This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device does not cause harmful interference, and (2) this radio must accept any interference that may cause undesired operation.

To maintain compliance with FCC’s RF exposure guidelines, for body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with Midland Radio Corp. accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

In order to ensure that the battery pack is fully charged, it is recommended that the battery pack be charged for at least 12 hours with the radio turned OFF.

1. Only use our NiMH battery pack and AC adapter.
2. Do not attempt to charge alkaline batteries or any batteries or battery packs other than the one indicated in the manual.
3. This may cause leakage and damage to the radio.
4. For long-term storage of the radio, turn the radio OFF and remove the batteries from the radio.

LOW BATTERY LEVEL INDICATOR

When the battery voltage gets low, the LOW BATTERY ICON will blink along with the message “pt Lo” on the display. When using the rechargeable battery pack, the low battery icon will indicate that you are very close to the batteries being exhausted. When using AAA Alkaline batteries, the low battery icon means you have about 50% of battery life remaining.

OPERATING YOUR RADIO

POWER ON/OFF AND VOLUME

Press the POWER/MENU button for at least 3 seconds to turn the radio on/off. During Power On, the radio will beep 3 times with different tones, the LCD will display all icons for 1 second and the LCD display will indicate the last channel selected. To increase/decrease the volume level, press the up and down buttons during RX or STANDBY mode.

TRANSMITTING AND RECEIVING A CALL

To communicate, all radios in your group must be set to the same channel.
1. For maximum clarity, hold the radio at least 1 inch (2.5 cm) from your mouth.
2. Press and hold the PTT button and speak in a normal voice into the microphone. The TX icon will appear continuously on the LCD display while transmitting.
3. To receive a call, release the PTT button. The RX icon will appear on the display when your radio is receiving a transmission.

SCANNING

Your radio can scan all 22 channels for activity. To enter, quickly press the SCAN button. Repeat the same procedure to exit. Your radio will rapidly scan each of the 22 channels and stop on any active channel for 4 seconds before resuming scan.

When you press the PTT button to transmit on an active channel, the scanning function will stop and remain on the active channel. To resume scanning, quickly press the SCAN button.
MIDLAND

Your radio can transmit a call alert for a fixed length of time. To send a call alert, press the CALL button. The TX icon will appear while transmitting a call alert and a tone can be heard on the speaker for confirmation.

KEYPAD LOCK
To avoid accidentally changing the radio setting, press the LOCK button for 4 seconds. The KEY LOCK icon will appear on the display. PTT and CALL will still be active. Repeat the same procedure to unlock the keypad.

CHANNEL SELECTION (FRS BAND)
Press the MENU button once, then the ▲▼ buttons to select one of the 22 FRS channels. To confirm the selection, press the PTT button or press the MENU button again to move to the next feature setting.

TRANSMIT (TX) POWER LEVEL SELECTION
Your radio has 2 power level settings. To select the power level on channels 17 to 22, press the MENU button until a “P” icon appears on the display. Then press the ▲▼ buttons to select TRANSMIT POWER LEVEL icon (H: Hi/L: Lo). To confirm, press the PTT button or press the MENU button again to move to the next feature setting.

Silent Operation
Your radio has a SILENT OPERATION mode. In this mode, all beep “beeps” and tones are disabled. To turn the SILENT OPERATION mode on, press the MENU button until the display shows a “bP” icon while on the right of the “bP” display, an “oF” icon appears. Select “oF” by pressing the ▲▼ buttons and push the PTT key or the MENU button.

To turn the SILENT OPERATION mode off, press the MENU button until the display shows a “bP” icon while on the right of the “bP” display, an “oF” icon appears. Select “oF” by pressing the ▲▼ buttons and push the PTT key or the MENU button.

LIMITED WARRANTY (United States and Canada)
Subject to the exclusions set forth below, Midland Radio Corporation will repair or replace, at its option and without charge, any Midland FRS transceiver which fails due to a defect in material or workmanship within Three Years following the Initial consumer purchase of the equipment. This warranty does not apply to water damage, battery leak, abuse or misuse of unauthorized accessories, unauthorized service or modification or altered products. Accessories have a 90 day warranty from date of purchase, including any chargers, headphones, and antennas. This warranty does not include the cost of labor for removal or re-installation of the product in a vehicle or other mounting.

