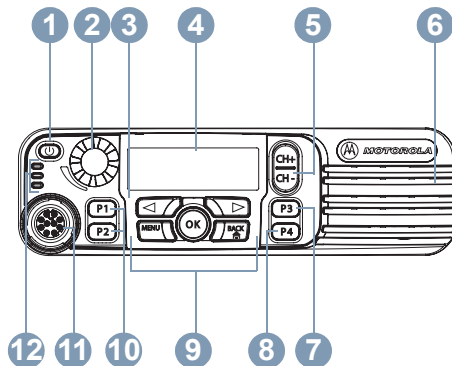




XiR Series Digital Mobile Radios Quick Reference Card (Display)

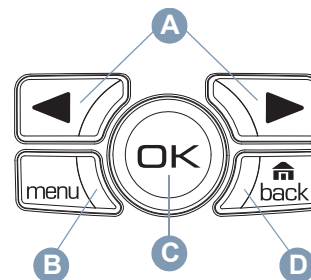
■ Radio Controls



Record your radio's programmable button functions in the blanks provided. **SP** represents Short Press, **LP** represents Long Press.

- 1 On/Off Button
- 2 Volume Knob
- 3 Front Button P1 (Programmable)
SP: _____ LP: _____
- 4 Display
- 5 Channel Rocker
- 6 Speaker
- 7 Front Button P3 (Programmable)
SP: _____ LP: _____
- 8 Front Button P4 (Programmable)
SP: _____ LP: _____
- 9 Menu Navigation Buttons
- 10 Front Button P2 (Programmable)
SP: _____ LP: _____
- 11 Accessory Connector
- 12 LED Indicators

■ Menu Navigation Buttons



- A Left/Right Navigation Buttons
- B Menu Button
- C OK Button
- D Back/Home Button

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■ Display Icons

The following are the icons that appear on the radio's display.



The number of bars displayed represents the radio signal strength. Four bars indicates the strongest signal. This icon is only displayed while receiving.



Radio is currently set at Low Power (L) or High Power (H).



The Option Board is enabled.



The Option Board is disabled.



The GPS feature is enabled. The icon stays lit when a position fix is available.



The GPS feature is enabled but is not receiving data from the satellite.



Scan feature is enabled.



Unread message in the Inbox.



Radio is in Emergency initiation mode.



The Privacy feature is enabled.



Searching for a site.

■ Call Icons

The following icons appear on the radio's display during a call.



Phone Call as Private Call

Indicates a Private Phone Call in progress.

■ Sent Items Icons

The following icons appear at the top right corner of the radio's display in the Sent Items folder.



The text message is sent successfully.



The text message cannot be sent.

■ LED Indicators

Blinking red – Radio has failed the self-test upon powering up, or has received an Emergency Call or Emergency Alert.

Rapidly blinking red – Radio is receiving Option Board firmware file, Network Frequency File, or Option Board Codeplug file over-the-air, or upgrading to a new Option Board firmware file.

Blinking green and yellow – Radio is receiving a Call Alert, received a text message, or Scan is enabled.

Rapidly blinking yellow – Radio is searching for a new site.

Solid green – Radio is transmitting.

Blinking green – Radio is powering up or detecting activity over the air. LED blinks in an even pattern (blink, blink, blink) while monitoring the Control Channel or receiving unscrambled transmissions. LED blinks in an uneven pattern (blink, blink, pause) while receiving scrambled transmissions.

■ Powering the Radio On or Off

Press the On/Off Button briefly to turn on the radio. Press and hold the On/Off Button to turn the radio off.

■ Adjusting the Volume

Turn the Volume Knob clockwise to increase volume or counterclockwise to decrease volume.

■ Site Restriction

Your radio system administrator has the ability to decide which network sites your radio is and is not allowed to use. Your radio does not need to be reprogrammed to change your list of allowed and disallowed sites. If your radio attempts to register at a disallowed site, you will see a brief message stating: "Site (number given) Not Allowed". The radio then searches for a different network site.

■ Selecting a Zone

Press the programmed **Zone** button and proceed to Step 3.

OR

Follow the procedure below.

- 1 Press  to access the menu.
- 2 Press  or  to **Zone** and press  to select.
- 3 The current zone is displayed and indicated by a ✓.
- 4 Press  or  to the required zone and press  to select.
- 5 The display shows <Zone> Selected momentarily and returns to the selected zone screen.

■ Selecting a Radio Channel, Subscriber ID, or Group ID

- 1 Press the On/Off Button.
- 2 Press the Channel Rocker up or down to select the call type.

■ Making a Group Call

Follow the procedure below.

- 1 Press the Channel Rocker to select the group alias or ID.
- 2 Press the **PTT** button to make the call. The green LED lights up. The display shows the group alias or ID.

