



*X-TALKER*<sup>®</sup>  
**TWO-WAY RADIOS**

OWNER'S MANUAL



T290

[midlandusa.com](http://midlandusa.com)

## INTRODUCTION

Thank you for choosing the T290 radio from Midland Radio Corporation. Please read through this manual thoroughly to ensure you get peak performance from your radio. You can also find additional information about the T290 on our website at [midlandusa.com](http://midlandusa.com) or may contact our Customer Service team at (816) 241-8500 from 9 AM to 4 PM (CT) Monday through Friday for assistance.

### Features

- 22 GMRS Channels
- 14 Midland Preset Channels
- 121 Privacy Codes (38 CTCSS / 83 DCS)
- VOX
- 5 Selectable Call Alerts (5 additional Animal Sounds on T295)
- Vibrate Alert (T295 only)
- NOAA Weather Scan
- NOAA Weather Radio
- NOAA Weather Alert
- Scan Function
- Monitor Function
- Roger Beep Tone
- Silent Operation
- Key Pad Lock
- Power HI/MED/LO Settings
- Speaker / Microphone Jacks
- Battery Meter / Battery Low Indicator

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.

**IMPORTANT NOTICE, FCC LICENSE REQUIRED FOR GMRS OPERATION****(Only Applicable for GMRS Radio Use in the United States)**

The radios operate on GMRS (General Mobile Radio Service) frequencies which require an FCC (Federal Communications Commission) license. You must be licensed prior to operating on channels 1 - 7 or 15 - 22, which comprise the GMRS channels of the radios. Serious penalties could result from unlicensed use of GMRS channels, in violation of FCC rules, as stipulated in the Communications Acts Sections 501 and 502 (amended).

You will be issued a call sign by the FCC which should be used for station identification when operating the radio on GMRS channels. You should also cooperate by engaging in permissible transmissions only, avoiding channel interference with other GMRS users, and being prudent with the length of your transmission time.

To obtain a license or ask questions about the license application, contact the FCC at 1-888-CALL FCC or go to the FCC's website:

<http://www.fcc.gov> and request form 605.

**FCC Warning**

Operation is subject to the following two conditions:

- 1) This device may not cause interference.
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.

**Exposure To Radio Frequency Energy**

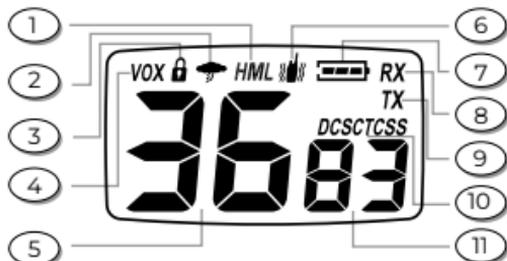
Your Midland radio is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy:

- United States Federal Communications Commission, Code of Federal Regulations: 47 CFR part 2 sub-part J
- American National Standards Institute (ANSI)/Institute of Electrical & Electronic Engineers (IEEE) C95.1-1992
- Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition
- National Council on Radiation Protection and Measurements (NCRP) of the United States, Report 86, 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998