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED AS SET FORTH HEREIN AND TO THE DURATION OF THE LIMITED WARRANTY. OTHERWISE THE REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. THE EVENT SHALL MIDLAND BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE, STRICT LIABILITY, PROPERTY DAMAGE AND DEATH) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR ACCESSORY OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE PRODUCTS OR ACCESSORIES TO THE FULL EXTENT DAMAGES MAY BE DISCLAIMED BY LAW.

For Product Purchased in the USA:
Performance of any obligation under this warranty may be obtained by returning the warranted product, prepaid freight, along with proof of purchase to:
Midland Radio Corporation
Warranty Service Department
5900 Parrelta Drive
Kansas City, MO 64120

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Call: The above warranty applies only to merchandise purchased in the United States of America or any of the territories or possessions thereof, or from a U.S. Military exchange.

For Product Purchased in Canada:
Performance of any obligation under this warranty may be obtained by returning the warranted product, along with proof of purchase, to your place of purchase in Canada.

We reserve the right to discontinue any product listed in this manual. Please check with the Midland dealer from whom you purchased your radio for availability.

Specifications:
Channels: 22 FRS Channels
Operating Frequency: UHF 462.5000 - 467.125 MHz
4.4A Alkaline or 4.8V Rechargeable NiMH battery pack

Troubleshooting Guide
Problem
Solutions
No Power
Check battery installation and/or replace batteries

Cannot Receive
Messages
Confirms the radios have the same channel settings.

- Make sure that you are within range of the other transceivers.
- Buildings and other structures may interfere with your communication.

Radio is not responding to button presses
Make sure key lock is on (See Keypad Lock)
Radio might need to be reset. Turn radio off then on.

Display is dim
- Replace or replace batteries.

Charger not functioning
Contacts on the bottom of the radio may require cleaning.
- Ensure the outlet where the charger is plugged in is functioning properly.
- Check that the battery pack is installed in the radio properly.

Accessories

AVP1 - Over the Ear Headsets
AVP2 - Closed Face Headset Kit
AVP3 - Surveillance Headsets
AVP4 - Behind the Head Headsets
AVP6 - Chargers and Batteries
AVP7 - Camo Headsets with Boom Mic
AVP8 - Acoustic Throat Mic
AVPH2 - Over the Ear Headset
AVPH3 - Headsets
AVPH4 - Behind the Head Headsets
AVPH6 - Behind the Ear Headsets
AVPH7 - Camo Headsets with Boom Mic

Navigation:
- 2-Way Radios
- Weather Radios
- Business 2-Way Radios
- LXT/GXT
- 2-Way Radio
- Emergency Crash Radios
- CB Radios

Frs Frequency Chart (Mhz)

<table>
<thead>
<tr>
<th>Channel</th>
<th>Center Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>462.5000 MHz</td>
</tr>
<tr>
<td>2</td>
<td>462.5250 MHz</td>
</tr>
<tr>
<td>3</td>
<td>462.5500 MHz</td>
</tr>
<tr>
<td>4</td>
<td>462.5750 MHz</td>
</tr>
<tr>
<td>5</td>
<td>462.6000 MHz</td>
</tr>
<tr>
<td>6</td>
<td>462.6250 MHz</td>
</tr>
<tr>
<td>7</td>
<td>462.6500 MHz</td>
</tr>
<tr>
<td>8</td>
<td>462.6750 MHz</td>
</tr>
<tr>
<td>9</td>
<td>462.7000 MHz</td>
</tr>
<tr>
<td>10</td>
<td>462.7250 MHz</td>
</tr>
<tr>
<td>11</td>
<td>462.7500 MHz</td>
</tr>
<tr>
<td>12</td>
<td>462.7750 MHz</td>
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<tr>
<td>13</td>
<td>462.8000 MHz</td>
</tr>
<tr>
<td>14</td>
<td>462.8250 MHz</td>
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<tr>
<td>15</td>
<td>462.8500 MHz</td>
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<tr>
<td>16</td>
<td>462.8750 MHz</td>
</tr>
<tr>
<td>17</td>
<td>462.9000 MHz</td>
</tr>
<tr>
<td>18</td>
<td>462.9250 MHz</td>
</tr>
</tbody>
</table>

AVPH1 - Over the Ear Headsets
AVPH2 - Closed Face Headset Kit
AVPH3 - Surveillance Headsets
AVPH6 - Behind the Ear Headsets
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This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

IMPORTANT: Changes or modifications to this unit not expressly approved by MIDLAND RADIO CORP. could void your right to operate this unit.

Chargers and Accessories

* Channels 8-14 are low-power FRS channels.

IMPORTANT: This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.