Read This Information Before Using Your Radio.

The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

Transmit and Receive Procedures

Two-way radio contains a transmitter and a receiver. To control your exposure and ensure compliance with the general population/controlled environment exposure limits, always adhere to the following procedures:

• Transmit no more than 50% of the time.
• To receive calls, release the Push-to-Talk (PTT) button.
• To transmit (talk), press the PTT button.

Exposure to Radio Frequency Energy

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

• American National Standards Institute (ANSI)/Institute of Electrical and Electronic Engineers (IEEE) C95.1-1992.
• Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition.
• International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998.
• Ministry of Health (Canada) Safety Code 6, Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 KHz to 300 GHz, 1999.

Important Information on Safe and Effective Operation

Your radio complies with the FCC/Health Canada RF exposure guidelines. If you use a radio or a device to which RF energy is transmitted, always place the radio in a Motorola-supplied or approved clip, holster, holder, case or beltclip. Use of non-Motorola accessories may exceed FCC/Health Canada RF exposure guidelines. If you do not use one of the Motorola-supplied or approved body-worn accessories and you 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, at any time, you make any data use of the radio with or without an access code, position the radio and its antennas at least one inch (2.5 cm) from the body.

Approved Accessories

STOR Remote Speaker with Push-to-Talk Microphone
3227: Earbud with Push-to-Talk Microphone
5307: Flexible Ear Receiver

Electromagnetic Interference/Compatibility

• Make sure your two-way radio is in a place that is shielded from electromagnetic interference (EMI) if it is not shielded, designed, or otherwise configured for electromagnetic interference use.

FacetWare

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

Antenna

When instructed to do so, turn off your radio when onboard an aircraft. Any use of a radio must be in accordance with regulations applicable to air personnel 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 and recommendations of the U.S. Food and Drug Administration.

People with pacemakers should:

• ALWAYS keep the radio at least 6 inches (15 cm) from their pacemaker when the radio is turned ON.
• Not carry the radio in their breast pocket.
• Use the opposite side of the pacemaker to minimize the potential for interference.

Transmission Interference

• Turn off your radio immediately if there is any reason to suspect that it is taking place.

Medical Devices – Hearing Aid

Some digital wireless radios may interfere with some hearing aids. In the event of interference, the user may need 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 whether 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 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 require.

For a list of authorized "In-Area" operations, please see the "Operation Details for Authorized In-Area Operations" section in the "Operating Instructions for Authorized In-Area Operations" section.

General Operating Precautions

Your Motorola radio operates on FRS/GMR frequencies in Canada in the two-way radio service for use by the general public. To do so, you must possess an FCC license to authorize transmission of signals that will be received by the FCC. You are responsible for following FCC rules. If you do not follow these rules, you may be subject to a fine or a stoppage of service.

Install the Batteries

Each radio uses one NIMH rechargeable battery pack or 3 AA alkaline batteries and keeps when the batteries are low.

Installing NIMH Rechargeable Battery Pack

1. Turn the radio off.
2. With the back of the radio facing you, lift the battery latch up to release the battery cover and remove the cover.
3. Insert the three alkaline batteries with + end first in the battery compartment.
4. Reposition the battery cover and press down to secure.

Installing the Three AA Alkaline Batteries (Optional Accessory)

1. Turn the radio off.
2. With the back of the radio facing you, lift the battery latch up to release the battery cover and remove the cover.
3. Insert the three alkaline batteries with + end first in the battery compartment.
4. Reposition the battery cover and press down to secure.

Radio Battery Meter

The radio battery meter shows the radio battery charge level, from full to empty. When the battery meter hits the low battery charge point, it will emit a low battery alert.

This radio does not have Interference Eliminator Codes. To communicate with radios that use interference eliminator codes, the interference eliminator Code must be set to 0.

Monitor Battery

Pressing and holding OFF for three seconds allows you to listen to the volume-level at the radio when you are not receiving. This allows you to adjust the volume, if necessary. You can also press and hold ON to check battery activity on the current channel before you talk.

Push-to-Talk/Timer Memory

The battery life is determined by the number of users and the number of users using the radio at any time. A longer talk time results in fewer users running at any given time (See Battery Life).
Keypad Lock

To avoid accidentally changing your radio settings you can lock your keypad:

1. Press and hold the PTT button for at least 2 seconds.

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

To select the radio, press and hold PTT for a few seconds until the top line begins to scroll through the channel.

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.

To start scanning:

1. Briefly press the PTT key. The scan will appear in the display and the radio will begin to scroll through the channels.
2. The radio detects a channel activity matching the channel, it stops scanning and you can hear the transmission.
3. To reappear and talk to the person transmitting, press PTT within five seconds after the end of the transmission.
4. The radio will resume scanning through the channels five seconds after the end of any received activity.
5. To stop scanning, briefly press the PTT key.

Scanning Notes

- If you press PTT 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 PTT at any time to scan any channel.
- If the radio stops on an unidentified transmission, you may immediately resume the scan by briefly pressing PTT.
- If the radio repeatedly stops on an unidentified transmission, you may temporarily remove that channel from the scan list by pressing and holding PTT for three seconds. You may remove more than one channel in this way.
- To restore the removed channel(s) to the scan list, turn the radio off and then back on, or wait up to 30 seconds before scanning.
- You can remove the home channel from the scan list.

Using WPT Accessories

You can transmit more reliably with the use of optional PTT headsets accessories. A PTT headset allows others to hear you while you're talking. Many accessories (sold separately) are available for your radio. For more information, visit our Web site at www.motorolasolutions.com or shop.motorola.com.

1. Turn the radio off and plug the PTT accessory into the accessory port.
2. Turn the radio on. You should now hear the PTT accessory microphone instead of the radio.
3. Adjust the volume appropriately by pressing PTT. Lower the volume before placing the accessory on your head or in your ear.

Note: The MD Series does not have VOX capability, and is only compatible with PTT headsets accessories.

Menu Options

Selecting the Channel

Your radio has 22 channels. The channel is the frequency your radio transmits to. (See Channels and Frequency Table below.)

1. Briefly press and release the channel number flash. If more than one channel is selected, press and hold the channel number flash.
2. Press (CLR) to select a channel.
3. Press (CLR) to confirm or to continue set up.

Channels and Frequencies

<table>
<thead>
<tr>
<th>Channel</th>
<th>Frequency (MHz)</th>
<th>Description</th>
<th>Channel</th>
<th>Frequency (MHz)</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
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<td>GMRS/FRS</td>
<td>12</td>
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<td>GMRS/FRS</td>
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<td>GMRS/FRS</td>
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<td>GMRS/FRS</td>
</tr>
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</table>

PTT

Your radio will save power by automatically turning itself off if unused after a predetermined amount of time. Available settings are 1, 3, 5, 10, 20, 30, 60, 90, 120, and 180 minutes.

1. Briefly press and release the PTT button. The screen shows the current setting.
2. Press and hold the PTT button. The screen displays the current setting.
3. Press (CLR) to set the time to 30 minutes, 60 minutes or 90 minutes.
4. When you exit the menu mode, the setting timer will begin if you are not using the radio.
5. The screen shows the PTT button.

User Interface

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 new Products, Accessories or parts.

How to Obtain Warranty Service or Other Information?

To obtain service or information, please call 1-800-GIM 5719

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 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; (d) applicable; (e) the name and location of the installation facility (if applicable) and, most importantly, (f) your address and telephone number.

Electronic Warranties

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