**RF Exposure Compliance Statement and Operating Instruction**

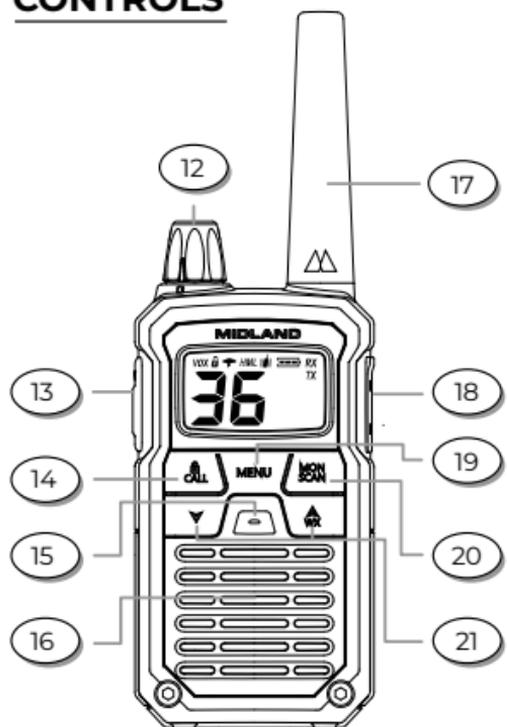
The device has been tested against the SAR limit (1.6W/kg). The highest SAR value reported under this standard during product certification for use at the Face up is 0.097W/kg and when properly worn on the body is 0.117W/kg. This device was tested for typical operations. The device only supports simplex-mode and transmitting is no more than the rated duty cycle factory of 50% of the time. For hand-held operation, the radio should be held at least 1 inch from the user's face. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with the RF exposure requirements, and should be avoided. Use only the supplied or an approved antenna.

## LCD DISPLAY



- 1. TRANSMIT POWER LEVEL ICON** – Indicates TX Power setting (H/M/L).
- 2. NOAA WEATHER (WX) BAND ICON** – Indicates when the radio is in Weather Band mode.
- 3. KEY LOCK ICON** – Indicates KEY LOCK mode is on.
- 4. VOX ICON** – Indicates when VOX mode is active.
- 5. CHANNEL NUMBER** – Changes from 1~36 on GMRS band (1~10 on WX band).
- 6. VIBRATE ALERT ICON** – Indicates when the Vibrate-Alert feature is on (Model T295 only).
- 7. BATTERY METER** – Indicates the battery level.
- 8. RECEIVE (RX) ICON** – Indicates radio is receiving a transmission.
- 9. TRANSMIT (TX) ICON** – Indicates radio is transmitting a signal.
- 10. PRIVACY CODE ICON** – Indicates Privacy Code setting (CTCSS/DCS).
- 11. PRIVACY CODE** – Indicates Privacy Code selected by user (oF~38/oF~83). It can only be set on Ch 1~22.

## CONTROLS



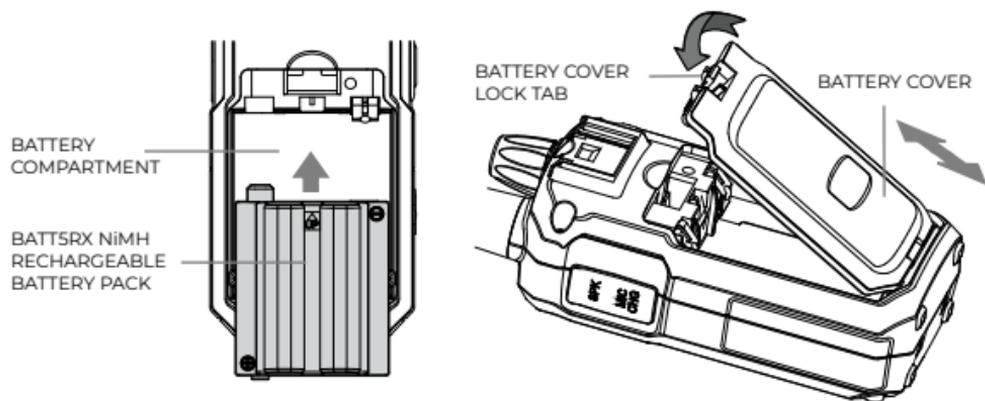
- 12. POWER/VOLUME KNOB** – Turn clock-wise to turn the power on and increase the volume level. Turn counter-clockwise to decrease the volume level and turn the power off.
- 13. PTT Button** – Press and hold to transmit voice communication.
- 14. CALL/LOCK Button** – Press to send a CALL ALERT signal. Press and hold to turn KEY LOCK on/off.
- 15. MIC** – Built-in microphone.
- 16. SPEAKER** – Built-in speaker.
- 17. ANTENNA**
- 18. EXTERNAL SPEAKER/MIC JACK**
- 19. MENU Button** – Press momentarily to access Menu mode.
- 20. MONITOR/SCAN Button** – Press to enter SCAN mode. Press and hold to enter MONITOR mode.
- 21. UP ▲ / WX SCAN and DOWN ▼ Buttons** Make adjustments in MENU mode. Press and hold the UP button for 5 seconds to activate the NOAA Weather Scan function.

