MOTOROLA

XPR 7550 Ex Digital Portable Radios

Quick Reference Guide

68009584001-A

RF ENERGY EXPOSURE AND PRODUCT SAFETY GUIDE FOR PORTABLE TWO-WAY RADIOS

ATTENTION!   **BEFORE USING THIS RADIO, READ THIS GUIDE WHICH CONTAINS IMPORTANT OPERATING INSTRUCTIONS FOR SAFE USAGE AND RF ENERGY AWARENESS AND CONTROL FOR COMPLIANCE WITH APPLICABLE STANDARDS AND REGULATIONS.**

RF Energy Exposure Awareness and Control Information and Operational Instructions for Occupational Use

NOTICE: **This radio is intended for use in occupational/controlled conditions where users have full knowledge of their exposure and can exercise control over their exposure to meet the occupational limits in FCC and International standards. This radio device is NOT authorized for general population consumer use.**

This two-way radio uses electromagnetic energy in the radio frequency (RF) spectrum to provide communications between two or more users over a distance. It uses radio frequency (RF) energy or radio waves to send and receive calls. RF energy is one form of electromagnetic energy. Other forms include, but are not limited to, sunlight and x-rays. RF energy, however, should not be confused with these other forms of electromagnetic energy, which when used improperly, can cause biological damage. Very high levels of x-rays, for example, can damage tissues and genetic material.

Experts in science, engineering, medicine, health, and industry work with organizations to develop standards for safe exposure to RF energy. These standards provide recommended levels of RF exposure for both workers and the general public. These recommended RF exposure levels include substantial margins of protection.

All Motorola two-way radios are designed, manufactured, and tested to ensure they meet government-established RF exposure levels. In addition, manufacturers also recommend specific

operating instructions to users of two-way radios. These instructions are important because they inform users about RF energy exposure and provide simple procedures on how to control it.

Please refer to the following websites for more information on what RF energy exposure is and how to control your exposure to assure compliance with established RF exposure limits:

http://www.fcc.gov/oet/rfsafety/rf-faqs.html

www.who.int/en/

www.motorolasolutions.com/rfhealth

Federal Communication Commission (FCC) Regulations

When two-way radios are used as a consequence of employment, the FCC requires users to be fully aware of and able to control their exposure to meet occupational requirements. Exposure awareness can be facilitated by the use of a product label directing users to specific user awareness information. Your Motorola two-way radio has a RF Exposure Product Label. Also, your Motorola user manual, or separate safety booklet includes information and operating instructions required to control your RF exposure and to satisfy compliance requirements.

Compliance with RF Exposure Standards

Your Motorola two-way radio is designed and tested to comply with a number of national and International standards and guidelines (listed below) for human exposure to radio frequency electromagnetic energy. **This radio complies with the IEEE (FCC) and ICNIRP exposure limits for occupational/ controlled RF exposure environments at**

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operating duty factors of up to 50% talk-50% listen and is approved for occupational use only. In terms of measuring RF energy for compliance with these exposure guidelines, **your radio generates measurable RF energy only while it is transmitting (during talking), not when it is receiving (listening) or in standby mode.**

NOTE: The approved batteries, supplied with this radio, are rated for a 5-5-90 duty factor (5% talk-5% listen-90% standby) even though this radio complies with FCC occupational exposure limits and may operate at duty factors of up to 50% talk.

Your Motorola two-way radio complies with the following RF energy exposure standards and guidelines:

- United States Federal Communications Commission (FCC), Code of Federal Regulations; 47 CFR et seq. & FCC, OET Bulletin 65
- FCC, OET Bulletin 65
- Institute of Electrical and Electronic Engineers (IEEE) C95.1
- International Commission on Non-Ionizing Radiation Protection (ICNIRP)
- Ministry of Health (Canada) Safety Code 6 &
- Industry Canada RSS-102
- Australian Communications Authority Radiocommunications Standard et seq.
- ANATEL ANNEX to Resolution No. 303 et seq.

