To ensure optimal radio performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures.

**Portable Radio Operation and EME Exposure**

**Antenna Care**
Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the radio and may violate FCC regulations.

Do NOT hold the antenna when the radio is “IN USE.” Holding the antenna affects its effective range.

**Body-Worn Operation**
To maintain compliances with FCC guidelines if you wear a radio on your body when transmitting always place the radio in a Motorola-supplied or approved clip holder, holster, case or body harness for this product. Use of non-Motorola-approved accessories may exceed FCC guidelines.

If you do not use one of the Motorola-supplied or approved body-worn accessories and are not using the radio held in the normal use position, ensure the radio and its antenna are at least 1 inch (2.5 cm) from your body when transmitting.

**Data Operation**
If applicable, when using any data feature of the radio with or without an accessory cable, position the radio and its antenna at least one inch (2.5 cm) from the body.

**Approved Accessories**
For a list of approved Motorola accessories, visit our Web site at www.motorola.com.

**Electromagnetic Interference/Compatibility**

**Note:** Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. This device may not cause harmful interference; and
2. This device must accept any interference received, including interference that may cause undesired operation.

**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 onboard 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 recommends that a minimum separation of 6 inches (15 cm) be maintained between a handheld wireless radio and a pacemaker. These recommendations are consistent with the independent research by and recommendations of the U.S. Food and Drug Administration.

People with pacemakers should:
- ALWAYS keep the radio more than 6 inches (15 cm) 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.

**Medical Devices – 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.

**Medical Devices – Other**
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.

**Safety and General Use While Driving**
Check the laws and regulations regarding the use of radios in the area where you drive, and always obey them. If you do use your radio while driving, please:

- 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 so require.

The use of a two-way radio while engaged in activities requiring concentration may cause distraction or otherwise impair your ability to safely participate in such activities. Always use technology safely.

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 airbags inflate, the radio may be propelled with great force and cause serious injury to occupants of the vehicle.

**Potentially Explosive Atmospheres**
Turn off your radio prior to entering any area with a potentially explosive atmosphere. Only radio types that are especially qualified should be used in such areas as “Intrinsically Safe.” 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.

**Note:** 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, areas where the air contains chemicals or particles (such as grain, dust or metal powders) and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often—but not always—posted.

**Blasting Caps and 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 radios.” 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—like jewelry, keys or beaded chains—touch 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.

Exercise care when removing NiMH or AA batteries. Do not use sharp or conductive tools to remove either of these batteries.

**Battery Charger Safety Instructions**

- **Save these Instructions**

1. Do not expose the charger to rain or snow.
2. Do not operate or disassemble the charger if it has received a sharp blow, or has been dropped or damaged in any way.
3. Never alter the AC cord or plug provided with the unit. If the plug will not fit the outlet, have the proper outlet installed by a qualified electrician. An improper condition can result in a risk of electric shock.
4. To reduce the risk of damage to the cord or plug, pull the plug rather than the cord when disconnecting the charger from the AC receptacle.
5. To reduce the risk of electric shock, unplug the charger from the outlet before attempting any maintenance or cleaning.
6. Use of an attachment not recommended or sold by Motorola may result in a risk of fire, electric shock or personal injury.
7. Make sure the cord is located so it will not be stepped on, tripped over or subjected to damage or stress.
8. An extension cord should not be used unless absolutely necessary. Use of an improper extension cord could result in a risk of a fire and/or electric shock. If an extension cord must be used, make sure that:
   - The pins on the plug of the extension cord are the same number, size and shape as those on the plug of the charger.
   - The extension cord is properly wired and in good condition.
   - The extension cord size is 18 AWG for lengths up to 100 feet, and 16 AWG for lengths up to 150 feet.
Microphone
Mini-USB

FCC form s, please visit the FCC’s Web site at wireless.fcc.gov/uls/index.htm?job=home to source form 605.

Your Motorola radio operates on General Mobile Radio Service radio license before operating their equipment. To obtain the FCC’s Web site at wireless.fcc.gov/uls/index.htm?job=home to source form 605.

