Midland GXT1050VP4

Midland GXT1050VP4 GMRS Two-Way Radio User Manual

Model: GXT1050VP4

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Midland GXT1050VP4 GMRS Two-Way Radio. Please read this manual thoroughly before using your radios to ensure optimal performance and safety. The Midland GXT1050VP4 offers reliable communication with 50 GMRS channels, extended range capabilities, and NOAA weather alerts, making it suitable for various outdoor activities.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Midland GXT1050VP4 GMRS Two-Way Radios (2 units)
- Rechargeable NiMH Battery Packs (2 units)
- Desktop Charger
- AC Wall Adapter
- DC Vehicle Adapter
- Boom Mic Headsets (2 units)
- Belt Clips (2 units)
- Owner's Manual

Image: Contents of the Midland GXT1050VP4 package, including two radios, two rechargeable battery packs, a desktop charger, AC and DC adapters, and two boom mic headsets.

3. SETUP

3.1. Battery Installation and Charging

1. **Install Battery Pack:** Remove the battery compartment cover on the back of the radio. Insert the provided rechargeable NiMH battery pack, ensuring correct polarity. Replace the cover securely. Alternatively, you may use 4 AA alkaline batteries (not included) per radio.

2. **Charge Battery Pack:** Place the radios into the desktop charger. Connect the AC wall adapter or DC vehicle adapter to the charger and a power source. The charging indicator light will illuminate. Allow approximately 12-14 hours for a full charge. For initial use, charge the battery pack for a full 24 hours.

Image: Two Midland GXT1050VP4 radios seated in their desktop charging base, indicating the charging process.

3.2. Attaching the Belt Clip

Align the belt clip with the grooves on the back of the radio and slide it down until it clicks into place. To remove, lift the tab on the belt clip and slide it upwards.

3.3. Attaching the Headset

Insert the headset plug into the audio jack located on the side of the radio. Ensure the plug is fully inserted for proper operation.

4. OPERATING INSTRUCTIONS

4.1. Controls and Display

Image: Diagram illustrating the various controls and display elements of the Midland GXT1050VP4 radio, including the Push-to-Talk button, Channel Display, VOX indicator, Battery Meter, NOAA Weather Scan, Animal Call Alerts, Silent Operation, and SOS button.

4.2. Power On/Off and Volume

- **Power On:** Rotate the ON/OFF/VOLUME knob clockwise until you hear a click.
- **Power Off:** Rotate the ON/OFF/VOLUME knob counter-clockwise until you hear a click.
- **Adjust Volume:** Rotate the ON/OFF/VOLUME knob to increase or decrease the listening volume.

4.3. Channel Selection

Your radio has 50 GMRS channels. To change channels:

1. Press the **MENU/WX** button once. The channel number will flash.
2. Use the **UP** or **DOWN** buttons to select your desired channel.
3. Press the **PTT** button to confirm the selection and exit the menu, or press **MENU/WX** again to move to the next setting.

4.4. Transmitting and Receiving

- **To Transmit:** Press and hold the **PTT** (Push-to-Talk) button. Speak clearly into the microphone. Release the **PTT** button to listen.
- **To Receive:** Ensure the **PTT** button is not pressed. The radio will automatically receive signals on the selected channel.

4.5. Privacy Codes (CTCSS/DCS)

The GXT1050VP4 offers 142 privacy codes (38 CTCSS and 104 DCS) to minimize interference from other users on the same channel. When a privacy code is set, you will only hear transmissions from users who are transmitting on the same channel and with the same privacy code.

1. Press the **MENU/WX** button twice to enter the privacy code setting. The current privacy code will flash.
2. Use the **UP** or **DOWN** buttons to select your desired privacy code.
3. Press the **PTT** button to confirm and exit, or **MENU/WX** to proceed.

4.6. NOAA Weather Scan & Alert

The radio can scan 10 NOAA weather band channels and alert you to severe weather. This feature is crucial for outdoor safety.

