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› Midland MXT115AGVP3 GMRS MicroMobile Two-Way Radio User Manual

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Model: MXT115AGVP3

Brand: Midland

INTRODUCTION

The Midland MXT115AGVP3 is a 15-watt GMRS MicroMobile Two-Way Radio designed for reliable communication in various environments, including off-roading, outdoor activities, and farm operations. This bundle includes an extended-range 3dB gain Ghost Antenna, antenna cable, and mounting bracket, making it ideal for tractor and vehicle installations. It offers clear communication, weather alerts, and a compact design for ease of use and installation.

WHAT'S IN THE BOX

Your Midland MXT115AGVP3 package includes the following components:

- Midland MXT115 MicroMobile Two-Way Radio
- 3dB gain Ghost Antenna
- Antenna Cable (6-meter / 20ft)
- Mounting Bracket
- Microphone Holder
- 12V Power Cord with Car Power Adapter
- Detachable Antenna with Magnetic Mount (as shown in some diagrams)

IN THE BOX

EASY INSTALL, RELIABLE COMMUNICATION



Figure 1: All components included in the Midland MXT115AGVP3 package.

SETUP

1. **Mounting the Radio:** Use the included mounting bracket to securely install the MicroMobile radio in your vehicle or desired location. Ensure the mounting surface is stable and allows for proper ventilation.



Figure 2: The compact design allows for easy installation in various vehicle types.

2. **Power Connection:** Connect the 12V power cord to the radio and plug the car power adapter into your vehicle's 12V accessory port.
The radio features a USB-C charging port for convenience.
3. **Antenna Connection:** Connect the provided antenna cable to the radio's antenna port and attach the 3dB gain Ghost Antenna. Position the antenna for optimal signal reception, typically on a metal surface for magnetic mount antennas.
4. **Microphone Connection:** Plug the microphone cable into the designated port on the radio. Use the microphone holder to keep the microphone accessible.

OPERATING INSTRUCTIONS

1. **Turning On/Off and Volume Control:** Locate the rotary knob on the radio. Twist this knob clockwise to turn the radio on and increase the volume. Twist counter-clockwise to decrease volume and turn off the radio.



Figure 3: The radio's backlit display and control buttons.

2. **Changing Channels:** Use the up and down arrow buttons on the microphone to cycle through the available channels. The current channel number will be displayed on the radio's backlit screen. The MXT115 features 15 high-power channels.



Figure 4: The microphone features channel selection buttons and a Push-to-Talk (PTT) button.

3. **Transmitting and Receiving:** To transmit, press and hold the Push-to-Talk (PTT) button on the side of the microphone while speaking clearly into the microphone. Release the PTT button to stop transmitting and listen for incoming communications.
4. **Weather Alert:** The radio includes a NOAA Weather Radio feature for receiving severe weather alerts. Refer to the detailed manual for activation and specific alert settings.



Figure 5: The radio's NOAA Weather Radio feature provides important weather alerts.

5. **Keypad Lock:** Use the keypad lock feature to prevent accidental channel changes or setting adjustments.
6. **Monitor Mode:** Activate monitor mode to listen to weak signals or channels without squelch.

FEATURES

- **Impressive GMRS Two-Way Radio Range:** Experience extended communication range, up to 40 miles in optimal conditions, ideal for off-road adventures and large properties.



IMPRESSIVE GMRS TWO-WAY RADIO RANGE

Figure 6: The Midland MXT115 offers impressive range for various outdoor activities.

- **Compact Design:** The MicroMobile radio's small footprint allows for flexible installation in tight spaces within vehicles.



Figure 7: The compact design of the radio and its noise-canceling microphone.

- **Noise Canceling Microphone:** The included microphone features advanced noise cancellation (ANC) to ensure clear voice transmission even in noisy environments.
- **Weather Alert:** Stay informed with real-time weather and hazard alerts from NOAA Weather Radio.
- **Durable Construction:** Designed to be waterproof and dustproof, ensuring reliable performance in challenging conditions.
- **142 Channels:** Access a wide range of GMRS channels for versatile communication.

MAINTENANCE

To ensure the longevity and optimal performance of your Midland MXT115AGVP3 radio, follow these maintenance guidelines:

- Keep the radio and accessories clean using a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners.
- Ensure all connections (power, antenna, microphone) are secure and free from corrosion.
- Store the radio in a dry, cool place when not in use, away from direct sunlight and extreme temperatures.
- Regularly inspect cables for any signs of wear or damage.

TROUBLESHOOTING

If you encounter issues with your Midland MXT115AGVP3, try the following troubleshooting steps:

- **No Power:**
 - Check if the 12V power adapter is securely plugged into both the radio and the vehicle's power outlet.
 - Ensure the vehicle's power outlet is functioning (test with another device).
 - Verify the rotary knob is turned sufficiently clockwise to power on the unit.
- **No Audio/Poor Audio:**
 - Adjust the volume knob.
 - Ensure the microphone is properly connected.
 - Check squelch settings; if squelch is too high, it may block weak signals.
 - Consider connecting an external speaker if your vehicle environment is noisy.
- **Cannot Transmit/Receive:**
 - Ensure the PTT button on the microphone is being pressed correctly during transmission.
 - Verify the antenna is properly connected and positioned.
 - Check if you are on the correct channel and if the other party is on the same channel.
 - Ensure you are within range of the other radio. Obstacles like buildings and terrain can significantly reduce range.

For more complex issues, please refer to the full product manual or contact Midland customer support.

SPECIFICATIONS

Feature	Detail
Model Number	MXT115AGVP3
Item Weight	3.98 pounds
Product Dimensions	32 x 18 x 18 inches
Batteries Required	6 AAA batteries (included)
Manufacturer	Midland Radio Corporation
Color	Black
Number of Channels	142
Special Features	Noise Cancellation, Weather Alert, Magnetic Mount Antenna, Dustproof, Waterproof, Automatic Cancelling Microphone
Frequency Range	462-467 MHz

Feature	Detail
Talking Range Maximum	40 Miles
Tuner Technology	UHF
Voltage	12 Volts (DC)
Water Resistance Level	Waterproof

WARRANTY AND SUPPORT

Midland products are designed for durability and performance. For specific warranty information regarding your MXT115AGVP3 GMRS MicroMobile Two-Way Radio, please refer to the warranty card included with your product or visit the official Midland Radio Corporation website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Midland customer service directly.

You can find more information and support resources on the [Midland Store on Amazon](#).