If you wish to have the document faxed or mailed, or if you have questions, please use the following contact information:

For a fax: Contact the Fax-on-Demand system
1-202-418-0177

For mail service: Call the FCC Forms Hotline
1-800-418-FORM (3676)

If you have questions about the FCC License: Call the FCC
1-888-CALL-FCC (225-5323)

Congratulations on your purchase of the 2 M R355/M R356 two-way radio. Before using it, please read through this manual. Changes or modifications not expressly approved by Motorola may void the user’s authority granted by the FCC to operate this radio and should not be made. To comply with FCC requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the FCC equipment authorization for this radio could violate FCC rules.

Note: Use of this radio outside the country where it was intended to be distributed is subject to government regulations and may be prohibited.

Getting Started

Installing the Batteries

Each radio can use either 1 NiMH rechargeable battery pack or 3 AA alkaline batteries and beeps when the batteries are low.

Installing NiMH Rechargeable Battery Pack (Optional Accessory)

1. Turn the radio off.
2. With the back of the radio facing you, lift the battery cover latch up and remove the cover.
3. Remove the NiMH battery pack from the clear plastic bag (do not disassemble or unwrap the battery pack).
4. Insert the NiMH battery pack with the diagram facing you. (The ribbon should be underneath the battery pack and should wrap around the right side of the pack for easy removal.)
5. Reposition the battery cover and press down to secure.

Installing the Three AA Alkaline Batteries

1. Turn the radio off.
2. With the back of the radio facing you, lift the battery cover latch up and remove the cover.
3. Insert the three AA alkaline batteries with + and - polarity as shown inside. (The ribbon should be underneath the AA alkaline batteries and should wrap around the right side of the batteries.)
4. Reposition the battery cover and press down to secure.

Radio Battery Meter

The radio battery icon shows the battery charge level, from full to empty. When the radio has one segment left, the radio chirps periodically or after releasing (Low Battery Alert).

Removing the NiMH Battery Pack (Optional Accessory)

1. Turn the radio off.
2. With the back of the radio facing you, lift the battery cover latch up to release the battery cover and remove the cover.
3. Remove the NiMH battery pack by pulling the ribbon attached to the radio.
4. Reposition the battery cover and press down to secure.

Removing the Three AA Alkaline Batteries

1. Turn the radio off.
2. With the back of the radio facing you, lift the battery cover latch up to release the battery cover and remove the cover.
3. Gently remove each alkaline battery by easing each battery out individually.
4. Reposition the battery cover and press down to secure.

Notes

• Exercise care when removing NiMH or AA batteries. Do not use sharp or conductive tools to remove either of these batteries.
• Remove the batteries before storing your radio for extended periods of time. Batteries corrode over time and may cause permanent damage to your radio.

Using the Battery Charger (Optional Accessory)

The battery charger provides drop-in charging convenience for NiMH batteries and can be placed on any flat surface, such as a desk or workbench. Charge the NiMH battery overnight (at least 16 hours) before using it for the first time. After the initial charge, an empty battery is fully charged within 14 hours.

1. Follow the steps above to install a NiMH Battery Pack.
2. Plug the AC power supply cord into the jack on the desk stand.
3. Plug the AC power supply into a standard wall outlet.
4. With a radio facing forward, slide it into one of the charging pockets.
5. When charging in the battery charger, the red light on the charger base will glow continuously.

Using the mini-USB Charging Connector

The mini-USB charging connector is a handy port that allows you to conveniently charge your NiMH battery pack. This is an alternative to charging your NiMH battery pack in the Battery Charger desk stand using the AC wall adaptor and especially useful when used while traveling.

Available mini-USB charging options (Optional Accessories):

1. Wall travel charger
2. Vehicle charger
3. Mini-USB computer cable

If using a computer, the computer must be turned on.

This and other accessories (sold separately) are available for your radio. For more information, visit our Web site at www.motorola.com or shop.giantint.com.

1. Plug your mini-USB cable or charger into a power source as appropriate for your accessory.
2. Plug the cable into the mini-USB port on the bottom of your radio.
3. An empty battery will be fully charged in 14 hours.
4. The LED indicator light on the radio will glow to indicate that the battery is charging.

Attaching and Removing the Belt Clip

1. Attach belt clip to pocket or belt strap.
2. Align the belt clip post with the hole in the back of the radio.
3. Gently push until the clip clicks in place.

To Remove

1. Push down on the release tab at the top of the belt clip to release the catch.
2. Pull the belt clip away from the back of the radio.

Turning your Radio On and Off

Turn clockwise to turn the radio on and counterclockwise to turn the radio off.