RF Exposure Compliance and Control Guidelines and Operating Instructions for Two-Way Radio Operations

To control your exposure and ensure compliance with the occupational/controlled environment exposure limits, always adhere to the following procedures.

- DO NOT remove the RF Exposure Label from the device.
- User awareness instructions should accompany device when transferred to other users.

Two-Way Radio Operation

- Transmit no more than the rated duty factor of 50% of the time. To transmit (talk), push the Push-To-Talk (PTT) button. To receive calls, release the PTT button. Transmitting 50% of the time, or less, is important because this radio generates measurable RF energy exposure only when transmitting (in terms of measuring for standards compliance).
- In front of the face. Hold the radio in a vertical position with the microphone (and other parts of the radio including the antenna) at least one inch (2.5 centimeters) away from the nose or lips. Keeping the radio at a proper distance is important to ensure compliance.
- NOTE: RF exposures decrease with increasing distance from the antenna.
- Body Worn Operation. When worn on the body, always place the radio in a Motorola-approved clip, holder, holster, case, or body harness for this product. Using approved body-worn accessories is important because the use of non-Motorola-approved accessories may result in exposure

levels, which exceed the occupational/controlled environment RF exposure limits.

- Use only Motorola-approved supplied or replacement antennas, batteries, and audio accessories. Use of non-Motorola-approved antennas, batteries, and accessories may exceed the applicable RF exposure guidelines (iEEE, ICNIRP or FCC).
- For a list of Motorola-approved accessories for your radio model, visit the following website: http://www.motorolasolutions.com/ governmentandenterprise

Electromagnetic Interference/ Compatibility

NOTE: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your radio in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your radio when on board an aircraft. Any use of a radio must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

The Advanced Medical Technology Association (AdvaMed) recommends that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless radio and a pacemaker. These recommendations are consistent with those of the U.S. Food and Drug Administration.

Persons with pacemakers should:

- ALWAYS keep the radio more than 6 inches (15 centimeters) from their pacemaker when the radio is turned ON.
- Not carry the radio in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn the radio OFF immediately if there is any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless radios may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use of Communication Devices While Driving

Always check the laws and regulations on the use of radios in the areas where you drive.

- Give full attention to driving and to the road.

- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call, if driving conditions or regulations so require.

Acoustic Safety

Exposure to loud noises from any source for extended periods of time may temporarily or permanently affect your hearing. The louder the radio's volume, the less time is required before your hearing could be affected. Hearing damage from loud noise is sometimes undetectable at first and can have a cumulative effect.

To protect your hearing:

- Use the lowest volume necessary to do your job.
- Turn up the volume only if you are in noisy surroundings.
- Turn down the volume before adding headset or earpiece.
- Limit the amount of time you use headsets or earpieces at high volume.
- When using the radio without a headset or earpiece, do not place the radio's speaker directly against your ear.

Operational Warnings

WARNING

For Vehicle With Air Bags:
Refer to vehicle manufacturer's manual prior to installation of electronic equipment to avoid interference with air bag wiring.
DO NOT place a portable radio in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a portable radio is placed in the air bag deployment area and the air bag inflates, the radio may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres (Explosive atmospheres refers to hazard classified locations that may contain hazardous gas, vapors, or dusts.)
Turn off your radio prior to entering any area with a potentially explosive atmosphere unless it is a portable radio type especially qualified for use in such areas as Intrinsically Safe (for example, Factory Mutual, CSA, UL, or CENELEC).

WARNING

DO NOT remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles such as grain, dust or metal powders. Areas with potentially explosive atmospheres are often, but not always, posted.

