MIDLAND®
X-TRA TALK
LXT118/XT23/GX10/GX12 Series
Two-Way Radio
OWNER'S MANUAL

midlandusa.com

MIDLAND RADIO CORPORATION
5900 Parretta Drive
Kansas City, MO 64120
Call 816.241.8500

We'd love to hear from you! Let us know what you think of your new Midland product on

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.

Rev H

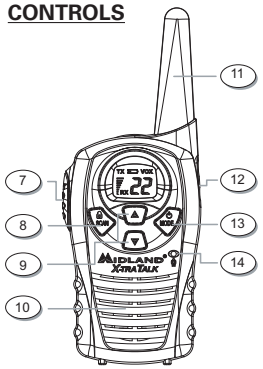
Welcome to the world of Midland electronics

Congratulations on your purchase of a high quality MIDLAND product. Your 2-way radio represents state-of-the-art high-tech engineering. Designed for FRS (Family Radio Service) operation, this compact package is big on performance. It is a quality piece of electronic equipment, skillfully constructed with the finest components. The circuitry is all solid-state and mounted on a rugged printed circuit board. Your two-way radio is designed for reliable and trouble-free performance for years to come.

LCD DISPLAY

1. **TRANSMIT (TX) ICON** – Indicates radio is transmitting a signal.
2. **VOLUME METER** – Indicates the volume setting of the radio.
3. **RECEIVE (RX) ICON** – Indicates radio is receiving a transmission.
4. **LOW BATTERY ICON** – Indicates the battery level is low.
5. **VOX ICON** – Indicates when VOX mode is active.
6. **CHANNEL NUMBER** – Changes from 1~22 on FRS band.

CONTROLS



7. **PTT Button** – Press and hold to transmit voice communication.
8. **SCAN/LOCK Button** – Press to enter SCAN mode. Press and hold to turn KEY LOCK on/off.
9. **UP ▲ and DOWN ▼ Buttons** – Make adjustments in MENU mode.
10. **SPEAKER** – Built-in speaker.
11. **ANTENNA**
12. **EXTERNAL SPEAKER/MIC/CHG JACK**
13. **POWER / MODE Button** – Press and hold for at least 3 seconds to turn the radio on/off. Press momentarily to access Menu mode.
14. **MIC** – Built-in microphone.

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.

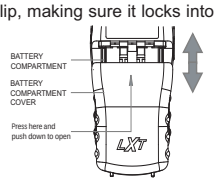
To maintain compliance with FCC's RF exposure guidelines, for body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with Midland Radio Corp. accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

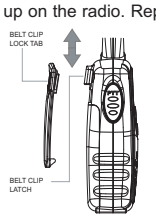
BATTERY INSTALLATION

Your radio operates with 3 AAA alkaline batteries or NiMH rechargeable batteries. The belt clip should be removed to ease installation or removal of the batteries.

To install the batteries:

1. With the back of the radio facing you, remove the belt clip (see diagram below) for easy access, then remove the Battery Cover by pressing down on the top center and sliding it down from the radio.
2. Insert 3 AAA batteries observing the polarity as shown on the Battery Compartment. Installing the batteries incorrectly will prevent the unit from operating or may damage the unit.
3. Return the Battery Cover by sliding it up on the radio. Replace the belt clip, making sure it locks into place.





CHARGING THE BATTERY

Your radio is equipped for using rechargeable NiMH batteries which can be recharged by inserting the AC adapter into the radio charge jack. Initial charge time is 24 hours. Charge time is about 12 hours thereafter. For maximum battery life, we recommend charging the batteries when the low battery icon comes on. Remove the radios from the charger when the charge time expires.

1. Only use our NiMH batteries.
2. Do not attempt to charge alkaline batteries or any batteries or battery packs other than the one indicated in the manual. This may cause leakage and damage to the radio.
3. For long term storage of the radio, turn the radio OFF and remove the batteries from the radio.

LOW BATTERY LEVEL INDICATOR

When the battery voltage gets low, the LOW BATTERY ICON will blink along with the message "bt Lo" on the display. When using the rechargeable battery pack, the low battery icon will indicate that you are very close to the batteries being exhausted. When using AAA Alakaline batteries, the low battery icon means you have about 50% of battery life remaining.

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.**

EXTERNAL SPEAKER/MICROPHONE JACK

To use an optional speaker / microphone or headset:

- Insert the plug(s) into the **SPK/MIC** jacks.
- Place the earbud into your ear, and adjust the mic to your desired position.

OPERATING YOUR RADIO

POWER ON/OFF AND VOLUME

Press the **POWER/MODE** button for at least 3 seconds to turn the radio on/off. To increase/decrease the volume level, press the ▲\▼ buttons during **RX** or **STANDBY** mode. The **VOLUME METER** will indicate the volume setting of the radio.