1. In the ON position, the radio chirps and briefly shows all feature icons available on the radio.
2. The display screen then shows the current channel, code and all features that are enabled.

Setting the Volume

Press and hold until you reach a comfortable listening level.

1. Rotate clockwise to increase the volume.
2. Rotate counter-clockwise to decrease the volume.

Do not hold the radio close to your ear. If the volume is set to an uncomfortable level, it could hurt your ear.

Talking and Listening

To communicate, all radios in your group must be set to the same channel and Interference Eliminator Code.

1. To talk, press and hold .

MR355/MR356
1. When you are finished talking, release \( \Theta \).

   For maximum clarity, hold the radio two to three inches away from your mouth and speak directly into the microphone. Do not cover the microphone while talking.

### Talk Range

Your radio is designed to maximize performance and improve transmission range. Do not use the radios closer than five feet apart.

### Power Boost

To boost your radio’s power up to high power, press the top portion of the \( \Theta \) button when talking. If you know your party is close by, you can conserve your battery’s energy by pushing the lower part of the \( \Theta \) button to use less power.

#### Note:

If you are on an FRS only channel (see “Channels and Frequencies” tables on overleaf for details) the radio will only use low power when either portion of the \( \Theta \) is pressed.

### Monitor Button

Pressing and holding \( \Theta \) for three seconds allows you to listen to the volume level of the radio when you are not receiving. This allows you to adjust the volume, if necessary. You can also press \( \Theta \) to check for activity on the current channel before you talk.

### Push-to-Talk \( \Theta \) Timeout Timer

To prevent accidental transmissions and save battery life, the radio emits a continuous warning tone and stops transmitting if you press \( \Theta \) for 60 continuous seconds.

### Menu Options

#### Selecting the Channel

Your radio has 22 channels plus 8 repeater channels. The channel is the frequency the radio uses to transmit. Channels 8-14 are FRS 0.5 watt only and all other channels are GMRS. (See the “Channels and Frequencies” tables on overleaf for details.)

1. With the radio on, press \( \Theta \). When the radio is on a 0.5 watt channel, \( \Theta \) displays. When the radio is on a 1.5 watts channel, \( \Theta \) displays. The current channel flashes.
2. Press \( \Theta \) or \( \Theta \) and select an unused or quiet channel.
3. Press \( \Theta \) to save the channel setting or \( \Theta \) to continue set up.

The 8 repeater channels are disabled by default. See “Enabling Repeater Channels” on overleaf for information on setting the radio to a repeater channel.

#### Selecting the Interference Eliminator Code

Interference Eliminator Codes help minimize interference by blocking transmissions from unknown sources. Your radio has 121 Interference Eliminator Codes. Codes 1 – 38 are analog tones. Codes 39 – 121 are digital codes. 0 is the off position, no analog or digital codes are enabled.

To set the code for a channel:

1. Press \( \Theta \) until the code starts to flash.
2. Press \( \Theta \) or \( \Theta \) to select the code.
3. Press \( \Theta \) to save the code setting or \( \Theta \) to continue set up.

You can set a different code for each channel using this procedure. An extended press of \( \Theta \) or \( \Theta \) allows you to scroll through the Interference Code rapidly so you can quickly reach the code you want.

When setting codes for repeater channels 15R-22R, this code value is only used for receiving. The transmitted code can be set separately for repeater access. See “Selecting the Repeater Access (TX) Code” on overleaf for additional information.

#### Note:

You must set the Interference Eliminator Code to 0 to communicate with radios that do not have Interference Eliminator Codes.

#### Setting and Transmitting Call Tones

Your radio can transmit different call tones to other radios in your group so you can alert them that you want to talk. Your radio has 10 call tones from which to choose, including 5 animal sounds and 5 regular call tones.

To set a call tone:

1. Press \( \Theta \) three times until the current call tone setting flashes and \( \Theta \) appears.
2. Press \( \Theta \) or \( \Theta \) to change and hear the call tone.
3. Press \( \Theta \) to set the new call tone or \( \Theta \) to continue set up.

To transmit your call tone to other radios set to the same channel and Interference Eliminator Code as your radio, press \( \Theta \).

#### Hands-Free Use Without Accessories (\( \Theta \) VOX)

You can use the \( \Theta \) VOX feature to transmit hands-free without the need for any headset accessories. Once \( \Theta \) VOX is turned on, the radio detects your voice and transmits when you speak into the internal microphone.