- 3 Wait for the Talk Permit Tone to finish (if enabled).
Release the **PTT** button to listen.
- 4 When the target radio responds, the green LED blinks. You see the group alias or ID, and the transmitting radio alias or ID on your display.
- 5 If the Channel Free Indication feature is enabled, you will hear a short alert tone the moment the target radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond.

OR

If there is no voice activity for a programmed period of time, the call ends.

To make a call to a group of users, your radio must be configured as part of that group.

■ Making a Private Call

NOTE: Your radio must be programmed for you to initiate a Private Call.

Press the programmed **One Touch Call** button and proceed to Step 2.

OR

Follow the procedure below.

- 1 Press the Channel Rocker to select the subscriber alias or ID.
- OR**
- Press  to access the menu.
- Press  or  to **Contacts** and press  to select.

Press  or  to the ID you want to call and press  to select.

- 2 Press the **PTT** button to make the call. The green LED lights up. The first line displays the target radio's ID. The second line displays **Private Call**.
 - 3 Wait for the Talk Permit Tone to finish (if enabled) and speak clearly into the microphone.
 - 4 Release the **PTT** button to listen. When the target radio responds, the green LED blinks.
 - 5 If the Channel Free Indication feature is enabled, you will hear a short alert tone the moment the target radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond.
- OR**
- If there is no voice activity for a programmed period of time, the call ends.

■ Making a Site All Call

Your radio must be programmed to allow you to use this feature. Users on the site cannot respond to a Site All Call.

- 1 Press the Channel Rocker up or down to select the Site All Call group alias or ID.
- 2 Press the **PTT** button to make the call. The green LED lights up. The display shows the Site All Call group alias or ID.

- 3 Wait for the Talk Permit Tone to finish (if enabled) and speak clearly into the microphone.

During a Site All Call, you will not be able to use any programmed button functions until the call ends.

■ Making a Phone Call

Procedure:

- 1 Press the **Phone Manual Dial** programmable button, and then go to Step 6.

OR

Press  and follow the following steps.

- 2  or  (if necessary) to **Contacts** and press .

- 3  or  to **Manual Dial** and press .

- 4  or  (if necessary) to **Phone Number** and press .

- 5 The first line of the display shows **Phone Number:**. The second line of the display shows a cursor. Use the keypad to enter a telephone number and press  to proceed.

- 6 The first line of the display shows **Calling**. The second line of the display shows the dialed number and the **Phone Call** icon.

- 7 If successful:

You will hear audio from the phone line (ringing, busy tone, etc.). The display shows **Phone Call**.

OR

If unsuccessful:

A tone sounds and the display shows **Phone Call Failed** (or other message).

- 8 Hold the radio vertically 1 to 2 inches (2.5 to 5.0 cm) from your mouth.

- 9 Press the **PTT** button to talk and release it to listen.

- 10 To enter extra digits, if requested by the **Phone Call**:

Buffer Dial Method: Press any keypad key (0-9, *, #) to begin the input of extra digits. The first line of the display shows **Extra Digits:**. The second line of the display shows a cursor. Enter the extra digits and press  to proceed.

OR

Live Dial Method: Press and hold **PTT**, and then press and release each extra digit. The radio sends a DTMF tone for each extra digit. Release **PTT** when finished.

- 11 The **Phone Call** can be ended by the phone user or the radio user.

- 12 Press  to end the call.

- 13 When the call is over, the display shows **Phone Call Ended**.

■ Scanning Talkgroups

If your radio has been programmed with a **Scan** button, use the button to toggle the feature on or off. If your radio has been programmed so that

Scan can be turned on or off via the menu, the procedure is as follows:

- 1  to access the menu.

- 2  or  to **Scan** option and press  to select.

- 3 You see **Scan On** or **Scan Off**, depending on the previous selection. Press  to select.

During scan, the green and yellow LEDs blink, and the Scan icon is displayed.

■ Making a Call Alert

Press the programmed **One Touch Call** button and proceed to Step 5.

OR

Follow the procedure below.

- 1  to access the menu.

- 2  or  to **Contacts**. Press  to select.

- 3  or  to the required subscriber alias or ID and press  to select.

- 4  or  to **Call Alert** and press  to select.

- 5 The display shows **Call Alert:**
<Subscriber Alias or ID>.

- 6 If the **Call Alert** acknowledgement is received, a tone sounds and the display shows **Call Alert Successful**.

OR

If the **Call Alert** acknowledgement is not

received, a tone sounds and the display shows **Call Alert Failed**.

■ Sending a Quick Text Message

Press the programmed **Text Messaging** button and proceed to Step 3.

OR

Press the programmed **One Touch Call** button to send a predefined Quick Text message to a predefined alias or ID and proceed to Step 6.

OR

Follow the procedure below.

- 1  to access the menu.
- 2  or  to **Messages** and press  to select.
- 3  or  to **Quick Text** and press  to select.
- 4  or  to the required Quick Text and press  to select.
- 5  or  to the required alias or ID and press  to select.
- 6 The display shows **Sending Message**.
- 7 If the message is sent successfully, a tone sounds and the display shows **Message Sent**.
OR
If the message cannot be sent, a low tone sounds and the display shows **Message Send Failed**.