## BATTERY INSTALLATION

Your radio operates with a rechargeable NiMH battery pack (BATT5RX). The belt clip should be removed (see below) to ease installation or removal of the battery pack.

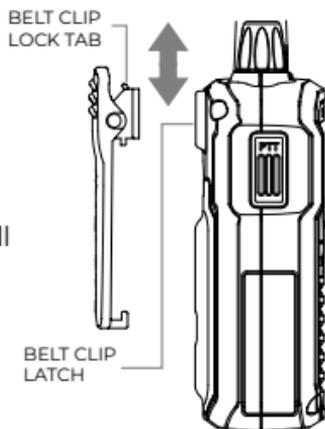
To install the battery pack:

1. With the back of the radio facing you, remove the belt clip (see diagram below) for easy access, then remove the Battery Cover by pulling down the Battery Cover Lock Tab and lifting up the Battery Cover from the radio.
2. Insert the battery pack observing the polarity as shown. Installing the batteries incorrectly will prevent the radio from operating or may damage the radio.
3. Return the Battery Cover by sliding it down on the radio and push down the Battery Cover Lock Tab until it locks into place. Replace the belt clip, making sure it locks into place.



## INSTALLING THE BELT CLIP

To install the **BELT CLIP**, slide the clip down into the slot on the back of the radio until the **BELT CLIP LATCH** clicks. To remove the **BELT CLIP**, pull the **LOCK TAB** away from the radio, then gently pull the belt clip up toward the top of the radio.



## **CHARGING THE BATTERY PACK**

Your radios are equipped for using a rechargeable NiMH battery pack which can be recharged using a desktop charger (as described below). While charging, the Battery Meter will flash from 1 to 3 bars. The Battery Meter will stop flashing when charging is complete. For maximum battery life, Midland recommends charging the battery pack when the low battery icon comes on. Remove the radios from the charger when the charging is finished.

### **To charge using the Desktop Charger:**

1. Place the rechargeable battery packs in the radios.
2. Connect the AC adapter into an AC wall outlet.
3. Insert the AC adapter plug into the desktop charger jack.
4. Place the radios into the desktop charger slot. While charging, the Battery Meter will flash from 1 to 3 bars, and stop flashing when charging is finished.

**In order to ensure that the battery pack is fully charged, it is recommended that the battery pack be charged with the radio turned OFF.**

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

## **BATTERY LEVEL INDICATOR**

Your radio has a **BATTERY LEVEL METER**  that shows the battery power level. The greater the number of bars visible, the stronger the battery level. When the battery level is low, the **Battery Shell**  icon and "bt Lo" will flash in the display indicating your battery pack should be replaced or recharged.

## OPERATING YOUR RADIO

### POWER ON/OFF AND VOLUME

Rotate the **POWER/VOLUME** knob clockwise to turn the radio on and increase the volume level. Rotate the control counter-clockwise to reduce the volume level and to turn the radio off. During Power On, the radio will beep 2 times with different tones, the LCD will display all icons for 1 second and the LCD display will indicate the last channel selected.

### RESTORING YOUR RADIO TO THE ORIGINAL SETTING

To reset your radio to the original (default) setting, turn on the radio while pressing and holding the **▲** button. The LCD display will briefly show the firmware version number and then reset to standby mode on channel 1 with no Privacy Code.

### TRANSMITTING AND RECEIVING A CALL

To communicate, all radios in your group must be set to the same channel and/or Privacy Code.

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.

### ABOUT RANGE

Your radios are designed to give you maximum range under optimum conditions.