1. Press \( \Theta \) until \( \Theta \) VOX appears on the display. The current setting \( \Theta \) On/Off will flash.
2. Press \( \Theta \) or \( \Theta \) to select \( \Theta \) On or \( \Theta \) Off.
3. Press \( \Theta \) to set or \( \Theta \) to continue set up.

#### Hands-Free Use With Accessories (\( \Theta \) VOX)

You can transmit hands-free more reliably with the use of optional headset accessories. Once \( \Theta \) VOX is turned on, the radio detects your voice and transmits whether or not you speak.

Many accessories (sold separately) are available for your radio. For more information, visit our Web site at www.motorola.com or shop.giantintl.com.

1. Turn the radio off and plug the \( \Theta \) VOX accessory into the accessory port.
2. Turn the radio on. \( \Theta \) VOX shows on the display.
3. Adjust the volume appropriately by rotating \( \Theta \). Lower the volume before placing the accessory on your head or in your ear.
4. To turn off, simply remove accessory.

#### Note:

There is a short delay between the time you start talking and when the radio transmits. There is a short delay before the transmission is completed.

#### Setting the Sensitivity Level When in \( \Theta \) VOX Mode

Adjusting the radio’s sensitivity level helps minimize the possibility of unintended noises triggering a transmission and helps the radio pick up soft voices.

1. Press \( \Theta \) until \( \Theta \) VOX and the level setting (1 - 3) appear on the display.
2. Press \( \Theta \) or \( \Theta \) to select the sensitivity level.
3. Press \( \Theta \) to set or \( \Theta \) to continue set up.

3 = High Sensitivity for quiet environments
2 = Medium Sensitivity for most environments
1 = Low Sensitivity for noisy environments

#### Note:

When you connect a headset, the radio is automatically set to the last chosen sensitivity level.

#### Q₂ Noise Filtering

The Q₂ noise-filtering feature helps ensure uninterrupted communication with other Motorola radios that have this feature. This feature also filters out unwanted transmissions from other radios. This is useful in places where there is heavy radio traffic, such as amusement parks or ski resorts.

#### Note:

Q₂ noise filtering is not available when the radio is scanning.

To turn Q₂ noise filtering on or off:

1. Press \( \Theta \) until Q₂ displays. The current setting \( \Theta \) On/Off will flash.
2. Press \( \Theta \) or \( \Theta \) to turn noise filtering \( \Theta \) On or \( \Theta \) Off.
3. Press \( \Theta \) to confirm your selection or \( \Theta \) to continue set up.

To transmit to a radio that has Q₂ noise filtering turned on:

1. Select the same channel and Interference Eliminator Code as the other radio.
2. Press \( \Theta \) to send a call tone. This allows your voice to pass through the Q₂ noise filter on the receiving radio.
3. Press \( \Theta \) and speak normally.

#### Special Features

### Emergency Alert Mode

The Emergency Alert feature can be used to signal members in your group of your need for urgent help. MR series radios will operate in an automatic “hands-free” emergency control mode for a total of 30 seconds after activating the Emergency Alert. MR series radios in your group will automatically advance the speaker volume to the maximum setting and sound a warning alert tone for 8 seconds. The alert tone is emitted from your own radio speaker and the receiving radios in your group. After the 8 second alert, any spoken words or incidental sounds at your end...
will be transmitted to the group for 22 seconds. For the 30 second duration of Emergency Alert mode, MR series radio controls and buttons will be locked to maximize reception of the emergency message.

1. Press and hold the Emergency Alert button for 3 seconds.

2. Release the button after the LED indicator glows red and the alert tone begins to sound. There is no need to continue to hold the Emergency Alert button or use PTT for your message to be transmitted.

3. After the alert tone ends you may speak into the microphone. Your voice or incidental sounds will be transmitted. The LED indicator will continue to glow for the duration of the 22 second period.

4. After 30 seconds your radio speaker will emit a Talk Confirmation Tone and the LED indicator will extinguish.

Operation then returns to normal two-way mode.

Note: All Motorola Talkabout EM, MJ, and MR series radios are fully compatible with the Emergency Alert feature. Radios other than EM, MJ, MR series can receive the emergency alert signal, but will not respond with adjusted volume settings, locked controls, or a warbling alert tone. Users of other radio models set to the same channel and Interference Eliminator Code will hear a steady tone for 8 seconds followed by the voice transmission for 22 seconds.

