



Owner's Manual

Model LXT 300/315 FRS/GMRS Radio

Features:

- 22 Channels
- Channel Scan
- Auto Squelch
- Auto Battery Save
- Keypad Lock
- Roger Beep
- Mic/Headphone Jack
- 3 Call Alerts
- Keystroke Tones
- Water Resistant
- Backlit Display
- Silent Operation
- Monitor

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Introduction

Congratulations on your purchase of a high-quality Midland GMRS radio. Your LXT-300/315 represents the state-of-the-art in high-tech engineering. Designed for General Mobile Radio Service operation, this compact package is big in 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 LXT-300/315 is designed for reliable and trouble-free performance.

FCC Information

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 received, including 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.

FCC Information Cont...

Your LXT-300/315 operates on General Mobile Radio Service (GMRS) Frequencies and is subject to the rules and regulations of the Federal Communications Commission (FCC). The FCC requires that all operators using General Mobile Radio Service (GMRS) frequencies obtain a radio license before operating their equipment for business, personal, or recreational use.

A GMRS license held by an individual may be shared by immediate family members. To obtain the application forms and instructions or for questions concerning licensing, please contact the FCC at 1-888-CALL-FCC (1-888-225-5322), or go to <http://www.fcc.gov/wtb/prs/genmbl.html>.

Use and Care

1. **Do not** use alcohol or cleaning solutions to clean the radio.
2. **Do not** immerse the radio in water.
3. Use a soft damp cloth to clean the radio
4. Dry the radio with dry lint-free cloth should it get wet.
5. Turn off the radio and remove the batteries during long-term storage

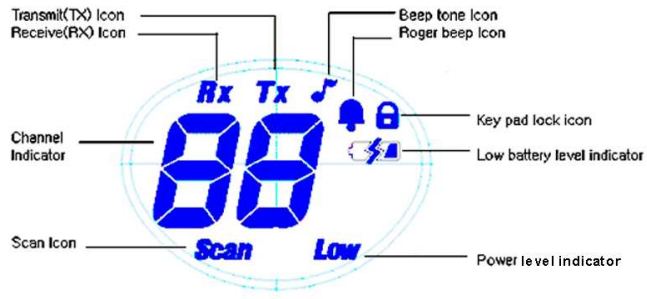
Controls and Buttons



Controls and Buttons Cont...

Button	Description
Talk/Call	<ul style="list-style-type: none">● Talk on the radio● Send a call tone● Save a setting
Scan/Lock	<ul style="list-style-type: none">● Scan for active channels● Lock the key pad
Volume Down	<ul style="list-style-type: none">● Decrease the volume● Scroll through the menu
Volume Up	<ul style="list-style-type: none">● Increase the volume● Scroll through the menu
Menu/Monitor	<ul style="list-style-type: none">● Enter/Exit the menu● To monitor channel activity
Power on/off	Turn on/off the radio
Ext.Speaker /Mic	To use external ear-microphone

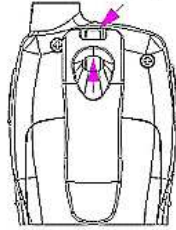
LCD Display



Belt Clip

To install the belt clip, slide the clip up into the slot on the back of the radio until the latching mechanism clicks. To remove the belt clip, pull the latching tab outward, then gently slide the belt clip down toward the bottom of the radio.

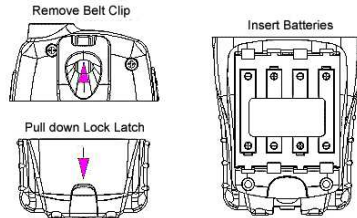
Remove Belt Clip



Installing Batteries

Your LXT-300/315 radio operates with either four AAA alkaline batteries or a NiMH rechargeable battery pack. To install the batteries:

1. With the back of the radio facing you, remove the belt clip by sliding it off of the unit. Then un-lock the locking-latch, and remove the battery cover.
2. Insert four AAA batteries or the battery pack, observing the polarity as shown. Installing the batteries incorrectly will prevent the radio from operating and can damage the unit.
3. Return the battery cover and lock the locking latch.



Charging the batteries

Your LXT-300/315 is equipped to allow using a rechargeable NiMH battery pack which can be recharged by the A/C desktop charger. Batteries must be charged when the low battery icon flashes on the display. **Do not charge alkaline batteries of any kind in the radio.**

To charge through a desktop charger: (included in the LXT300VP3 and LXT315VP3 only)

1. Connect the AC adapter into an A/C wall outlet.
2. Insert the adapter jack into the desktop charger jack.
3. Place the radios into the desktop charger slot and note that the desktop charger lights up to indicate charging function.

Note : Only use batteries indicated in this manual.

1. Do not attempt to charge alkaline batteries or any batteries/ battery packs other than the ones indicated in this manual. This may cause leakage and damage the radio.
2. For long term storage of the radio, turn the radio off and remove the batteries from the radio.

Operation

Power On/Off

Press the "Power button" for more than 2 seconds to turn the radio on. Press "Power button" again for 2 seconds to turn the radio off.

Volume

Press the "Up" button to increase the volume, and press the "Down" button to decrease the volume during normal operation.

Talking and Listening (Receiving)

To communicate, all radios in your group must be set to the same channel.

- For maximum clarity, hold the radio two to three inches from your mouth.
- Press and hold the **PTT** button and speak in a normal voice into the microphone. The TX icon appears continuously on the LCD display when transmitting.
- To receive messages, release the **PTT** button. The RX icon appears on the display when your radio is receiving a transmission.

Monitor

To enable the monitor function, hold down the menu button for 2 seconds. To take the radio off monitor, repeat process.