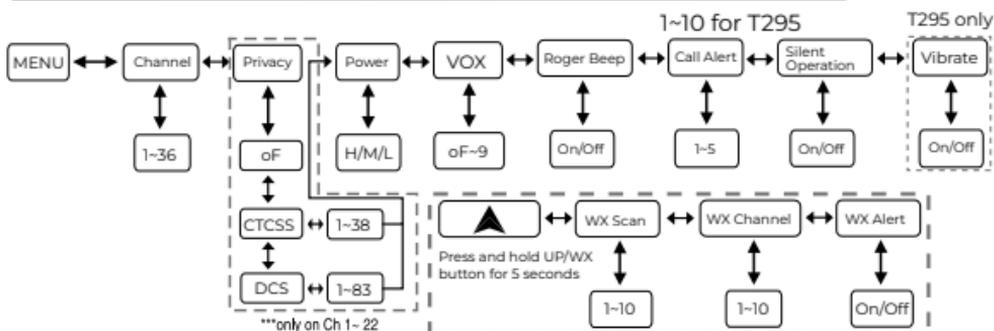
Optimum Conditions are:

- Over water
- Open rural areas without obstructions
- Flat areas where you can see the other person

To ensure you get maximum range:

- Be sure to use fresh or fully charged batteries - low batteries will cause low power conditions.
- Be sure you are on a GMRS only channel - channels 8 through 14 are restricted by the FCC to low power.
- Be sure to set your radio to use Hi power.

## T290/295 SERIES QUICK REFERENCE CHART



## MONITOR

Pressing and holding the **MONITOR** button for 3 seconds will let you hear noise so you can adjust the volume level of the radio when not receiving a signal. This could also be used to check any activity on your current channel before transmitting.

Press and hold the **MONITOR** button for 3 seconds again to get out of **MONITOR** mode.

## SCAN

Your radio can scan all 36 channels for activity. To enter, quickly press the **SCAN** button. Repeat the same procedure to exit. Your radio will rapidly scan each of the 36 channels and stop on any active channel for 6 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.

## **CALL ALERT**

Your radio can transmit a call alert. 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. The T290 radio has 5 call alert selections while the T295 has 10 call alerts including 5 "animal sound" call alerts - **Cougar, Duck, Crow, Wolf, and Turkey**.

## **KEYPAD LOCK**

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

## **CHANNEL SELECTION (GMRS BAND)**

Press the **MENU** button once, and then the  $\swarrow$ / $\searrow$  buttons to select one of the 36 GMRS channels. To confirm the selection, press the **PTT** button or press the **MENU** button again to move to the next feature setting.

## **SETTING PRIVACY CODES**

Your radio has 121 **Privacy Codes** available. The selected Privacy Code may be different for each channel. To select a Privacy Code for the current channel press the **MENU** button twice, and then the  $\blacktriangle$ / $\blacktriangledown$  buttons to select between **Off/CTCSS/DCS**. Press the **MENU** button again and the  $\blacktriangle$ / $\blacktriangledown$  buttons to select one of the 38 **CTCSS Codes** or one of the 83 **DCS Codes**. The **Privacy Code** icon on the display will indicate whether you set your Privacy Code in **CTCSS** or **DCS** mode. To confirm the selection, press the **PTT** button or press the **MENU** button again to move to the next feature setting.

**Note:** If you select a **CTCSS** Privacy Code, any previously selected **DCS** Privacy Code will be cancelled and vice-versa. Selecting a Privacy Code of "oF" will disable the Privacy feature. To communicate between two radios, all radios in your group must be set to the same channel and/or Privacy Code selections. **The Privacy Code can only be set in channels 1~22.**

## TRANSMIT (TX) POWER LEVEL SELECTION

Your radio has 3 power level settings. To select the power level on channels 1~7 and 15~36, press the **MENU** button until a "Pr" icon will appear blinking on the display. Then press the ▲\▼ buttons to select **TRANSMIT POWER LEVEL** icon, "H" for high, "M" for medium, and "L" for low power. To confirm, press the **PTT** button or press the **MENU** button again to move to the next feature setting. **When the PTT button is pressed during Low Battery Level condition, the TX Power will automatically switch from Hi(H) or Med(M) to Lo(L) level.**

- **Note :** You cannot adjust the power setting on channels 8 through 14. These channels are set to Low power per FCC regulations.