Blasting Caps and Blasting Areas
To avoid possible interference with blasting operations, turn off your radio when you are near electrical blasting caps, in a blasting area, or in areas posted: "Turn off two-way radio." Obey all signs and instructions

Operational Cautions

Antennas

DO NOT use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Batteries

All batteries can cause property damage and/or bodily injury, such as burns, if a conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

Intrinsically Safe Radio Information

The Intrinsically safe approval unit refers to a product that has been approved as intrinsically safe by an approval agency (for example FM Approvals, CSA, UL, or Cenelec) and certifies that a particular product meets the Agency's applicable intrinsic safety standards for specific types of hazardous classified locations. A portable radio that has been approved for intrinsic safety will have Approval label attached to the radio to identify the unit as being Approved for specified hazardous atmospheres. This label specifies

the hazardous Class/Division/Group along with the part number of the battery that must be used. The Intrinsically Safe Approval Label will be located on the portable radio unit.

Operational Cautions for Intrinsic Safe Equipment

<table>
<tr>
<td>⚠️
Caution</td>
<td>

DO NOT operate radio communications equipment in a hazardous atmosphere unless it is a type especially qualified (for example, FM, UL, CSA, or CENELEC approved). An explosion or fire may result.
DO NOT operate a radio unit that has been approved as intrinsically safe product in a hazardous atmosphere if it has been physically damaged (for example, cracked housing). An explosion or fire may result.
DO NOT replace or charge batteries in a hazardous atmosphere. Contact sparking may occur while installing or removing batteries and cause an explosion or fire.

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</table>

Warnings for Radios Approved as Intrinsically Safe

Radios must ship from the Motorola manufacturing facility with the hazardous atmosphere capability and the intrinsic safety approval labelling (FM, UL, CSA, CENELEC). Radios will not be upgraded to this capability and labeled once they have been shipped to the field.

A modification changes the unit's hardware from its original design configuration. Modifications can only be made by the original product manufacturer.

WARNING

- **DO NOT replace or change accessories in a hazardous atmosphere. Contact sparking may occur while installing or removing accessories and cause an explosion or fire.**
- **Turn the radio off before removing or installing a battery or accessory.**
- **DO NOT disassemble an intrinsically safe product in any way that exposes the internal circuits of the unit.**
- **Failure to use an intrinsically safe approved battery or Approved accessories specifically approved for the radio unit may result in the dangerously unsafe condition of an unapproved radio combination being used in a hazardous location.**
- **Unauthorized or incorrect modification of the intrinsically safe approved Product will negate the approval rating of the product.**
- **Incorrect repair or relabeling of any intrinsically safe Agency-approved radio could adversely affect the Approval rating of the unit.**
- **Use of a radio that is not intrinsically safe in a hazardous atmosphere could result in serious injury or death.**

Repair

A repair constitutes something done internally to the unit that would bring it back to its original condition.

Items not considered as repairs are those in which an action is performed on a unit which does not require the outer casing of the unit to be opened in a manner that exposes the internal electrical circuits of the unit.

Do Not Substitute Options or Accessories

The Motorola communications equipment certified as intrinsically safe by the approving agency, (FM, UL, CSA, CENELEC) is tested as a complete system which consists of the listed agency Approved portable, Approved battery, and Approved accessories or options, or both. This Approved portable and battery combination must be strictly observed. There must be no substitution of items, even if the substitute has been previously Approved with a different Motorola communications equipment unit. Approved configurations are listed by the Approving Agency (FM, UL, CSA, CENELEC).

The Intrinsically Safe Approval Label affixed to radio refers to the intrinsically safe classification of that radio product, and the approved batteries that can be used with that system.

The manual PN referenced on the Intrinsically Safe Approval Label identifies the approved Accessories and or options that can be used with that portable radio unit.

Using a non-Motorola-intrinsically-safe battery and or accessory with the Motorola approved radio unit will void the intrinsically safe approval of that radio unit.