- **Weather Scan:** Press and hold the **MENU/WX** button to activate NOAA Weather Scan. The radio will scan for the strongest weather channel.
- **Weather Alert:** When Weather Alert is enabled (via the menu), the radio will automatically monitor the selected weather channel and alert you to severe weather broadcasts, even if you are on a GMRS channel.

4.7. VOX/EVOX Hands-Free Operation

VOX (Voice Operated Exchange) allows hands-free transmission. EVOX offers 9 sensitivity levels for precise voice activation.

1. Press the **MENU/WX** button until the VOX icon flashes.
2. Use the **UP** or **DOWN** buttons to select the desired sensitivity level (1-9, with 9 being most sensitive) or turn VOX off.
3. Press the **PTT** button to confirm and exit.

4.8. Channel Scan

The Channel Scan feature allows you to monitor all 50 GMRS channels for activity.

- Press the **MON/SCAN** button once to activate Channel Scan. The radio will scan through channels and stop on any active channel.
- Press **MON/SCAN** again to stop scanning.

4.9. SOS Function

The SOS function sends out a distress signal in emergency situations.

- Press the **SOS** button to activate an audible distress tone and transmit it on the current channel.
- Press any button to cancel the SOS transmission.

4.10. Animal Call Alerts

The radio includes 5 selectable animal call alerts for specific uses.

1. Press the **CALL** button to cycle through the available animal call tones.

2. Release the button on the desired tone to transmit it.

4.11. Vibrate Alert

For discreet alerts, the radio features a vibrate mode.

- Access the vibrate setting through the **MENU/WX** button.
- Enable or disable the vibrate alert as needed.

5. MAINTENANCE

5.1. Cleaning

Clean the radio with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the radio is dry before use or charging.

5.2. Battery Care

- Do not overcharge NiMH battery packs.
- If storing the radio for extended periods, remove the battery pack.
- Dispose of old batteries according to local regulations.

5.3. Storage

Store the radio in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing near corrosive materials.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Batteries are dead or incorrectly installed.	Recharge or replace batteries. Check battery orientation.
Cannot Transmit or Receive	Different channels or privacy codes. Out of range.	Ensure both radios are on the same channel and privacy code. Move closer to the other radio.
Poor Audio Quality	Low battery. Obstructions. Volume too low.	Charge batteries. Move to an open area. Adjust volume.
Weather Alert Not Working	Weather Alert feature is disabled. No NOAA signal.	Enable Weather Alert in the menu. Move to an area with better NOAA reception.
VOX Not Activating	VOX sensitivity too low.	Increase VOX sensitivity level in the menu.

7. SPECIFICATIONS

- **Model:** GXT1050VP4
- **Channels:** 50 GMRS Channels
- **Privacy Codes:** 142 (38 CTCSS, 104 DCS)
- **Frequency Range:** 462-467 MHz

- **Talking Range:** Up to 36 Miles (optimal conditions)
- **Power Source:** Rechargeable NiMH Battery Pack (included) or 4 AA Alkaline Batteries (not included)
- **Voltage:** 6 Volts
- **Water Resistance:** JIS4 Splash-Resistant
- **Display Type:** LCD
- **Dimensions:** 9.75 x 2.5 x 1.75 inches
- **Weight:** 4.8 ounces (per radio with battery)
- **Special Features:** NOAA Weather Scan & Alert, VOX/EVOX, Channel Scan, Animal Call Alerts, SOS Function, Vibrate Alert

8. WARRANTY AND SUPPORT

8.1. Limited Warranty

Midland provides a **1 Year Limited Warranty** for the GXT1050VP4 GMRS Two-Way Radio from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For full warranty details and exclusions, please refer to the official Midland website or contact customer support.

8.2. Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Midland Customer Support:

- **Website:** Visit the official Midland website for FAQs and support resources.
- **Phone:** Refer to your product packaging or the Midland website for current contact numbers.
- **Email:** Contact customer service via email for non-urgent inquiries.

Please have your model number (GXT1050VP4) and proof of purchase ready when contacting support.