If the programmed button was used to send the quick text message and the text message fails to send, the radio returns you to the Home screen.

If the menu was used to send the quick text message and the text message fails to send, the radio returns you to the Resend option screen:

- Press  to resend the message to the same subscriber/group alias or ID.
- Select *Forward* to send the message to another subscriber/group alias or ID.
- Select *Edit* to edit the message before sending it.

NOTE: Once a message is sent to another radio, it is saved in Sent Items. The most recent sent text message is always added to the top of the Sent Items list.

The Sent Items folder stores a maximum of thirty (30) last sent messages.

When the folder is full, the next sent text message automatically replaces the oldest text message in the folder.

The icon at the top right corner of the screen indicates the status of the message.

■ Replying to a Text Message with Quick Text from the Inbox

Press the programmed **Text Messaging** button and proceed to Step 3.

OR

Follow the procedure below.

- 1  to access the menu.

- 2  or  to **Messages** and press  to select.

- 3  or  to **Inbox**. Press  to select.

- 4  or  to the required message and press  to select.
A subject line may be shown if the message is from an e-mail application.

- 5 Press  once more to access the sub-menu.

- 6  or  to **Reply** and press  to select.

- 7  or  to **Quick Text** and press  to select.

- 8  or  to the required message and press  once more to send the reply.

- 9 The display shows **Sending Message**.

- 10 If the message is sent successfully, a tone sounds. The display shows **Message Sent**.
OR
If the message cannot be sent, a low tone sounds and the display shows **Message Send Failed**.

If the programmed button was used to send the quick text message and the text message fails to send, the radio returns you to the Home screen.

If the menu was used to send the quick text message and the text message fails to send, the radio returns you to the Resend option screen:

- Press  to resend the message to the same subscriber/group alias or ID.

- *Select Forward to send the message to another subscriber/group alias or ID.*
- *Select Edit to edit the message before sending it.*

■ Initiating an Emergency Call or Emergency Alert

- 1 Press the programmed **Emergency** button. The Emergency Search Tone sounds. It is temporarily muted when the radio transmits or receives voice. The tone stops when the radio exits Emergency mode.

NOTE: The Emergency Search Tone is an optional feature, it can be enabled or disabled via the CPS programming software. This feature is disabled, if Silent Emergency is enabled. The CPS can also program tone to sound to through the speaker of the radio (default) or wired accessory. Check with your dealer or system administrator to determine how your radio has been programmed.

- 2 If button is programmed to initiate an Emergency Call, hold the microphone 1 to 2 inches (2.5 to 5.0 cm) from your mouth and speak.
- 3 If button is programmed to initiate an Emergency Alert, a positive indicator tone sounds once the Emergency Alert begins to broadcast on the site's Control Channel. The

display briefly shows, Emergency Alert Successful.

NOTE: Depending on how your radio was programmed, you may or may not have to press the **PTT** button prior to speaking. Also depending on how your radio was programmed, you may or may not hear a Talk Permit tone. Your radio dealer can provide more information on how your radio has been programmed for Emergency.

■ Clearing the Received Emergency Call (or Emergency Alert) Indications

If your radio has been programmed to provide an Emergency Alert Tone upon receiving an Emergency Call or Emergency Alert, you will have to manually clear both the Emergency Alert Tone and the Emergency Display indications. The procedure is as follows:

- 1 To silence the Emergency Alert Tone, press any button.
- 2 The display will continue to show information about the Emergency Call (or Emergency Alert) after the call (or alert) is over. Short press the  button, then press the programmed **Emergency Off** button to clear the Emergency display indications. The **Emergency Off** function is on the same button used to start an Emergency Call (or Emergency Alert). If **Emergency On** is a short press, then **Emergency Off** is a long

press. If **Emergency On** is a long press, then **Emergency Off** is a short press.

■ Enhanced Privacy

Press the programmed Privacy On/Off button to toggle Enhanced Privacy on or off for the selected channel position.

OR

Follow the procedure below.

- 1 Press the  button.
- 2 Press  or  to locate the Utilities option.
- 3 Press  to select Utilities.
- 4 Press  or  (if necessary) to locate the Radio Settings option.
- 5 Press  to select Radio Settings.
- 6 Press  or  to locate the Enh. Privacy option and press  to select.
- 7 The display shows Turn On or Turn Off, depending on whether Privacy is currently turned off or on.
- 8 Press  to toggle the current Privacy Setting.
- 9 The display briefly shows Enh. Privacy On or Enh. Privacy Off to indicate the new privacy setting

NOTE: Toggling the privacy setting on or off affects the currently selected channel position only. The radio tracks the

privacy setting (on or off) for each channel position separately.

