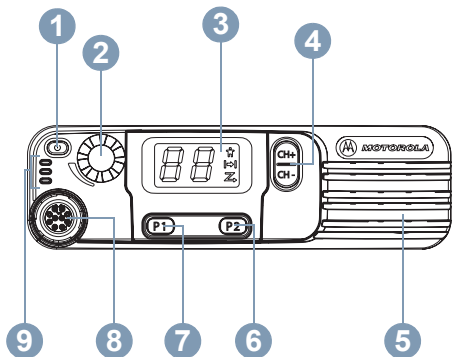


MOTOROLA
**XiR Series Digital
 Mobile Radios
 Quick Reference Card**

NOTE: Refer to User Guide for more details on your radio's operations/features.

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** Display
- 4** Channel Rocker
- 5** Speaker
- Front Button P2 (Programmable)
- 6** SP: _____ LP: _____
- Front Button P1 (Programmable)
- 7** SP: _____ LP: _____
- 8** Accessory Connector
- 9** LED Indicators

Display Icons

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

-  Indicates a Private Call in progress.
-  In the absence of a repeater, radio is currently configured for direct radio to radio communication.*
-  Scan feature is activated.*

* Not applicable in Capacity Plus

LED Indicators

Blinking red – Radio is receiving an Emergency transmission or has failed the self-test upon powering up.

Solid yellow – Radio is receiving a request for a Private Call, or monitoring a channel.

Blinking yellow – Radio is scanning for activity or receiving a Call Alert.

Double blinking yellow – Radio is no longer connected to the repeater while in Capacity Plus, all Capacity Plus channels are currently busy or in locked state.

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

Solid green – Radio is transmitting.

Blinking green – Radio is powering up, receiving a non-privacy-enabled call or data, or detecting activity over the air.

Rapidly blinking green – Radio is receiving a privacy-enabled call or data.


For Capacity Plus, there is no LED indication when the radio is detecting activity over the air.



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■ Audio Indicators for Programmable Buttons

Some programmable buttons use audio indicators to indicate the change as they alternate between two different choices.

Programmable Button	Positive Indicator Tone	Negative Indicator Tone
Zone	In Zone 2	In Zone 1
Repeater/Talkaround	In Talkaround mode	In Repeater mode
Scan	Start Scan operation	Stop Scan operation
Squelch 	Operating in tight squelch	Operating in normal squelch
Power Level	Transmitting at low power	Transmitting at high power
Horns and Lights	The horns and lights feature is on	The horns and lights feature is off
Tones and Alerts	All tones and alerts are on	All tones and alerts are off

■ Powering Up and Turning Off the Radio

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

■ Adjusting the Volume

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

NOTE: Your radio can be programmed to have a minimum volume offset where the volume level cannot be turned down fully. Check with your dealer or system administrator for more information.

■ Accessing the Radio from Password

Power up the radio.

- 1 You hear a continuous tone.

- 2 Press the Channel Rocker to select a digit and Front Button **P2** to enter the selected digit. Enter the remaining digits of the password in the same manner.

- 3 When the last digit of the four-digit password is entered, your radio automatically checks the validity of the password.
If the password is correct:
Your radio proceeds to power up.
OR
If the password is incorrect:
You hear a continuous tone. Repeat Steps 1 and 2.
OR
After the third incorrect password, your radio enters into locked state. A tone sounds and the yellow LED double blinks.

*Your radio enters into locked state for 15 minutes, and responds to inputs from **On/Off** button.*

NOTE: The radio is unable to receive any call, including emergency calls, in locked state.

The use of **Emergency** footswitch cancels out password input to access the radio.

■ Selecting a Zone

- 1 Press the programmed **Zone** button.

- 2 You hear a positive indicator tone, indicating the radio has switched from Zone 1 to Zone 2.
OR
You hear a negative indicator tone, indicating the radio has switched from Zone 2 to Zone 1.

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

- 1 Select the zone by pressing the programmed **Zone** button to switch between zones.

- 2 Press the Channel Rocker to select the required channel, subscriber ID, or group ID.

■ Capacity Plus

Press the Channel Rocker to access channels with Capacity Plus.

■ Making a Group or Private Call

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

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

OR

Follow the procedure below.

