Home** screen, navigate to **Chan** and press the corresponding **Menu Select** button.
- 2 To select a channel, navigate to the desired channel and press **Sel**.


## Receiving and Transmitting Calls

- To transmit, press and hold the **PTT** button and speak clearly into the microphone.
- To receive, release the **PTT** button.

# Recommended Microphone Use

**Say It Loud and Clear**  
Clear communications are critical to first responders. Motorola Solutions works wi...

**MIC: TOO FAR AWAY**



**SAY IT LOUD AND CLEAR**  
14:50

Clear communications are critical to first responders. Motorola Solutions works with the International Association of Fire Chiefs to develop best practices to maximize intelligibility and overcome background noise on portable and mobile radios.

Motorola Solution Video Library

## Say It Loud and Clear

Search for "Motorola Say Loud and Clear"

Or use this link:

<https://video.motorolasolutions.com/detail/videos/two-way-radios/video/2203239567001/say-it-loud-and-clear>

**SHIELD.  
MOVE.  
TALK.**

**Shield** the microphone from noise. Use a free hand when possible and turn away from the source of the noise. Use helmet brim or visor to shield the microphone from rain or water.

**Move** the microphone 1 to 2 inches directly in front of your mouth.

**Talk** in a loud, clear, controlled voice. Don't shout.






# Basic Radio Uses (Scanning)

## Scan Lists

Scan lists are created and assigned to individual channels/groups. Your radio scans for voice activity by cycling through the channel/group sequence specified in the scan list for the current channel/group.

## Viewing a Scan List

### Procedure:

- 1  or  to `ScnL` and press the **Menu Select** button directly below `ScnL`.
- 2  or  to view the members on the list.
- 3 Press  to exit the current display and return to the Home screen.



## Scan

This feature allows you to monitor traffic on different channels by scanning a preprogrammed list of channels. Scanning is halted if you initiate a call and resumes when the call has ended.

## Turning Scan On or Off

### Procedure:

Perform one of the following actions:

- Press the preprogrammed **Scan** button to initiate or stop scan.
-  or  to `Scan` and press the **Menu Select** button directly below `Scan`.

If the scan is enabled, the display shows `Scan On` and the scan status icon.








If the scan is disabled, the display shows `Scan Off`.

The radio returns to the Home screen.

## Editing the Scan List

**When and where to use:** This feature allows you to change scan list members and priorities.

### Procedure:

- 1  or  to `ScnL` and press the **Menu Select** button directly below `ScnL`.  
The display shows the lists that can be changed.
- 2  or  to the entry you want to edit.
- 3 Perform one of the following actions:
  - Press the **Menu Select** button directly below `Se1` to add and/or change the priority of the currently displayed channel in the scan list.
  - Press the **Menu Select** button directly below `Del` to delete the currently displayed channel from the scan list.
  - Press the **Menu Select** button directly below `Rel` to view the next member of the scan list.
- 4 Perform one of the following actions to select another channel that you want to add or delete then repeat [step 3](#). Otherwise, proceed to the next step.
  -  or  to the desired channel.
  - Use the keypad to enter the desired channel name.
  - Use the **Mode Knob** to select the channel.
- 5 Press  to exit scan list programming and return to the Home screen.