MIDLAND
X-TRA TALK
LXT560 Series
GMRS/FRS Radio

OWNER'S MANUAL

www.midlandusa.com

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.

MIDLAND RADIO CORPORATION
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We'd love to hear from you! Let us know what you think of your new Midland product at

or by visiting us at
www.midlandusa.com

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 GMRS (General Mobile 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.

Features
- 36 GMRS/FRS Channels
- 121 Privacy Codes (38 CTCSS / 83 DCS)
- VOX
- Selectable Call Alert
- NOAA Weather Scan
- NOAA Weather Radio
- NOAA Weather Alert
- Scan Function
- Monitor Function
- Roger Beep Tone
- Silent Operation
- Key Pad Lock
- Power High / Low Settings
- Speaker / Microphone Jacks
- Battery Meter / Battery Low Indicator

CHARGING THE BATTERY PACK

Your LXT560 Series is equipped for using a rechargeable NiMH battery pack which can be recharged by inserting the AC adapter into the radio charge jack, or with optional desktop charger (as described below). Initial charge time is 24 hours. Charge time is about 12 hours thereafter. For maximum battery life, we recommend charging the battery pack when the low battery icon comes on. Remove the radios from the charger when the charge time expires.

To charge using a Desktop Charger:
1. Place the rechargeable battery packs in the radios.
2. Connect the AC adapter into an AC wall outlet.
3. Insert the AC adapter plug (or DC Cigarette Lighter adapter if charging in vehicle) into the desktop charger jack.
4. Place the units into the desktop charger slot and note that the LED indicator with **RED** color will light up, indicating charging function. *In order to ensure that the battery pack is fully charged, it is recommended that the battery pack be charged for at least 12 hours with the radio turned OFF.*

1. Only use our NiMH battery pack and AC adapter.
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.

BATTERY LEVEL INDICATOR

Your LXT560 Series has a **BATTERY LEVEL METER** that shows the battery power level. The greater the number of bars visible, the stronger the battery level. When the battery level is low, the **Battery Shell** icon will flash in the display indicating your batteries should be replaced or recharged if using a rechargeable battery pack.

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.

OPERATING YOUR RADIO
POWER ON/OFF AND VOLUME

Press the **POWER/MENU** button for at least 3 seconds to turn the radio on/off. During Power On, the radio will beep 2 times with different tones, the LCD will display all icons for 1 second and the LCD display will indicate the last channel selected.

To increase/decrease the volume level, press the ▲\▼ buttons during **RX** or **STANDBY** mode.
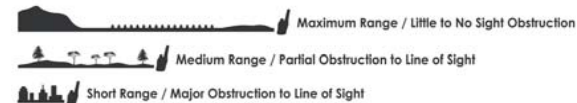
TRANSMITTING AND RECEIVING A CALL

To communicate, all radios in your group must be set to the same channel and/or Privacy Code.
1. For maximum clarity, hold the radio 2 to 3 inches 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 transmision.

ABOUT RANGE

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

Maximum Range / Little to No Sight Obstruction

Medium Range / Partial Obstruction to Line of Sight

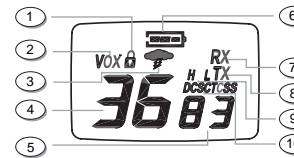Short Range / Major Obstruction to Line of Sight

Optimum Conditions are:
- Over water
- Open rural areas without obstructions
- Flat areas where you can see the other person
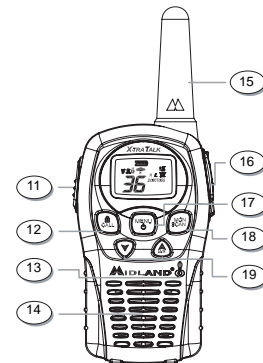
To ensure you get maximum range:
- Be sure to use fresh or fully charged batteries - low batteries will cause low power conditions.
- Be sure you are on a GMRS channel - FRS channels are restricted by the FCC to low power.
- Be sure to set your radio to use Hi power.
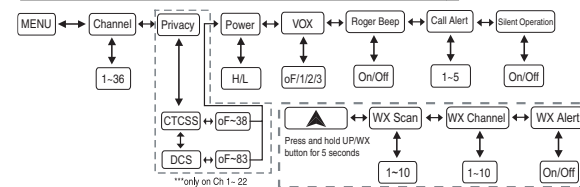
LCD DISPLAY

1. **KEY LOCK ICON** – Indicates KEY LOCK mode is on.
2. **VOX ICON** – Indicates when VOX mode is active.
3. **NOAA WEATHER (WX) BAND ICON**– Indicates when the radio is in Weather Band mode.
4. **CHANNEL NUMBER** – Changes from 1~36 on GMRS/FRS band (1~10 on WX band).
5. **PRIVACY CODE** – Indicates Privacy Code selected by user (oF~38/oF~83). It can only be set in Ch 1~22.
6. **BATTERY METER** – Indicates the battery level.
7. **RECEIVE (RX) ICON** – Indicates radio is receiving a transmission.
8. **TRANSMIT (TX) ICON** – Indicates radio is transmitting a signal.
9. **TRANSMIT POWER LEVEL ICON** – Indicates TX Power setting (H/L).
10. **PRIVACY CODE ICON** – Indicates Privacy Code setting (CTCSS/DCS).

