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› Midland BR10 Heavy-Duty Business Walkie Talkies - User Manual

Midland BR10X2

Midland BR10 Heavy-Duty Business Walkie Talkies - User Manual

Model: BR10X2

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1. INTRODUCTION

The Midland BR10 Heavy-Duty Business Walkie Talkies are designed for reliable and clear communication in various professional environments such as job sites, warehouses, retail, and manufacturing. These FRS (Family Radio Service) radios operate on 22 FCC-certified channels and offer 121 privacy code combinations to minimize interference. With up to 2 watts of transmit power, the BR10 provides coverage up to 250,000 sq. ft. Its robust construction, featuring a heavy-duty aluminum die-cast frame and dust-resistant design, ensures durability in demanding conditions. The included 1800mAh lithium-ion rechargeable battery provides extended operational time.

This manual provides comprehensive instructions for the proper setup, operation, and maintenance of your Midland BR10 walkie talkies. Please read it thoroughly before use to ensure optimal performance and safety.

2. WHAT'S IN THE BOX

Your Midland BR10X2 kit includes the following components:

- Two (2) BR10 Radios with fixed antennas
- Two (2) Rechargeable Li-ion Battery Packs
- Two (2) Desktop Charger Bases
- Two (2) AC Charging Adapters
- Two (2) Belt Clips
- One (1) User Manual (this document)

IN THE BOX



BR10 RADIO (2)



DESKTOP
CHARGER BASE (2)



BELT CLIP (2)



AC CHARGING
ADAPTER (2)



RECHARGEABLE
BATTERY PACK (2)

Figure 2.1: Included components in the BR10X2 package. This image displays two BR10 radios, two desktop charger bases, two belt clips, two AC charging adapters, and two rechargeable battery packs.

3. PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of your Midland BR10 radio.



Figure 3.1: Front and side view of the BR10 radio with key components labeled. This includes the Push-To-Talk (PTT) button, channel selectors, transmit/receive LED indicator, on/off volume control, belt clip attachment point, and K1 accessory connector.

- **Large PTT Button:** Press and hold to transmit, release to receive.
- **Channel Selectors:** Up/Down buttons to change the operating channel.
- **TX/RX LED Indicator:** Illuminates to indicate transmission (red) or reception (green).
- **On/Off Volume Control:** Rotary knob to power the radio on/off and adjust volume.
- **Screw-On Belt Clip:** Attachment point for the included belt clip.
- **K1 Connector Compatible:** Port for compatible Midland BA Series headsets and other accessories.

The BR10 is built for durability, featuring an impact-rated design that survives 7-foot drops onto concrete, weather resistance for rain and fog, and an anti-collision shell with a reinforced aluminum die-cast housing. Oversized tactile buttons are glove-friendly for jobsite use, and the 360° high-volume speaker provides noise-ready audio for loud environments.

A black Midland BR10 two-way radio is shown on the right side of the image, standing on a dark, textured base. The background is a dark, rainy scene with water droplets visible. On the left side, there is a large shield icon with the number '5' and the word 'Proof' inside it, with 'For Harsh Conditions' written below. Below the shield, there are five icons representing different durability features: a hammer, water droplets, a hand, a hand with a button, and a speaker. Each icon is followed by a bold title and a descriptive sentence.

5 Proof
For Harsh Conditions

Impact Rated
Survives 7-Foot Drops
onto Concrete

Weather Resistant
Built to Handle Rain, Fog,
and Outdoor Exposure

Anti-Collision Shell
Reinforced Aluminum
Die-Cast Housing

Glove-Friendly
Oversized Tactile Buttons
for Jobsite Use

Noise-Ready Audio
360° High-Volume Speaker
for Loud Environments

Figure 3.2: Durability features of the BR10 radio. This image illustrates the radio's resistance to impact, weather, and its robust construction, along with user-friendly design elements for challenging environments.

4. SETUP

4.1. Installing the Battery Pack

1. Ensure the radio is turned off.
2. Locate the battery compartment on the back of the radio.
3. Align the rechargeable Li-ion battery pack with the compartment.
4. Gently push the battery pack into place until it clicks securely.
5. To remove, press the release latch (if present) and slide the battery out.

4.2. Attaching the Belt Clip

1. Align the belt clip with the screw holes on the back of the radio.
2. Use a small Phillips head screwdriver to secure the belt clip with the provided screws.

4.3. Charging the Battery

Before initial use, fully charge the battery pack.

1. Connect the AC charging adapter to the desktop charger base.
2. Plug the AC adapter into a standard wall outlet.
3. Place the radio (with battery installed) into the desktop charger base. The charging indicator light on the charger will illuminate (typically red) to show charging is in progress.
4. When charging is complete, the indicator light will change (typically green). A full charge takes approximately 4-6 hours.
5. You can also charge a spare battery directly in the charger base without the radio.

Important: Use only the Midland-approved battery pack and charger provided with your radio. Using unauthorized accessories may damage the radio and void the warranty.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off and Volume Adjustment

- To turn the radio **ON**, rotate the On/Off Volume Control knob clockwise until you hear a click and the radio announces the current channel.
- To turn the radio **OFF**, rotate the On/Off Volume Control knob counter-clockwise until you hear a click.
- Adjust the volume by rotating the On/Off Volume Control knob. Clockwise increases volume, counter-clockwise decreases volume.