## VOX (HANDS-FREE TRANSMISSION)

Your radio has 9 **VOX** level settings: (oF/1~9).

To set **VOX**, press the **MENU** button until the display shows "VOX". On the right of the **CHANNEL NUMBER** display, an "oF" icon appears. Select "1" ~ "9" by pressing the ▲\▼ buttons and push the **PTT** key, or press the **MENU** button again to move to the next feature setting. **VOX** will be more sensitive on the lower setting than on the higher setting. To turn **VOX** off, press the **MENU** button until the display shows "VOX". On the right of the **CHANNEL NUMBER** display, a "1" ~ "9" icon appears. Select "oF" by pressing the ▲\▼ buttons and push the **PTT** key, or press the **MENU** button again to move to the next feature setting.

## ROGER BEEP (END OF TRANSMISSION) TONE

When the **PTT** button is released, the radio will beep to confirm to other users that your transmission has finished.

To set the **ROGER BEEP** tone, press the **MENU** button until the display shows an "rb" icon. Select "on" or "oF" by pressing the ▲\▼ buttons and push the **PTT** key, or press the **MENU** button to move to the next feature setting.

## CALL ALERT SELECTION

Your radio has 5 selectable **CALL ALERTS** (10 for **T295**). To select, press the **MENU** button until a “CA” icon appears and to the right of the “CA” icon the current **CALL ALERT** setting is displayed. Then press the ▲\▼ buttons to make the **CALL ALERT** selections, and the radio will emit a corresponding tone for each selection. To confirm, press the **PTT** button or press the **MENU** button to move to the next feature setting.

## SILENT OPERATION

Your radio has a **SILENT OPERATION** mode. In this mode, all “beeps” and “tones” are disabled.

To set the **SILENT OPERATION**, press the **MENU** button until the display shows a “bP” icon. Select “on” or “oF” by pressing the ▲\▼ buttons and push the **PTT** key or **MENU** button.

## VIBRATE ALERT (MODEL T295 ONLY)

To set the **VIBRATE ALERT**, press the **MENU** button until the display shows the  icon. Select “on” or “oF” by pressing the ▲\▼ buttons and push the **PTT** button, or press the **MENU** button. The  icon will remain on the display if set to “on”.

## NOAA WEATHER RADIO/SCAN

Your radio has a **NOAA WEATHER RADIO** function to enable the user to receive weather reports from designated NOAA stations.

Your radio also has a **NOAA WEATHER SCAN** function to enable the user to scan all 10 channels of the **NOAA WEATHER RADIO**. To turn the **NOAA WEATHER SCAN** on, press and hold the **WX/▲** button for 5 seconds while in **GMRS** mode. The radio will go to **WX Band** mode and start scanning all 10 channels and stop on any active channel. When the channel becomes inactive for 10 seconds the radio will resume scanning.

To stop the **NOAA WEATHER (WX) SCAN** and set the channel manually on the **WX Band**, press the **MENU** button during **NOAA WEATHER (WX) SCAN**. The radio will stop scanning and the display will show the current **WX Band** channel setting. While on **WX Band** mode press the ▲\▼ buttons to select one of the 10 **NOAA WEATHER (WX) BAND** channels.

To confirm, press the **PTT** button or press the **MENU** button to move to the next feature setting.

To turn the **NOAA WEATHER RADIO** off, press the **PTT** button. The current GMRS radio setting will be displayed and the  icon will go off.

## **NOAA WEATHER ALERT**

Your radio has a **NOAA WEATHER ALERT** function, to enable you to automatically receive weather alerts from designated **NOAA** stations. The **NOAA WEATHER (WX) ALERT** is automatically on during **NOAA WEATHER SCAN** mode.