Warning: The Emergency Alert feature should only be used in the event of an actual emergency. Motorola is not responsible if there is no response to the emergency alert from the receiving group.

Built-in Flashlight
Press and hold the flashlight button to turn and keep the light on.

The switch functions as a momentary control for the light.

Note: Turn off the flashlight when not in use to conserve battery power.

Keypad Lock
To avoid accidentally changing your radio settings:

1. Press and hold ( ) until displays.

2. When in lock mode, you can turn the radio on and off, adjust the volume, receive, transmit, send a call tone, and monitor channels. All other functions are locked.

To unlock the radio, press and hold ( ) and ( ) is no longer displayed.

Scanning Channels
Use scan to search the 22 channels for transmissions from unknown parties, to find someone in your group who has accidentally changed channels, or to quickly find unused channels for your own use.

There is a priority feature and 2 modes of scanning (basic and advanced) to make your search more effective. The basic scan mode uses the channel and code combinations for each of the 22 channels as you have set them (or with the default code value of 1). The "Advanced Scan" mode will scan all channels for any and all codes, detect any code in use, and use that code value temporarily for that channel.

Priority is given to the "home channel", that is, the channel (and Interference Eliminator Code) your radio is set to when you start the scan. This means the initial channel (and code setting) is scanned more often than the other 21 channels, and your radio will transmit using the newly detected Interference Eliminator Code.

The radio will resume scanning through the channels five seconds after the end of any received activity.

To stop scanning, briefly press the key.

Scanning Notes:
1. If you press while the radio is scanning through inactive channels, the transmission will be on the "home channel". Scanning will resume five seconds after the end of your transmission. You may press the key to stop scanning at any time.

2. If the radio stops on an undesired transmission, you may immediately resume the scan by briefly pressing or .

3. If the radio repeatedly stops on an undesired transmission, you may temporarily remove that channel from the scan list by pressing and holding or ( ) for three seconds. You may remove more than one channel in this way.

4. To restore the removed channel(s) to the scan list, turn the radio off and then back on, or exit and re-enter the scanning mode by pressing .

5. You cannot remove the home channel from the scan list.

In Advanced Scan, the detected code will only be used for one transmission. You must note the code, exit scan, and set that detected code on that channel to permanently use the detected code.

Weather Receiver
Your radio can tune in to broadcasts by the United States National Oceanic and Atmospheric Administration (NOAA) Weather Radio. You can listen to a weather channel (see "Weather Channels and Frequencies" table for details) or set your radio to alert you to emergency weather broadcasts that interrupt routine broadcasts.

When you listen to a weather channel, you cannot use your radio in scan mode or for two-way communications.

NOAA has transmitters located throughout the United States. These transmitters broadcast watches, forecasts, and other information 24 hours a day.

Note: NOAA weather radio stations are assigned to cover specific areas and service may be limited. Please check with your local weather office for frequency and details, or visit www.weather.gov/ner in the US to view the appropriate transmitter for your area.

The use of the NOAA logo does not provide an endorsement or implied endorsement by NOAA’s National Weather Service.

Turning Weather Channel Reception On and Off
1. To turn weather reception on, press and hold for 3 seconds.

2. To turn off, press or to turn the radio off and then back on.

Setting the Weather Channel
Your radio receives weather frequencies:

1. After turning weather reception on, press . The current channel flashes.

2. Press or to select the appropriate channel with good reception in your area.

3. Press to save the weather channel setting.

Setting the Weather Alert
Your radio can be set to respond to NOAA Weather Radio emergency messages. A special alarm tone sounds an alert and turns on the weather receiver to give you immediate weather and emergency information.


2. Press or to select On/Off. If you activate Weather Alert and return to two-way mode, will display.

3. Press to save the Weather Alert setting.

4. Press to return to two-way mode.

As with two-way radio reception, weather channel reception depends on how close you are to a transmitter and whether you are indoors or outdoors. Because weather channels are transmitted without codes, they may contain static or noise. Weather Alert will not function while actively transmitting or receiving in two-way mode.

