

Midland C1668

Midland G13 PRO Professional Two-Way Radio User Manual

Model: C1668

INTRODUCTION

The Midland G13 PRO is a versatile and advanced dual-band radio, supporting both PMR446 and LPD frequencies. This design allows for flexible use in various environments, making it suitable for both professional applications and outdoor activities. Whether managing communications in complex work settings or staying connected during outdoor adventures like hunting or hiking, the G13 PRO ensures clear and reliable transmission. Its robust construction and user-friendly interface make it an ideal tool for those requiring a high-quality radio that meets diverse communication needs.

Key features include:

- Dual-band PMR446 and LPD support for maximum operational flexibility.
- Long-lasting 2600 mAh lithium battery with fast charging capability, providing up to 40 hours of autonomy.
- Intuitive controls with a large display and two main knobs for channel changes, volume, and power.
- Robust aluminum chassis and IPX4 water resistance for reliability in challenging conditions.
- Superior audio quality for clear and powerful communications.
- RRM Channel function for automatic selection of the Mountain Radio Network frequency, useful for trekking and emergencies.
- Programmable via software for customized channel settings and feature activation/deactivation.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Midland G13 PRO Two-Way Radio
- 1 x Belt Clip

- 1 x 2600 mAh Li-Ion Rechargeable Battery
- 1 x Desktop Charger (Charging Base)
- 1 x Wall Adapter for Charger
- 1 x USB Cable (for charging base)
- Screws for belt clip attachment



Image: All components included with the Midland G13 PRO, showing the radio, charging base, belt clip, and USB cable.

SETUP

1. Battery Installation

1. Ensure the radio is powered off.
2. Align the battery pack with the compartment on the back of the radio.
3. Slide the battery into place until it clicks securely.
4. If applicable, secure the battery cover.

2. Charging the Battery

Before initial use, fully charge the battery. A full charge typically takes several hours.

1. Connect the wall adapter to the charging base.
2. Plug the wall adapter into a power outlet.
3. Place the radio with the installed battery into the charging base. Ensure the charging contacts on the radio align with those on the base.
4. The charging indicator light on the base will illuminate (e.g., red for charging, green for fully charged).

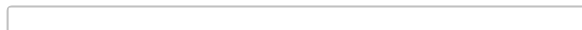


Image: The Midland G13 PRO radio securely seated in its desktop charging base.

3. Antenna Attachment

Screw the antenna clockwise onto the connector at the top of the radio until it is finger-tight. Do not overtighten.

4. Belt Clip Attachment

Attach the belt clip to the back of the radio using the provided screws. This allows for convenient carrying.

OPERATING INSTRUCTIONS

1. Power On/Off and Volume Control

1. To power on the radio, rotate the smaller knob (typically on the right side of the top panel) clockwise until you hear a click.
2. Continue rotating this knob to adjust the volume to a comfortable listening level.
3. To power off, rotate the knob counter-clockwise until it clicks off.

2. Channel Selection

The G13 PRO supports 85 channels across PMR446 and LPD bands.

1. Rotate the larger knob (typically on the left side of the top panel) to select your desired channel.
2. The selected channel number will be displayed on the screen.



Image: Front view of the Midland G13 PRO, highlighting the display and the two main control knobs for channel and volume/power.

3. Transmitting and Receiving

1. To transmit, press and hold the Push-To-Talk (PTT) button located on the side of the radio.
2. Speak clearly into the microphone.
3. Release the PTT button to stop transmitting and return to receive mode.
4. When receiving a transmission, the radio will automatically output the audio.



Image: The Midland G13 PRO radio held in a hand, demonstrating its ergonomic design and the location of the PTT button.

4. Menu Navigation

The G13 PRO features a menu system for advanced settings. Use the MENU, ENTER, and BACK buttons located below the display.

- Press **MENU** to enter the main menu.
- Use the channel knob or arrow buttons (if available) to scroll through menu options.
- Press **ENTER** to select an option or confirm a setting.
- Press **BACK** to exit a menu or return to the previous screen.

5. Special Features

- **RRM Channel Function:** For hiking and trekking, this function automatically selects the main frequency of the Mountain Radio Network, which is crucial for signaling emergencies. Consult local regulations for RRM channel usage.
- **Programmable Functions:** The radio can be programmed via software to customize channels and activate or deactivate specific features. This requires a separate programming cable and software from Midland.

MAINTENANCE

1. Cleaning

Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the charging contacts are clean and dry.

2. Battery Care

- Avoid fully discharging the battery frequently to prolong its lifespan.
- Store the radio and battery in a cool, dry place when not in use for extended periods.
- Do not expose the battery to extreme temperatures.

3. Storage

When storing the radio for long periods, remove the battery and store it separately. Keep the radio in a dry, dust-free environment.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is dead or not properly installed.	Charge the battery. Reinstall the battery correctly.
Cannot transmit or receive.	Incorrect channel selected, out of range, or antenna not attached.	Verify channel. Move closer to other radios. Ensure antenna is securely attached.
Poor audio quality.	Low battery, interference, or volume too low.	Charge battery. Move away from sources of interference. Adjust volume.
Charging indicator not working.	Charger not connected, radio not seated correctly, or faulty charger/battery.	Check power connections. Reseat radio in charger. Contact support if issue persists.

SPECIFICATIONS

- **Model Number:** C1668
- **Brand:** Midland
- **Frequency Range:** 446.000 MHz to 446.200 MHz (PMR446) and 136-174 MHz (LPD)
- **Number of Channels:** 85
- **Maximum Range:** Up to 12 Kilometers (dependent on terrain and conditions)
- **Battery:** 2600 mAh Li-Ion Rechargeable Battery
- **Average Battery Life:** 40 hours
- **Water Resistance Level:** IPX4 (Splash-proof)
- **Color:** Black
- **Manufacturer:** Midland
- **Country of Origin:** China

WARRANTY AND SUPPORT

Warranty Information

The Midland G13 PRO comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, please refer to the documentation provided with your product or visit the official Midland website.

Customer Support

If you encounter any issues not covered in this manual or require further assistance, please contact Midland customer support. Contact details can typically be found on the official Midland website or in the product packaging.

When contacting support, please have your product model number (C1668) and proof of purchase readily available.

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