To turn the **NOAA WEATHER (WX) ALERT** on during normal **NOAA WEATHER RADIO** mode, press the **MENU** button twice while in **NOAA WEATHER SCAN** mode. The display shows "AL," while on the right an "oF" icon appears. Select "on" by pressing the   buttons. To confirm, press the **PTT** button or press **MENU**. The radio will return to **WX BAND** and the  icon will blink. If the radio receives a **WX ALERT** signal from a designated **NOAA** station while on GMRS Radio mode, the radio will beep for 20 seconds while an "AL" and "In" icon will appear on the display, after which it will automatically go to **WX BAND**.

If any button is pressed during beeping while on FRS Radio mode, the radio will automatically go to **WX BAND**.

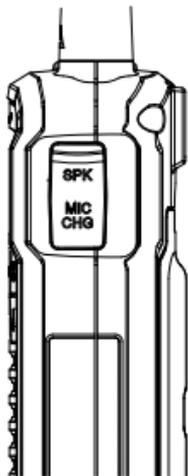
To turn the **NOAA WEATHER (WX) ALERT** off, press the **MENU** button twice while in **WX Band**. The display shows "AL," while on the right an "on" icon appears. Select "oF" by pressing the   buttons. To confirm, press the **PTT** button or press **MENU**.

**! Note : The WX Alert is automatically ON during WX SCAN mode.**

## **EXTERNAL SPEAKER/MICROPHONE JACK**

Your radio can be used with an optional external speaker/microphone or headset, freeing your hands for other tasks. To use an optional speaker/microphone or headset:

- Insert the plug(s) into the **SPK/MIC** jacks.
- Place the earbud into your ear, and adjust the mic into your desired position.



**IMPORTANT:** Changes or modifications to this unit not expressly approved by **MIDLAND RADIO CORP.** could void your right to operate this unit. Your radio is set up to transmit a regulated signal on an assigned frequency. It is against the law to alter or adjust the settings inside the COMMUNICATOR to exceed those limitations. Any adjustment to your radio must be made by qualified technicians.

## TROUBLESHOOTING GUIDE

| PROBLEM                                   | SOLUTION  |
|---|---|
| No Power                                  | - Check battery installation and/or replace batteries.  |
| Cannot Receive Messages                   | - Confirm the radios have the same channel settings.<br>- Make sure that you are within range of the other transceivers.<br>- Buildings and other structures may interfere with your communication.<br><b>(See ABOUT RANGE on Page 7)</b> |
| Radio is Not Responding to Button Presses | - Make sure key lock is <b>not</b> on <b>(See KEYPAD LOCK on Page 9)</b> .<br>- Radio might need to be reset. Turn radio off then on.   |
| Display is Dim                            | - Recharge or replace batteries.  |
| Charger Not Functioning                   | - Contacts on the bottom of the radio may require cleaning.<br>- Ensure the outlet where the charger is plugged in is functioning properly.<br>- Check that the battery pack is installed in the radio properly.                          |

## USE AND CARE

1. Use a soft damp cloth to clean the radio
2. **Do not** use alcohol or cleaning solutions to clean the radio.
3. **Do not** immerse the radio in water.
4. Dry the radio with a dry lint-free cloth should it get wet.
5. Turn off the radio and remove the batteries during long-term storage.

If you have a problem which you believe requires service, please call first and speak with a service technician at 816-241-8500. Many problems can be remedied over the phone without returning the unit for service.