MOTOROLA

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

Radio Controls
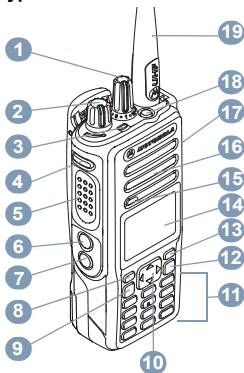
Full Keypad Radio
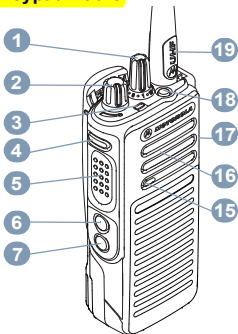
Record your radio's programmable button functions in the blanks provided. **SP** represents short press, **LP** represents long press.

1 Channel Selector Knob

2 On/Off/Volume Control Knob

3 LED Indicator

4 Side Button 1 (Programmable)
SP: _____ **LP**: _____

5 Push-to-Talk (**PTT**) Button

6 Side Button 2 (Programmable)
SP: _____ **LP**: _____

7 Side Button 3(Programmable)
SP: _____ **LP**: _____

8 Front Button P1 (Programmable)
SP: _____ **LP**: _____

9 Menu/OK Button

10 4-Way Navigation Button

11 Keypad

12 Back/Home Button

13 Front Button P2 (Programmable)
SP: _____ **LP**: _____

14 Display

15 Microphone

16 Speaker

17 Universal Connector for Accessories

18 Emergency Button (Programmable)

19 Antenna

English

Display Icons

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

Received Signal Strength Indicator (RSSI)
The number of bars displayed represents the radio signal strength. Four bars indicate the strongest signal. This icon is only displayed while receiving.

Battery
The number of bars (0 – 4) shown indicates the charge remaining in the battery.Blinks when the battery is low.

Emergency
Radio is in Emergency mode.

Notification
Notification List has one or more missed events.

Scan[*‡]
Scan feature is enabled.

Scan – Priority 1[*‡]
Radio detects activity on channel/group designated as Priority 1**.**

Scan – Priority 2 *‡
Radio detects activity on channel/group designated as Priority 2.

Vote Scan
Vote scan feature is enabled.

Monitor
Selected channel is being monitored.

Talkaround*‡
In the absence of a repeater, radio is currently configured for direct radio to radio communication.

Site Roaming*
The site roaming feature is enabled.

Secure
The voice privacy feature is enabled.

Unsecure
The voice privacy feature is disabled.

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

GPS Not Available/Out of Range
The GPS feature is enabled but is not receiving data from the satellite.

Option Board
The Option Board is enabled.

Option Board Non-Function
The Option Board is disabled.

Tones Disable
Tones are turned off.

* Not applicable in Capacity Plus
‡ Not applicable in Linked Capacity Plus

Call Icons

The following icons appear during a call, and in the Contacts list to indicate ID type.

Private Call
Indicates a Private Call in progress.
In the Contacts list, it indicates a subscriber alias (name) or ID (number).

Group Call/All Call
Indicates a Group Call or All Call in progress. In the Contacts list, it indicates a group alias (name) or ID (number).

Sent Items Icons

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

OR

Sent Successfully

The text message is sent successfully.

OR

Send Failed

The text message cannot be sent.

OR

In-Progress
- The text message to a subscriber alias or ID is pending transmission, followed by waiting for acknowledgement.

- The text message to a group alias or ID is pending transmission.

▉ LED Indicator

Blinking red – Radio is transmitting at low battery condition, receiving an emergency transmission or has failed the self-test upon powering up.

Solid green – Radio is powering up, or transmitting. Also indicates full charge of the battery when **Battery Strength** button is pressed.

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

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

Solid yellow – Radio is monitoring a conventional channel.

Blinking yellow – Radio is scanning for activity or receiving a Call Alert, or all local Linked Capacity Plus channels are busy.

Double blinking yellow – Radio is no longer connected to the repeater while in Capacity Plus or Linked Capacity Plus, all Capacity Plus channels or Linked Capacity Plus channels are currently busy, Auto Roaming is enabled, radio is actively searching for a new site. Also indicates radio has yet to respond to a group call alert, or radio is locked.

Charging the Battery

> ⚠ **Caution**
>
> Charge your battery only in non-hazardous areas. After battery is charged, allow your radio to rest for at least 3 minutes.