- 1 Press the Channel Rocker to select the channel with the active group ID.

OR

📞 Press the Channel Rocker to select the channel with the active subscriber ID.

- 2 Press the **PTT** button to make the call. The green LED lights up.

- 3 Wait for the Talk Permit Tone to finish (if enabled).

OR

📞 Wait for the **PTT** Sidetone to finish (if enabled).

- 4 Speak clearly into the microphone.

- 5 Release the **PTT** button to listen.

- 6 📞 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 the Voice Interrupt feature is enabled, press the **PTT** button to stop the current call from the transmitting radio and free the channel for you to talk/respond.

OR

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

📞 *For a Private Call, you hear a short tone when the call ends.*

📞 *Your radio must have the Privacy feature enabled on the channel to send a privacy-enabled transmission. Only target radios with the same Privacy Key OR the same Key Value and Key ID as your radio will be able to unscramble the transmission.*

■ Making a Phone Call

NOTE: When you attempt to make or end a Phone Call without the access and deaccess codes preconfigured, the attempt fails and a negative indicator tone sounds.

- 1 Press the programmed **One Touch Access** button to make a Phone Call to the predefined ID.

If the entry for the **One Touch Access** button is empty, a negative indicator tone sounds.

- 2 If successful:
The DTMF tone sounds. You hear the dialing tone of the telephone user.

OR

If unsuccessful:

A negative indicator tone sounds and the Phone Call attempt fails. Repeat Step 1.

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

- 4 Press the programmed **Phone Exit** button to end the call and a DTMF tone sounds.

- 5 If successful:

A tone sounds and your radio exits the Phone Call.

OR

If unsuccessful:

A negative indicator tone sounds and your radio returns to the Phone Call. Repeat Step 5 or wait for the telephone user to end the call.

For a Phone Call, you hear a short tone when making the call fails.

■ Making an All Call


Your radio must be programmed to allow you to use this feature. Users on the channel cannot respond to an All Call.

- 1 Press the Channel Rocker to select the channel with the active All Call group ID.

- 2 Press the **PTT** button to make the call. The green LED lights up.

- 3 Wait for the Talk Permit Tone to finish (if enabled).

OR

 Wait for the **PTT Sidetone** to finish (if enabled).

4 Speak clearly into the microphone.

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

*When you **receive** an All Call, you cannot use any programmed button functions until the call ends.*

■ Scanning Channels

NOTE: This feature is not applicable in Capacity Plus.

Press the programmed **Scan** button to turn scan on or off.

During scan, the yellow LED blinks.

■ Making a Call Alert

1 Press the programmed **One Touch Access** button to send the Call Alert to a predefined ID.

2 The green LED lights up.

3 Two chirps indicate that the Call Alert acknowledgement is successfully received.

■ Sending a Quick Text Message

1 Press the programmed **One Touch Access** button send a predefined Quick Text Message to a predefined ID.

2 The green LED lights up.

3 Two chirps indicate that the message is sent successfully.

OR

A low-pitch tone indicates that the message cannot be sent.

■ Sending an Emergency Alarm

1 Press the programmed **Emergency On** button.

2 The green LED lights up.

3 When an Emergency Alarm acknowledgment is received, the Emergency tone sounds. The green LED blinks.

OR

If your radio does not receive an Emergency Alarm acknowledgement, and after all retries have been exhausted, a low-pitch tone sounds.

4 Radio exits the Emergency Alarm mode.

If your radio is set to Silent, it will not display any audio or visual indicators during Emergency mode.

■ Privacy

Press the programmed **Privacy** button to toggle privacy on or off.

NOTE: Some radio models/locations may not offer this Privacy feature. Check with your dealer or system administrator for more information.

■ IP Site Connect

NOTE: This feature is not applicable in Capacity Plus.

1 Press the programmed **Site Lock On/Off** button to toggle automatic site roaming on or off.

2 The yellow LED blinks rapidly when the radio is actively searching for a new site, and turns off once the radio locks on to a site.

OR

1 Press the programmed **Manual Site Roam** button.

2 A tone sounds and the green LED blinks.

3 You hear a positive indicator tone and the LED turns off, indicating the radio is locked on to a site.

OR

You hear a negative indicator tone and the LED turns off, indicating the radio is unable to lock on to a site.