**SPECIFICATIONS**

|                            |  |
|----------------------------|--|
| <b>Channels</b>            | 22 GMRS Channels + 121 Privacy Codes<br>14 Midland Preset Channels<br>10 NOAA Weather (WX) Band Channels |
| <b>Operating Frequency</b> | UHF 462.5500 ~ 467.7125 MHz  |
| <b>Power Source</b>        | 6.0V Rechargeable NiMH battery pack  |

**GMRS FREQUENCY CHART (MHz)**

| CH. No | CH. Freq. | CH. No | CH. Freq. | CH. No | CH. Freq. |
|--------|-----------|--------|-----------|--------|-----------|
| 1      | 462.5625  | 9      | 467.5875  | 17     | 462.6000  |
| 2      | 462.5875  | 10     | 467.6125  | 18     | 462.6250  |
| 3      | 462.6125  | 11     | 467.6375  | 19     | 462.6500  |
| 4      | 462.6375  | 12     | 467.6625  | 20     | 462.6750  |
| 5      | 462.6625  | 13     | 467.6875  | 21     | 462.7000  |
| 6      | 462.6875  | 14     | 467.7125  | 22     | 462.7250  |
| 7      | 462.7125  | 15     | 462.5500  |        |           |
| 8      | 467.5625  | 16     | 462.5750  |        |           |

\* Channels 8~14 are low-power FRS channels

**MIDLAND PRESET CHANNELS**

| Midland Preset Channel | Frequency | GMRS Channel | Privacy Code |
|------------------------|-----------|--------------|--------------|
| Channel 23             | 462.5625  | 1            | CTCSS 38     |
| Channel 24             | 462.6125  | 3            | CTCSS 35     |
| Channel 25             | 462.6625  | 5            | CTCSS 32     |
| Channel 26             | 462.7125  | 7            | CTCSS 29     |
| Channel 27             | 462.5500  | 15           | CTCSS 26     |
| Channel 28             | 462.6000  | 17           | CTCSS 23     |
| Channel 29             | 462.6500  | 19           | CTCSS 20     |
| Channel 30             | 462.7000  | 21           | CTCSS 17     |
| Channel 31             | 462.5875  | 2            | DCS 1        |
| Channel 32             | 462.6375  | 4            | DCS 4        |
| Channel 33             | 462.6875  | 6            | DCS 7        |
| Channel 34*            | 467.5625  | 8            | DCS 10       |
| Channel 35*            | 467.6125  | 10           | DCS 13       |
| Channel 36*            | 467.6625  | 12           | DCS 16       |

\* Channels 23 ~ 36 are GMRS channels with pre-set Privacy Codes

\* Channels 34 ~ 36 are low power GMRS channels

**NOAA WEATHER (WX) RADIO FREQUENCY CHART (MHz)**

| CH. No | CH. Freq. | CH. No | CH. Freq. |
|--------|-----------|--------|-----------|
| 1      | 162.550   | 6      | 162.500   |
| 2      | 162.400   | 7      | 162.525   |
| 3      | 162.475   | 8      | 161.650   |
| 4      | 162.425   | 9      | 161.775   |
| 5      | 162.450   | 10     | 163.275   |

\* Channel 8, 9 and 10 are designated Canadian Marine Frequencies

**PRIVACY CODES FREQUENCY CHART (Hz)**

| Code | Freq. |
|------|-------|------|-------|------|-------|------|-------|------|-------|
| 1    | 67.0  | 9    | 91.5  | 17   | 118.8 | 25   | 156.7 | 33   | 210.7 |
| 2    | 71.9  | 10   | 94.8  | 18   | 123.0 | 26   | 162.2 | 34   | 218.1 |
| 3    | 74.4  | 11   | 97.4  | 19   | 127.3 | 27   | 167.9 | 35   | 225.7 |
| 4    | 77.0  | 12   | 100.0 | 20   | 131.8 | 28   | 173.8 | 36   | 233.6 |
| 5    | 79.7  | 13   | 103.5 | 21   | 136.5 | 29   | 179.9 | 37   | 241.8 |
| 6    | 82.5  | 14   | 107.2 | 22   | 141.3 | 30   | 186.2 | 38   | 250.3 |
| 7    | 85.4  | 15   | 110.9 | 23   | 146.2 | 31   | 192.8 |      |       |
| 8    | 88.5  | 16   | 114.8 | 24   | 151.4 | 32   | 203.5 |      |       |