Your radio is powered by a Lithium-Ion (Li-Ion) battery. To avoid damage and comply with warranty terms, charge the battery using a Motorola charger *exactly* as described in the charger user guide.

If battery is attached to your radio, ensure that your radio remains powered off while charging.

Charge a new battery 14 to 16 hours before initial use for best performance.

IMPORTANT: **ALWAYS** charge your IMPRES battery with an IMPRES charger for optimized battery life and valuable battery data. IMPRES batteries charged exclusively with IMPRES chargers receive a 6-month capacity warranty extension over the standard Motorola Premium battery warranty duration.

Attaching the Battery

> ⚠️ **Caution**
> Do not replace batttery in gas and dust environments. Replace battery only in non-hazardous areas.

Align the battery with the rails on the back of the radio. Press the battery firmly, and slide upward until the latch snaps into place. Slide battery latch into lock position.

To Lock

To Unlock
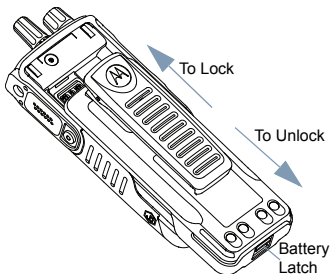
Battery Latch

To remove the battery, turn the radio off. Move the battery latch into unlock position and hold, and slide the battery down and off the rails.

▉ Attaching the Antenna

With the radio turned off, set the antenna in its receptacle and turn clockwise.

Make sure that the antenna is tightened securely to the radio.
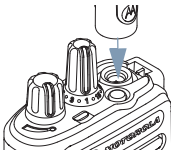
To remove the antenna, turn the antenna counterclockwise.

▉ Attaching the Belt Clip

Align the grooves on the clip with those on the battery and press downward until you hear a click.

To remove the clip, press the belt clip tab away from the battery. Using a key may be helpful. Then slide the clip upward and away from the radio.

English

Attaching the Universal Connector Cover (Dust Cover)

The universal connector is located on the antenna side of the radio. It is used to connect MOTOTRBO accessories to the radio.

Dust Cover
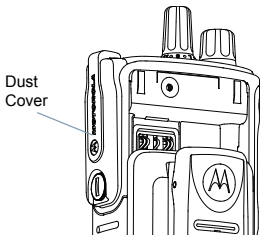
Insert the hooked end of the cover into the slots above the universal connector. Press downward on the cover to seat the lower tab properly into the RF connector.

Turn the thumbscrew clockwise to secure the connector cover to the radio.

To remove the universal connector cover, press down on the cover and turn the thumbscrew counterclockwise. Lift the cover up, slide the connector cover loop upwards, and remove it from the attached antenna.

Replace the dust cover when the universal connector is not in use.

Powering Up the Radio

Rotate the **On/Off/Volume Control Knob** clockwise until you hear a click. You see MOTOTRBO ‹TM› on the radio's display momentarily, followed by a welcome message or welcome image.

The LED lights up solid green and the Home screen lights up if the backlight setting is set to turn on automatically.

If enabled, a brief tone sounds indication that the power up test is successful.

To turn off the radio, rotate the knob clockwise until you hear a click.

Adjusting the Volume

To increase the volume, turn the On/Off Volume Control Knob clockwise.

To decrease the volume, turn this knob counterclockwise.

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

1 Power up the radio.

2. You hear a continuous tone.

3. Enter your current four-digit password with the
    radio's keypad. The display shows ●●●●. Press
    🔢 to proceed. **OR**

    Enter your current four-digit password. Press ▲ or
    ▼ to edit each digit's numeric value. Press ▶ or 🔢
    to move to the next digit. Each digit changes to ●.
    Press 🔢 to confirm your selection.

    You hear a positive indicator tone for every digit
    pressed. Press ◀ to remove the each ● on the
    display. You hear a negative indicator tone, if you
    press ◀ when the line is empty, or if you press
    more than four digits.