<table>
<thead>
<tr>
<th>CHANNEL</th>
<th>RX (MHz)</th>
<th>CHANNEL</th>
<th>RX (MHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WX1</td>
<td>162.5500</td>
<td>WX5</td>
<td>162.4500</td>
</tr>
<tr>
<td>WX2</td>
<td>162.4000</td>
<td>WX6</td>
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GMRS Simplex Channels and Frequencies

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<th>CHANNEL</th>
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<tbody>
<tr>
<td>1</td>
<td>GMRS/FRS</td>
<td>12</td>
<td>FRS</td>
</tr>
<tr>
<td>2</td>
<td>GMRS/FRS</td>
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<td>FRS</td>
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<tr>
<td>3</td>
<td>GMRS/FRS</td>
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GMRS Duplex Repeater Channel Frequencies

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Weather Channels and Frequencies

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<tr>
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<td>WX5</td>
<td>GMRS</td>
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<td>GMRS</td>
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<td>GMRS</td>
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<td>WX3</td>
<td>GMRS</td>
<td>WX7</td>
<td>GMRS</td>
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<td>WX4</td>
<td>GMRS</td>
<td>WX8</td>
<td>GMRS</td>
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INTERFERENCE ELIMINATOR TONE / CODE VALUES

<table>
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<tr>
<th>CODE (Hz)</th>
<th>CODE (OCTAL)</th>
<th>CODE (OCTAL)</th>
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<tr>
<td>67.0</td>
<td>032</td>
<td>81</td>
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<td>71.9</td>
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<td>94.8</td>
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<tr>
<td>97.4</td>
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<tr>
<td>100.0</td>
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<td>107.2</td>
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<td>94</td>
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<tr>
<td>110.9</td>
<td>075</td>
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<td>114.8</td>
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<td>96</td>
</tr>
<tr>
<td>118.8</td>
<td>077</td>
<td>96</td>
</tr>
</tbody>
</table>

Weather Alert
To unlock the radio, press and hold until is no longer displayed.
## Warranty

**Consumer Two-Way Radio Products and Accessories purchased in the United States.**

**What Does this Warranty Cover?** Subject to the exclusions contained to the right, Giant International Ltd. warrants the Motorola branded consumer two-way radios that operate via Family Radio Service or General Mobile Radio Service that it manufactures (“Products”), the Motorola branded or certified accessories sold for use with these Products that it manufactures (“Accessories”) to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer’s exclusive remedy, and applies as follows to new Motorola branded Products and Accessories manufactured by Giant International Ltd., and purchased by consumers in the United States, which are accompanied by this written warranty:

**Who is covered?** This warranty extends only to the first consumer purchaser, and is not transferable.

**What will GIANT INTERNATIONAL LTD. do?** Giant International Ltd., at its option, will at no charge repair, replace or refund the purchase price of any Products or Accessories that does not conform to this warranty. We may use functionally equivalent reconditioned/ refurbished/pre-owned or new Products, Accessories or parts.

**How to Obtain Warranty Service or Other Information?** To obtain service or information, please call:

**USA Two-Way Radios**

1-800-638-5119
giantintl@callcenter.com

For Accessories, please call the telephone number designated above for the product with which they are used. You will receive instructions on how to ship the Products or Accessories at your expense, to a GIANT INTERNATIONAL LTD. Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

### Products Covered

<table>
<thead>
<tr>
<th>Products and Accessories</th>
<th>Length of Coverage</th>
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<tbody>
<tr>
<td>as defined above, unless otherwise provided for below.</td>
<td>One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.</td>
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</table>


<table>
<thead>
<tr>
<th>Accessory</th>
<th>Length of Coverage</th>
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</thead>
<tbody>
<tr>
<td>Repaired or Replaced</td>
<td>Ninety (90) days from the date of purchase by the first consumer purchaser of the product.</td>
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</table>

### Exclusions

**Normal Wear and Tear.** Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

**Batteries.** Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

**Abuse & Misuse.** Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola or Giant International Ltd., are excluded from coverage.

**Use of Non-Motorola branded Products and Accessories.** Defects or damage that result from the use of Non-Motorola branded or certified Products or Accessories or other peripheral equipment are excluded from coverage.

**Unauthorized Service or Modification.** Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, Giant International Ltd. or its authorized service centers, are excluded from coverage.

**Altered Products.** Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola branded housings, or parts, are excluded from coverage.

**Communication Services.** Defects, damages, or the failure of Products or Accessories due to any communication service or signal you may subscribe to or use with the Products or Accessories is excluded from coverage.

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