



BIZTALK[®]

LICENSE FREE TWO-WAY RADIO

OWNER'S MANUAL



BR10

FEATURES

1. License-Free FRS Radio
2. Up to 2 Watts Transmit Power
3. 22 Channels
4. 142 Privacy Codes (38 CTCSS / 104 DCS)
5. Voice Announcements of Status
6. Low Battery Alert
7. Battery Save Mode
8. Monitor
9. Auto Scan
10. Transmission Time Limit
11. Easy Configuration and Programming with PC
12. Compatible with Midland BR Series Accessories
13. 2 Year Warranty

UNPACKING AND CHECKING EQUIPMENT

Carefully unpack the contents. We recommend that you identify the items listed before discarding the packing material. If any items are missing contact Midland Customer Support (see Troubleshooting section).

What's in the Box?

Model BR10X2:

2 Radios
2 Battery Packs
Desktop Charger
AC Wall Adapter
Owner's Manual

Model BR10X6:

6 Radios
6 Battery Packs
Multi Charger
AC Wall Adapter
Owner's Manual

PREPARATION

Charging the Battery Pack

It is recommended to charge the radios before setup and use. Recharge the radio upon hearing a low-battery indication (3 quick beeps) or voice prompt.

LED	STATE
Red	Charging
Green	Full

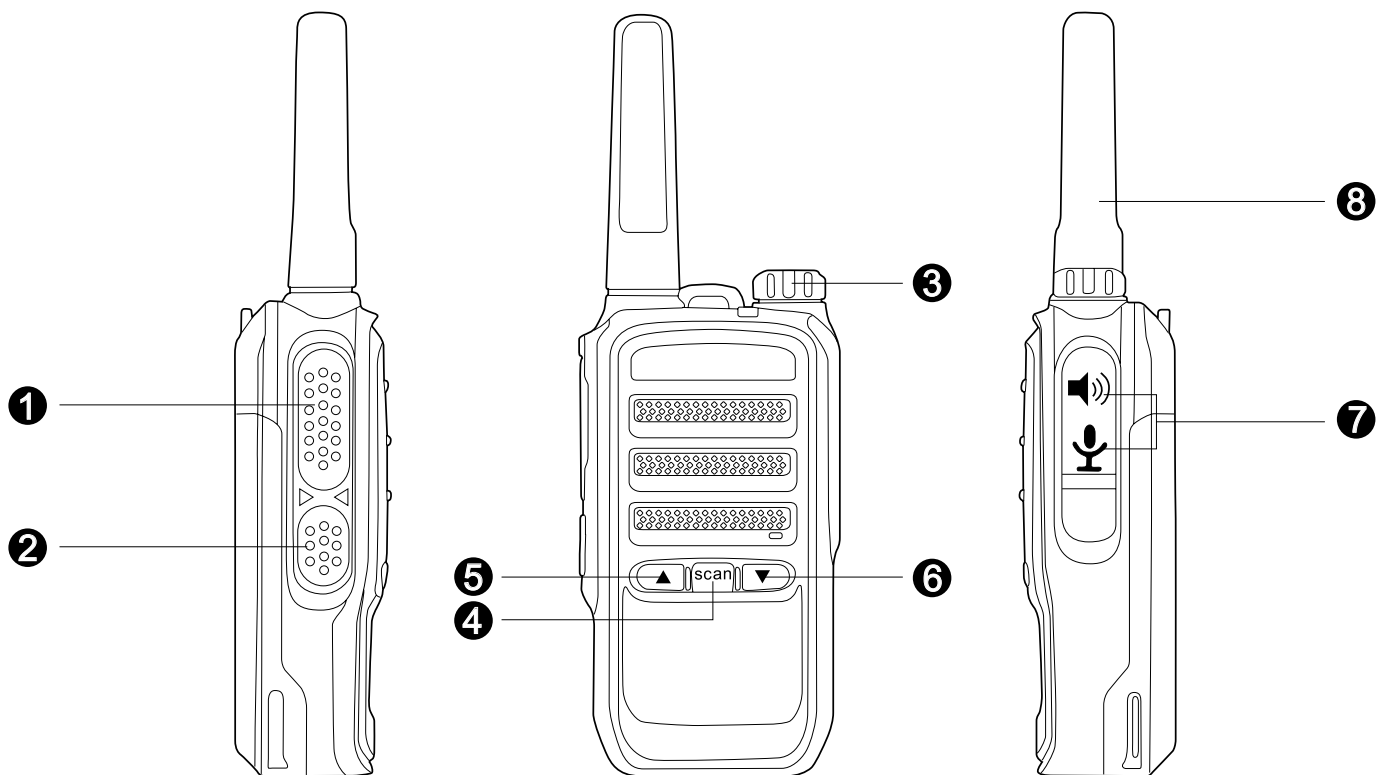
Obtain & install the PC program for setup