4. If the password is correct:
    Your radio proceeds to power up. See *Powering
    Up the Radio* on *page 29*.
    OR
    If the password is incorrect:
    The display shows Wrong Password. Repeat
    Step 3.
    OR
    After the third incorrect password, the display
    shows Wrong Password and then shows Radio
    Locked. A tone sounds and the LED double blinks
    yellow.

▌ Selecting a Zone

📱 **Full Keypad Radio**

A zone is a group of channels. The full keypad radio supports up to 1000 channels and 250 zones, with a maximum of 160 channels per zone.

Use the following procedure to select a zone.

Procedure:
Press the programmed Zone button and proceed to Step 3.
OR
Follow the procedure below.

1. 🔘 to access the menu.

2. ▲ or ▼ to Zone and press 🔘 to select.

3. The current zone is displayed and indicated by a ✓.

4. ▲ or ▼ to the required zone and proceed to Step 7.
   OR
   Key in the first character of the required zone.

5. A blinking cursor appears.
   Use the keypad to type the required zone.
   Press ◀ to move one space to the left.
   Press ▶ to move one space to the right.
   Press the *DEL key to delete any unwanted characters.

6. The first line of the display shows the characters you keyed in. The next lines of the display show

the shortlisted search results.
The alias search is case-insensitive. If there are two or more zones with the same name, the radio displays the zone that is listed first in the zone list.

7. Press 🔄 to select.

8. The display shows <Zone> Selected momentarily and returns to the selected zone screen.

Non-Keypad Radio

The non-keypad radio supports up to 32 channels and 2 zones, with a maximum of 16 channels per 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 Channel

Once the required zone is displayed (if you have

multiple zones in your radio), turn the programmed

Channel Selector Knob to select the channel.

After selecting your channel, you can select a subscriber alias or ID, or group alias or ID by using:
•The Channel Selector Knob

- A programmed One Touch Access button.
- The Contacts list (Applicable for Full Keypad Radio and Limited Keypad Radio only).
- The programmed number keys – This method is for Group, Private and All Calls only and is used with the keypad (Applicable for Full Keypad Radio only).
- Manual Dial (via Contacts) – This method is for Private Calls only and is dialed using a keypad microphone (Applicable for Full Keypad Radio only).

NOTE: 🔴 Indicated a conventional Analog Mode-Only feature.

🔵 Indicates a conventional Digital Mode-Only feature

Making a Group Call

1 Turn the Channel Selector Knob to select the channel with the active group alias or ID.

2. 🔲 to access the menu.▲ or ▼ to Contacts and press🔲 to select.The entries are alphabetically sorted. ▲ or ▼ to the required group alias or ID.**
OR
▲ or ▼ to Manual Dial and press 🔲 to select. A blinking cursor appears. Enter the group alias or ID you want to call.**

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

4. Press the **PTT** button to make the call. The LED lights up solid green. The Group Call icon appears in the top right corner. The first text line shows the group call alias.

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

   🔘 Wait for the **PTT** Sidetone to finish (if enabled) and speak clearly into the microphone.

6. Release the **PTT** button to listen. When the target radio responds, the LED blinks green. You see the Group Call icon, the group alias or ID, and transmitting radio alias or ID on your display.

7. 🔘 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 predetermined period of time, the call ends.

8. Radio returns to the screen you were on prior to initiating the call.

** not applicable for Non-Keypad Radio.

Making a Private Call 📞

1. Turn the Channel Selector Knob to select the channel with the active subscriber alias or ID.

2. 🔲 to access the menu.▲ or ▼ to Contacts and press🔲 to select.The entries are alphabetically sorted. ▲ or ▼ to the required group alias or ID.**
   OR
   ▲ or ▼ to Manual Dial and press 🔲 to select. A blinking cursor appears. Enter the group alias or ID you want to call.**

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

4. Press the **PTT** button to make the call. The LED lights up solid green. The Private Call icon appears in the top right corner. The first text line shows the subscriber alias. The second text line displays the call status.