CONTROLS

11. **PTT Button** – Press and hold to transmit voice communication.
12. **CALL/LOCK Button** – Press to send a CALL ALERT signal. Press and hold to turn KEY LOCK on/off.
13. **MIC** – Built-in microphone.
14. **SPEAKER** – Built-in speaker.
15. **ANTENNA**
16. **EXTERNAL SPEAKER/MIC/CHG. JACK**
17. **POWER / MENU Button** – Press and hold for at least 3 seconds to turn the radio on/off. Press momentarily to access Menu mode.
18. **MONITOR/SCAN Button** – Press to enter SCAN mode. Press and hold to enter MONITOR mode.
19. **UP/WX SCAN ▲ and DOWN ▼ Buttons** – Make adjustments in MENU mode. Press and hold the UP button for 5 seconds to activate the NOAA Weather Scan function.

LXT560 SERIES QUICK REFERENCE CHART

MONITOR

Pressing and holding the **MONITOR** button for 3 seconds will let you hear noise so you can adjust the volume level of the radio when not receiving a signal. This could also be used to check any activity on your current channel before transmitting.
Press and hold the **MONITOR** button for 3 seconds again to get out of **MONITOR** mode.

SCAN

Your LXT560 Series can scan all 36 channels for activity. To enter, quickly press the **SCAN** button. Repeat the same procedure to exit. Your radio will rapidly scan each of the 36 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 LXT560 Series can transmit a call alert for a fixed length of time. To send a call alert, press the **CALL** button. The **TX** icon will appear while transmitting a call alert and a tone can be heard on the speaker for confirmation.

KEYPAD LOCK

To avoid accidentally changing the radio setting, press the **LOCK** button for 4 seconds. The **KEY LOCK** icon will appear on the display. **PTT** and **CALL** will still be active. Repeat the same procedure to unlock the keypad.
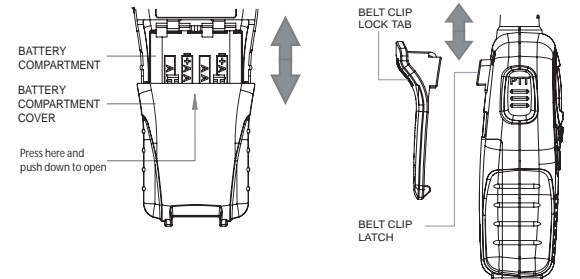
CHANNEL SELECTION (GMRS/FRS BAND)

Press the **MENU** button once, and then the ▲\▼ buttons to select one of the 36 GMRS/FRS channels. To confirm the selection, press the **PTT** button or press the **MENU** button again to move to the next feature setting.

BATTERY INSTALLATION

Your LXT560 Series radio operates with either a NiMH battery pack or optional 4 AAA alkaline batteries. The belt clip should be removed (see below) 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 4 AAA batteries observing the polarity as shown. 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.

INSTALLING THE BELT CLIP

To install the **BELT CLIP**, slide the clip up into the slot on the back of the radio until the **BELT CLIP LATCH** clicks. To remove the **BELT CLIP**, press the **LOCK TAB** up, then gently pull the belt clip down toward the bottom of the radio.

SETTING PRIVACY CODES

Your LXT560 Series has 121 **Privacy Codes** available to use in channels 1~22. You may select a different **Privacy Code** for each channel. To select a **Privacy Code** for the current channel press the **MENU** button twice, and then the ▲\▼ buttons to select one of the 38 **CTCSS** Privacy Codes. Press the **MENU** button again and then the ▲\▼ buttons to select one of the 83 **DCS** Privacy Code. The **Privacy Code** icon on the display will indicate whether you set your Privacy Code in **CTCSS** or **DCS** mode. To confirm the selection, press the **PTT** button or press the **MENU** button again to move to the next feature setting.

Note : If you select a **CTCSS** Privacy Code, any pre-selected **DCS** Privacy Code will be cancelled and vice-versa.
Selecting a Privacy Code of "**oF**" will disable the Privacy feature.
To communicate between two LXT560 Series radios, all radios in your group must be set to the same channel and/or Privacy Code selections. **The Privacy Code can only be set in channels 1~22.**

TRANSMIT (TX) POWER LEVEL SELECTION

Your LXT560 has 2 power level settings. To select the power level on channels 1~7 and 15~36, press the **MENU** button until a "**Pr**" icon will appear blinking on the display. Then press the ▲\▼ buttons to select **TRANSMIT POWER LEVEL** icon (**H**: Hi/**L**: Lo). To confirm, press the **PTT** button or press the **MENU** button again to move to the next feature setting. **When the PTT button is pressed during Low Battery Level condition, the TX Power will automatically switch from Hi(H) to Lo(L) level.**

Note : You cannot adjust the power setting on the FRS channels (8~14). They are set to Low power per FCC regulations.

VOX

Your LXT560 Series has 3 VOX level settings: **(oF/1/2/3)**.
To set **VOX**, press the **MENU** button until the display shows "VOX" blinking while on the right of the **CHANNEL NUMBER** display, an "**oF**" icon appears. Select "**1**","**2**" or "**3**" by pressing the ▲\▼ buttons and push the **PTT** key, or press the **MENU** button again to move to the next feature setting.