5.2. Selecting a Channel

- Use the **Channel Selectors** (Up/Down buttons) to choose one of the 22 available FRS channels.
- The radio will announce the selected channel number.
- Ensure all radios in your group are set to the same channel for communication.

5.3. Transmitting and Receiving

- To **Transmit**: Press and hold the **Large PTT Button**. Speak clearly into the microphone, holding the radio approximately 2-3 inches from your mouth. The TX/RX LED will glow red.
- To **Receive**: Release the **Large PTT Button**. The TX/RX LED will glow green when a signal is being received.

5.4. Scan Mode

The scan feature allows you to monitor all 22 channels for activity.

- To activate **Scan Mode**: Briefly press the *SCAN* button (often the down arrow button with a scan label). The radio will begin scanning channels.
- When activity is detected on a channel, the radio will pause on that channel.
- To stop scanning, press the *SCAN* button again.

5.5. Monitor Mode

Monitor mode allows you to listen to a selected channel continuously, overriding any privacy codes or squelch settings. This is useful for checking for weak signals.

- To activate **Monitor Mode**: Refer to your radio's specific button layout for the monitor function. It might be a dedicated button or a long press of a channel selector.
- To deactivate, press the same button again.

5.6. Voice Operated Transmission (VOX)

The BR10 supports hands-free operation with compatible K1 connector headsets. When VOX is enabled, the radio transmits automatically when you speak into the microphone.

- VOX settings are typically configured via Midland software. Consult the software manual for detailed instructions on enabling and adjusting VOX sensitivity.

5.7. Privacy Codes (CTCSS/DCS)

The BR10 offers 121 privacy code combinations (CTCSS/DCS) to reduce interference from other users on the same channel.

- Privacy codes are software-configurable. You will need the Midland programming software and a programming cable to set these codes.
- All radios in your group must be set to the same channel and privacy code to communicate with each other.

5.8. Other Features

- **Roger Beep**: An audible tone indicating the end of your transmission.
- **Voice Announcements**: The radio provides voice prompts for channel changes and other status updates.
- **Battery Indicator**: Provides an indication of the current battery level.
- **Time-Out Timer (TOT)**: Limits the duration of a transmission to prevent accidental continuous transmission. This is software-configurable.

Watch: Talk Business with the new Midland BR10!

Your browser does not support the video tag.

This video provides an overview of the Midland BR10 walkie talkie, demonstrating its features and suitability for business communication. It covers key aspects of the radio's design and functionality.

6. MAINTENANCE

6.1. General Care

- Keep the radio dry. If it gets wet, wipe it dry immediately.
- Do not expose the radio to extreme temperatures.
- Clean the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Avoid dropping the radio or subjecting it to strong impacts, despite its durable design.

6.2. Battery Care

- Do not attempt to open the battery pack.
- Dispose of old batteries according to local regulations.
- If the radio will not be used for an extended period, remove the battery pack.
- Store batteries in a cool, dry place.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery low or not installed correctly.	Charge the battery. Ensure the battery is properly seated.
Cannot transmit or receive	Incorrect channel or privacy code. Out of range.	Verify all radios are on the same channel and privacy code. Move closer to other radios.
Static or unclear audio	Weak signal. Interference. Volume too low.	Move to a clearer area. Adjust volume. Check for obstructions.
Radio not charging	Charger not connected. Faulty battery/charger.	Ensure charger is plugged in. Check connections. Try a different outlet. Contact support if issues persist.
Short battery life	Battery not fully charged. Old battery.	Ensure full charge cycle. Consider replacing the battery if it's old.

8. SPECIFICATIONS

Feature	Detail
Model Number	BR10X2
Frequency Range	462-467 MHz (FRS)
Number of Channels	22
Transmit Power	Up to 2 Watts
Privacy Codes	121 (CTCSS/DCS)
Battery Type	1800mAh Li-ion Rechargeable
Battery Life	Up to 12 hours
Dimensions (H x W x D)	Approx. 6 x 2 x 2.2 inches (15.2 x 5.1 x 5.6 cm)
Weight	Approx. 1.92 pounds (0.87 kg) per unit
Water Resistance Level	Water Resistant (IP5X dust resistant)
Compatible Accessories	Midland's BA Series headsets

9. WARRANTY AND SUPPORT

9.1. Limited Warranty

Midland products are covered by a limited warranty against defects in materials and workmanship. The specific duration and terms of the warranty may vary. Please refer to the warranty card included with your product or visit the official Midland website for detailed warranty information. Keep your proof of purchase for warranty claims.

9.2. Customer Support

For technical assistance, troubleshooting, or questions regarding your Midland BR10 walkie talkies, please contact Midland Customer Support.

- **Website:** Visit the official Midland website for FAQs, support resources, and contact information.
- **Phone:** Refer to the contact details provided on the Midland website or in your product packaging.

When contacting support, please have your product model number (BR10X2) and purchase date available.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