Obtain the PC programming software installation utility from the BR10 product page of the Midland website. Run the utility and follow the dialog box prompts to complete installation. PC programmer documentation and more detailed help for installation is also available from the BR10 product page. Scan the QR code on this guide or visit midlandusa.com/products/br10-biztalk®-frs-heavy-duty-business-radio-br10 for information.

You will need a programming cable (not included) to connect to your radio. To purchase a programming cable, please visit www.midlandusa.com and search for model BA1.

RADIO AND CONTROLS

1. Push-to-Talk (PTT) Key: Press and hold, then speak into the microphone to transmit.
Release to receive.
2. Monitor Function Key: Press and hold to monitor for activity on the current channel.
Release to exit the monitor.
3. Power Switch/Volume Control
4. Scan Function Key: Press to start scanning selected channels for activity.
Press again to stop scanning.
5. Channel Change (up): Press to increase the selected channel number.
6. Channel Change (Down): Press to decrease the selected channel number.
7. Speaker/Microphone Jack: Connect the external speaker/microphone.
8. Antenna



BASIC OPERATIONS

Power ON/OFF

Turn the Power Switch/Volume Control clockwise to switch the radio ON. A beep will sound and a Voice Prompt will announce the current channel number.

Turn the Power Switch/Volume Control counterclockwise to switch the radio OFF.

Adjusting the Volume

Rotate the Power Switch/Volume Control to adjust the volume. Clockwise increases the volume and counterclockwise decreases it.

The Volume Control affects both voice prompts and voice communications.

Selecting the Channel

Press Channel Up or Channel Down to select your desired channel. The voice prompt will announce the channel selection upon each change.

Transmitting

Press the PTT switch and speak into the microphone in your normal speaking voice.

- For best sound quality at the receiving radio, hold the microphone approximately 1.5 in (3 ~ 4 cm) from your mouth.
- If the battery is too low for transmitting, the LED indicator will blink (Red).

Receiving

1. Select your desired channel.
2. When you hear a caller's voice, readjust the volume as necessary.

Note:

- The Squelch Level configuration affects the signal strength required for transmissions to be received.
- Radios will communicate in both directions only when set for the same channel and CTCSS/DCS code.

Configurable Items (via PC software)

1. CTCSS / DCS
2. Squelch Level (0 - 9)
3. Battery Saver
4. Transmit Timeout Timer (15 - 600 seconds)
5. Voice Prompts (Off / English)
6. Scan Inclusion
7. Key Beeps
8. Roger Beep

Default Channel and Privacy Settings

CH NO.	Freq (MHz)	Privacy Code	Scan	CH NO.	Freq (MHz)	Privacy Code	Scan
1	462.5625	67Hz	Yes	12	467.6625	67Hz	Yes
2	462.5875	67Hz	Yes	13	467.6875	67Hz	Yes
3	462.6125	67Hz	Yes	14	467.7125	67Hz	Yes
4	462.6375	67Hz	Yes	15	462.5500	67Hz	Yes
5	462.6625	67Hz	Yes	16	462.5750	67Hz	Yes
6	462.6875	67Hz	Yes	17	462.6000	67Hz	Yes
7	462.7125	67Hz	Yes	18	462.6250	67Hz	Yes
8	467.5625	67Hz	Yes	19	462.6500	67Hz	Yes
9	467.5875	67Hz	Yes	20	462.6750	67Hz	Yes
10	467.6125	67Hz	Yes	21	462.7000	67Hz	Yes
11	467.6375	67Hz	Yes	22	462.7250	67Hz	Yes

