

ASTRO[®] APX[™] E5 CONTROL HEAD MOBILE RADIO

QUICK REFERENCE GUIDE



MOTOROLA SOLUTIONS

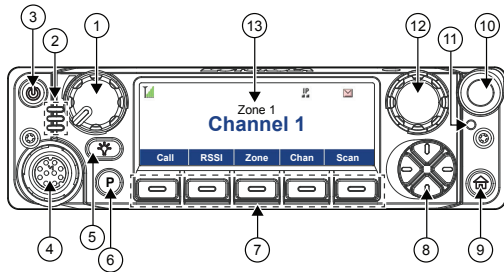
Product Safety and RF Exposure Compliance



Caution: This radio is restricted to occupational use only to satisfy FCC RF energy exposure requirements. Before using this product, read the Product Safety and RF Exposure booklet enclosed with your radio which contains important operating instructions for safe usage and RF energy awareness and control for compliance with applicable standards and regulations.

For a list of Motorola Solutions-approved antennas, batteries, and other accessories, visit <http://www.motorolasolutions.com>

E5 Control Head Radio Controls



| No. | Description |
|-----|-------------|
| 1 | Volume Knob |

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

Status Icons

| Icon | Description |
|------|--|
| | Received Signal Strength Indicator (RSSI) The number of bars represents the received signal strength of the current site in trunking mode. |
| | Receiving The radio is receiving a call or data. |

¹ These radio controls/buttons are programmable.

² The Bluetooth Pairing Location Indicator is for future enhancement of the Bluetooth feature. Check with your dealer or system administrator for more details of all the features supported.

| Icon | Description |
|------|--|
| | Transmitting The radio is transmitting a call or data. |
| | Monitor (Carrier Squelch) The selected channel is being monitored in conventional operation. |
| | In-Call User Alert The voice transmission of the affiliated trunking talkgroup or selected conventional channel is muted. |
| | Secure Operation Steady – The radio is operating in a secure channel. Blinking – The radio is receiving an encrypted voice call. |
| | AES Secure Operation Steady – The radio is operating in an AES-secure channel. Blinking – The radio is receiving an AES-encrypted voice call. |
| | Global Positioning System (GPS) GPS is enabled and its signal is available. |
| | Scan The radio is scanning a scan list. |
| | Priority Channel Scan Blinking – The radio detects activity on the designated Priority-One channel. Steady – The radio detects activity on the designated Priority-Two channel. |
| | Vote Scan The Vote Scan feature is enabled. |

| Icon | Description |
|------|---|
| | Direct The radio is configured for direct radio-to-radio communication in conventional operation. |
| | Power Level H – The radio is set at high power. L – The radio is set at low power. |
| | Zone Bank Basic Zone Bank – Icons "A" to "F" indicates that the radio is in the dedicated zone. Enhanced Zone Bank – Icons "A" to "Y" indicates that the radio is in the dedicated zone bank. |
| | User Login Indicator (IP Packet Data) 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. |
| | Data Activity Data activity is present on the radio. |

Turning the Radio On and Off

- To turn the radio on or off, press and hold the **Power** button.
- Perform one of the following actions:
 - To turn on the radio, rotate the **On/Off/Volume Control Knob** clockwise until you hear a click.
 - To turn off the radio, rotate the **On/Off/Volume Control Knob** counterclockwise until you hear a click.

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

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.

Sending Emergency Alarms

This feature allows you to send a data transmission, which identifies the radio sending the emergency, to the dispatcher.

Press the preprogrammed **Emergency** button.
Your radio shows the following indications:

- A tone sounds
- The LED blinks red momentarily
- The radio displays **EMERGENCY**



Notice: Your radio does not show any indication if it is configured to send a Silent Emergency Alarm. If Silent Emergency Alarm is used with Emergency Call, the radio exits Silent mode when you press the **PTT** button.

When you receive an acknowledgment from the dispatcher (and the central controller if you are in a trunking system), your radio shows the following indications:

- A high-pitched tone sounds (Trunking only)
- The display shows Ack received
- Four audio tones sound
- The alarm ends
- The radio exits the Emergency Alarm mode

Making Emergency Calls (Trunking Only)

- 1 Press the preprogrammed **Emergency** button.
Your radio shows the following indications:
 - A tone sounds
 - The radio displays **EMERGENCY**
- 2 Press and hold the **PTT** button and speak into the microphone.
- 3 To end the transmission and wait for a response from the dispatcher, release the **PTT** button.

Exiting Emergency Operation

If an Emergency operation is triggered on your radio, the dispatch console or radios configured as Supervisor can also exit the Emergency operation.

To exit Emergency operation, press and hold the preprogrammed **Emergency** button.

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