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

6. Release the **PTT** button to listen. When the target radio responds, the LED blinks green.

7. 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

English

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

8. You hear a short tone. The display shows Call Ended.

NOTE: 🔒 Indicates a conventional Digital Mode-Only feature.

** not applicable for Non-Keypad Radio.

Making an All Call

1 Turn the Channel Selector Knob to select the channel with the active All Call group alias or ID.

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

3. Press the **PTT** button to make the call. The LED lights up solid green. The Group Call icon appears in the top right corner. The first text line shows All Call.

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

   🔊 Wait for the **PTT** Sidetone to finish (if enabled) and speak clearly into the microphone.

Users on the channel cannot respond to an All Call.

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 LED blinks yellow and the scan icon is displayed.

NOTE: Please see the User Guide for details on **Starting and Stopping Scan** through the radio menu.

Making a Call Alert

Full Keypad Radio

Press the programmed **One Touch Access** button and proceed to Step 6.
OR
Follow the procedure below.

1 🔲 to access the menu.

2. ▲ or ▼ to Contacts and press 🔲 to select.

3. ▲ or ▼ to the required subscriber alias or ID and press 🔲 to select.
   OR
   ▲ or ▼ to Manual Dial and press 🔲 to select.
   A blinking cursor appears. Enter the subscriber ID you want to page and press 🔲.

4. ▲ or ▼ to Call Alert and press 🔘 to select.

5. The display shows Call Alert and the subscriber alias or ID, indicating that the Call Alert has been sent.

6. The LED lights up solid green when your radio is sending the Call Alert.

7. If the Call Alert acknowledgement is received, the display shows positive mini notice.
   OR
   If the Call Alert acknowledgement is not received, the display shows negative mini notice.

Non-Keypad Radio

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

2. The LED lights up solid green when your radio is sending the Call Alert.

3. If the Call Alert acknowledgement is received, two chirps sound.
   OR
   If the Call Alert acknowledgement is not received, a low-pitch tone sounds.

Sending a Quick Text Message 🔵

Full Keypad Radio

Press the programmed **Text Message** button and proceed to Step 3.
OR
Press the programmed **One Touch Access** 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. A blinking cursor appears.
   Use the keypad to edit the message, if required.
   Press ◀ to move one space to the left.
   Press ▶ or the # key to move one space to the right.
   Press the *DEL key to delete any unwanted characters.

6. Press 🔲 once message is composed.

7. ▲ or ▼ to the required alias or ID and press 🔲 to select.
   OR
   ▲ or ▼ to Manual Dial and press 🔲 to select.
   Key in the subscriber alias or ID and press 🔲.
   OR
   🔲 to edit the message.

again to discard the message or save it to the
Drafts folder.

8. The display shows transitional mini notice,
confirming your message is being sent.

9. If the message is sent, a tone sounds and the
display shows positive mini notice.
OR
If the message is not sent, a low tone sounds and
the display shows negative mini notice.

Non-Keypad Radio

You can send Quick Text messages, programmed by
your dealer, via the programmable button.

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

2. The LED lights up solid green.

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 display shows Tx Alarm and the destination
alias. The LED lights up solid green and the

Emergency icon appears.
OR

(icon) The display shows `Tx Telegram` and the destination alias. The LED lights up solid green and the Emergency icon appears.

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3. When an Emergency Alarm acknowledgment is received, the Emergency tone sounds and the LED blinks green. The display shows `Alarm Sent`.
OR
If your radio does not receive an Emergency Alarm acknowledgement, and after all retries have been exhausted, a tone sounds and the display shows `Alarm Failed`.

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4. Radio exits the Emergency Alarm mode and returns to the Home screen.

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

NOTE: For more details about the above mentioned operations, and advanced features supported by the radios, please consult the User Guide document:

• 68009585001 MOTOTRBO XPR 7550 Ex Color Display Portable User Guide