TROUBLESHOOTING

If you have questions or encounter problems, please refer to the chart below first. If unresolved. Please contact Midland Support at support@midlandusa.com.

PROBLEM	SOLUTION
No power	<ol style="list-style-type: none">1. Remove and reinstall the battery to verify proper installation.2. After attempting to charge the battery with a known-good charger, replace with a known-good battery.
Cannot receive or do not hear transmissions	<ol style="list-style-type: none">1. Ensure radio volume is sufficient.2. Confirm radios have the same channel and CTCSS/DCS settings.3. Consider if the radios are out of range or there are significant sources of interference in between.
Radios (batteries) will not charge	<ol style="list-style-type: none">1. Ensure the charger is plugged in and the AC outlet is working properly.2. Ensure the charger and radio contacts are clean and not blocked.

TECHNICAL SPECIFICATIONS:

FRS/GMRS Frequency Range:	462.5500 MHz - 462.7250 MHz 467.5625 MHz - 467.7125 MHz
Number of Channels	22 Channels
Transmission	2 Watts - Channels 1 - 7 and 15 - 22 0.5 Watts - Channels 8 - 14
Antenna	Integrated, Non-removable
Battery Type	LI-Ion, 1800 mAh
Privacy Codes	142

FCC Notice

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

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

To control your exposure and ensure compliance with the general population or uncontrolled environment exposure limits, transmit no more than 50% of the time. The radio generates measurable RF energy exposure only when transmitting

Body-Worn Operation

If you wear the radio on your body when transmitting always use Midland-supplied or approved belt clip, holster, case, or body harness for this product. Use of any accessories not supplied or approved by Midland may exceed FCC/Health Canada RF exposure guidelines. If you do not use any accessories supplied or approved by Midland, ensure the radio and its antenna are at least 1 inch (2.5cm) from your body when transmitting.

WARRANTY

Business Warranty

Midland Radio Corporation will repair or replace, at its option without charge, any Midland UHF transceiver which fails due to a defect in material or workmanship within 2 years following the initial consumer purchase.

This warranty does not apply to water damage, battery leak or abuse. Accessories have a one year warranty from date of purchase, including any antennas, batteries, chargers, or headsets/earphones.

This warranty does not include the cost of labor for removal or re-installation of the product in a vehicle or other mounting.

For Product Purchased in the USA contact 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.

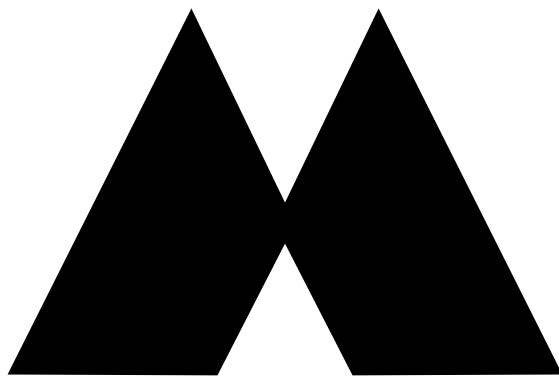
For Product Purchased in Canada:

Performance of any obligation under this warranty may be obtained by returning the warranted product, along with proof of purchase, to your dealer in Canada.

This warranty gives you specified legal rights. Additional warranty rights may be provided by law in some areas.

To register your product for a warranty claim, please visit <https://midlandusa.com/apps/product-registration> and contact Customer Experience at support@midlandradio.com for any additional assistance.

**Retain this page for warranty
terms and claims process.**



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



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.