Note: Privacy codes can be programmed for use on Channels 1~22 only

**DCS PRIVACY CODE CHART**

| No. | CODE | No. | CODE | No. | CODE |
|-----|------|-----|------|-----|------|
| 1   | 023  | 29  | 174  | 57  | 445  |
| 2   | 025  | 30  | 205  | 58  | 464  |
| 3   | 026  | 31  | 223  | 59  | 465  |
| 4   | 031  | 32  | 226  | 60  | 466  |
| 5   | 032  | 33  | 243  | 61  | 503  |
| 6   | 043  | 34  | 244  | 62  | 506  |
| 7   | 047  | 35  | 245  | 63  | 516  |
| 8   | 051  | 36  | 251  | 64  | 532  |
| 9   | 054  | 37  | 261  | 65  | 546  |
| 10  | 065  | 38  | 263  | 66  | 565  |
| 11  | 071  | 39  | 265  | 67  | 606  |
| 12  | 072  | 40  | 271  | 68  | 612  |
| 13  | 073  | 41  | 306  | 69  | 624  |
| 14  | 074  | 42  | 311  | 70  | 627  |
| 15  | 114  | 43  | 315  | 71  | 631  |
| 16  | 115  | 44  | 331  | 72  | 632  |
| 17  | 116  | 45  | 343  | 73  | 654  |
| 18  | 125  | 46  | 346  | 74  | 662  |
| 19  | 131  | 47  | 351  | 75  | 664  |
| 20  | 132  | 48  | 364  | 76  | 703  |
| 21  | 134  | 49  | 365  | 77  | 712  |
| 22  | 143  | 50  | 371  | 78  | 723  |
| 23  | 152  | 51  | 411  | 79  | 731  |
| 24  | 155  | 52  | 412  | 80  | 732  |
| 25  | 156  | 53  | 413  | 81  | 734  |
| 26  | 162  | 54  | 423  | 82  | 743  |
| 27  | 165  | 55  | 431  | 83  | 754  |
| 28  | 172  | 56  | 432  | -   | -    |

Note: Privacy codes can be programmed for use on Channels 1~22 only

**LIMITED WARRANTY (UNITED STATES)**

Subject to the exclusions set forth below, Midland Radio Corporation will repair or replace, at its option without charge, any Midland FRS/GMRS which fails due to a defect in material or workmanship within One Year following the initial consumer purchase.

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 charge cables or batteries.

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. IN NO EVENT SHALL MIDLAND BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE, GROSS NEGLIGENCE, BODILY INJURY, 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 OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR ACCESSORIES TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

For Product Purchased in the USA contact [support@midlandradio.com](mailto:support@midlandradio.com).

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

Note: 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.

To register your product for a warranty claim, please visit

<https://midlandusa.com/apps/product-registration> and contact Customer Experience at [support@midlandradio.com](mailto:support@midlandradio.com) for any additional assistance.

**Midland Radio Corporation**  
**Warranty Service Department**  
5900 Parretta Drive,  
Kansas City, MO 64120

## ACCESSORIES

Accessories can be purchased at [midlandusa.com](http://midlandusa.com).



### AVP1

- Over-the Ear Headsets



### AVPH4

- Wrap-Around-the-Ear Headsets



### AVP17

- Rechargeable Battery Packs



### AVPH5

- Behind-the-Head Headsets



### AVPH2

- Closed Face Helmet Headset Kit



### AVPH8

- Acoustic Throat Mic



### AVPH3

- Surveillance Headsets



### AVPH10

- Shoulder Speaker Mic



We'd love to hear from you! Let us know what you think of your new Midland product at



or by visiting us at  
[midlandusa.com](http://midlandusa.com)

Note: Features & Specifications are subject to change without notice. MIDLAND is not responsible for unintentional errors or omissions on its packaging. MIDLAND promotes environmental sustainability by providing battery recycling. Call 1.800.822.8837 for the nearest drop off site to you.