TRANSMITTING AND RECEIVING A CALL

1. For maximum clarity, hold the radio at least 1 inch (2.5 cm) from your mouth.
2. Press and hold the **PTT** button and speak in a normal voice into the **microphone**. The **TX** icon will appear continuously on the LCD display while transmitting.
3. To receive a call, release the **PTT** button. The **RX** icon will appear on the display when your radio is receiving a transmission.

SCAN

Your radio can scan all 22 channels for activity. To enter, quickly press the **SCAN** button. Repeat the same procedure to exit. Your radio will rapidly scan each of the 22 channels and stop on any active channel for 4 seconds before resuming scan. When you press the **PTT** button to transmit on an active channel, the scanning function will stop and remain on the active channel. To resume scanning, quickly press the **SCAN** button.

CALL ALERT

Your radio can transmit a call alert. To send, press the **PTT** button twice rapidly. The **TX** icon will appear while transmitting a call alert and a tone can be heard on the speaker for confirmation.

KEYPAD LOCK

Press the **LOCK** button for 4 seconds. The "***Lo***" icon will appear on the display. **PTT** will still be active. Repeat the same procedure to unlock the keypad, a "***LF***" icon will appear on the display.

CHANNEL SELECTION (FRS BAND)

Press the **MODE** button once, and then the ▲\▼ buttons to select one of the 22 FRS channels. To confirm the selection, press the **PTT** button or press the **MODE** button again to move to the next feature setting.

***Note** : To communicate between two radios, all radios in your group must be set to the same channel.*

VOX

*To turn **VOX** on*, press the **MODE** button twice, the display shows "**VOX**" blinking while below the "***oF***" icon appears. Select "***on***" by pressing the ▲\▼ buttons and push the **PTT** key or the **MODE** button again to confirm.

*To turn **VOX** off*, press the **MODE** button twice, the display shows "**VOX**" blinking while below the "***on***" icon appears. Select "***oF***" by pressing the ▲\▼ buttons and push the **PTT** key or the **MODE** button again to confirm.

SPECIFICATIONS

Channels 22 FRS Channels
Operating Frequency UHF 462.5500 ~ 467.7125 MHz
Power Source 3 AAA Alkaline or Rechargeable NiMH batteries

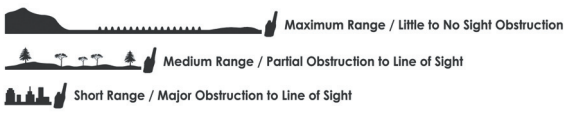
FRS FREQUENCY CHART (MHz)

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

* Channels 8~14 are low-power FRS channels

ABOUT RANGE

Your LXT Series radios are designed to give you maximum range under optimum conditions.



Optimum Conditions are:

- Over water
- Open rural areas without obstructions
- Flat areas where you can see the other person

To ensure you get maximum range:

- Be sure to use fresh or fully charged batteries - low batteries will cause low power conditions.

LIMITED WARRANTY (United States and Canada)

Subject to the exclusions set forth below, Midland Radio Corporation will repair or replace, at its option without charge, any Midland FRS transceiver which fails due to a defect in material or workmanship within Three Years following the initial consumer purchase.

This warranty does not apply to water damage, battery leak, abuse or misuse of unauthorized accessories, unauthorized service or modification or altered products. Accessories have a 90 day warranty from date of purchase, including any chargers, microphones, and cables.

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

ANY IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED AS SET FORTH HEREIN AND TO THE DURATION OF THE LIMITED WARRANTY, OTHERWISE THE REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MIDLAND BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE, GROSS NEGLIGENCE, BODILY INJURY, PROPERTY DAMAGE AND DEATH) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR ACCESSORY, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR ACCESSORIES TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

For Product Purchased in the USA:

Performance of any obligation under this warranty may be obtained by returning the warranted product, prepaid freight, along with proof of purchase to:

Midland Radio Corporation
Warranty Service Department
5900 Parretta Drive
Kansas City, MO 64120

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 place of purchase in Canada.

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

ACCESSORIES

Accessories can be purchased at **midlandusa.com**.

AVP1
- Over the Ear Headsets

AVPH5
- Behind the Head Headsets

AVPH2
- Closed Face Helmet Headset Kit

AVPH7
- Camo Headsets with Boom Mic

AVPH3
- Surveillance Headsets

AVP-H8
- Acoustic Throat Mic

AVPH4
- Wrap Around the Ear Headsets

IMPORTANT: This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

IMPORTANT: Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi même si le brouillage est susceptible d'en compromettre le fonctionnement.

IMPORTANT: Changes or modifications to this unit not expressly approved by **MIDLAND RADIO CORP.** could void your right to operate this unit. Your radio is set up to transmit a regulated signal on an assigned frequency. It is against the law to alter or adjust the settings inside the COMMUNICATOR to exceed those limitations. Any adjustment to your radio must be made by qualified technicians.