Call Alert

Your LXT-300/315 can transmit a call alert for a fixed length of time. To send a call alert, press the **PTT** button twice rapidly. The TX icon appears during the transmission of a call alert and the alert can be heard on the speaker for confirmation. To choose a call alert, press the menu button to scroll through to the call alert screen. Then using the "Up" or "Down" buttons, select one of the three alerts. To save your selection, press the **PTT** button.

Scan

Your LXT-300/315 can scan all of the 22 channels to observe for any activity. To enter the scan mode, press the "SCAN" button. Your radio rapidly scans each of the 22 channels and stops on any active channel for about 5 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, press the "up" or "down" button. When you are in SCAN mode, the "SCAN" icon on LCD will be on. To exit the scan mode, press the "SCAN" button again.

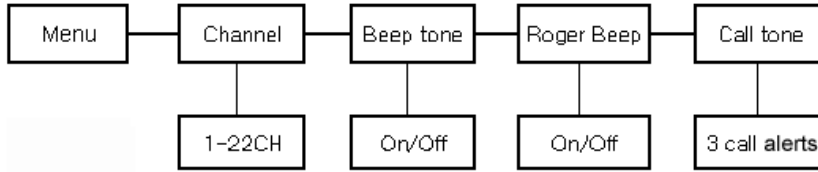
Keypad Lock

To avoid accidentally changing the radio settings, press "SCAN" for 2 seconds. The "Lock" icon appears on the display. When the "Lock" is active, the menu button and the volume up/down buttons are disabled. However, you are still able

to turn the radio off and on, TX/RX, and send a call tone when the radio is locked. To unlock, press the "SCAN button" for 2 seconds.

User Interface

To access the advanced features of your LXT-300/315 radio, it has the following menu functions:



Channel Selection

Your LXT-300/315 has 22 channels available. To change channels:

- With the radio on, press "Menu button" until the current channel segment flashes.
- Use "Up" button or the "Down" button to change the channel.
- Press the **PTT** button to save the new channel.

Keystroke Tone

Whenever you press a button, a "Beep" tone may be heard when this function is selected. To enable the "Beep tone, press "Menu" repeatedly until the "Beep tone Icon" appears on the display. Press the volume up or and volume down button, to set the beep on or off. To save your selection, press "Menu" again.

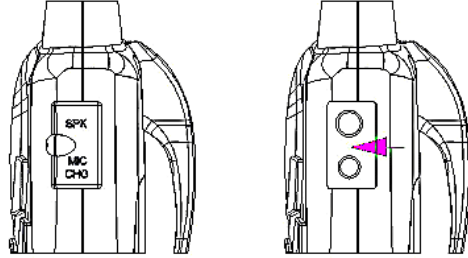
Roger Beep Tone

Whenever you release the **PTT** button, a "Roger Beep" tone may be transmitted to let your friends know you are finished talking. To enable the Roger Beep, press "Menu" repeatedly until the "Roger Beep Icon" appears on the display. Press Vol. Up or Vol. down button to set the Roger Beep tone on or off. To save your selection, press **PTT**.

External Speaker / Microphone Jack

Your LXT-300/315 can be used with an optional external speaker /microphone or headset. To use an optional speaker/microphone or headset:

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



Troubleshooting

Problem	Solution
No Power	Check battery installation and/or replace batteries
Cannot Receive Messages	<ul style="list-style-type: none">● Confirm the radios have the same channel settings.● Make sure that you are within range of the other transceivers.● Buildings and other obstructions may interfere with your communication.
Radio is not responding to button presses	<ul style="list-style-type: none">● Make sure key lock is not on.● Radio might need to be reset. Turn radio off then on.● Ensure accessory microphone is set properly
Charger not functioning	<ul style="list-style-type: none">● Contacts on the bottom of the radio may require cleaning.● Ensure the outlet that the charger is plugged into is functioning properly.● Check that the batteries are installed into the radio properly.

Technical Specification

Specification

- Channels : 22 channels
- Operating Frequency : UHF 462.5500 ~467.7125 MHz
- Power Source: four AAA alkaline or rechargeable Ni-MH Batteries
- Power Output: 1 watt HI, 0.5W on Lo

Current Drain

- Receive: 120mA max
- Transmit : 600mA max
- Standby: Average 20mA max

Operation Time

- Talk Time : 1.75 hours (With 4 "AAA" Alkaline batteries)
- Receive Time : 9 hours
- Standby Time : 53 hours
- Combined(5-5-90 duty) Time : 22 hours

Channel Frequency Chart

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

Accessories - Accessories can be purchased at www.midlandradio.com or fill in the form on the following page and mail it to our address.

AVP-H1-\$49.99
Open face helmet
Microphone kit



AVP-H2-\$49.99
Closed face helmet
microphone kit



AVP-H3-\$39.99
Surveillance Headset



AVP-H4-\$39.99
Ear Wrap Headsets



AVP-H5-\$39.99
Behind the Head Headset



AVP1-\$19.99
Pair of Headsets



ACCESSORIES ORDER FORM

Please send Money Order or fill in Visa/Master Card information and mail to the address below.
 Please DO NOT send cash or checks. Make Money Order to Midland Radio Corporation.

Name: _____
Address: _____
City: _____ **State** _____ **Zip Code** _____
Tel: _____ **email:** _____
CC# _____ **Type:** _____ **Exp.** _____

Qty	Item	Price	Total
	AVP-1	\$19.99	
	AVP-H1	\$49.99	
	AVP-H2	\$49.99	
	AVP-H3	\$39.99	
	AVP-H4	\$39.99	
	AVP-H5	\$39.99	

Sub-Total _____
 Tax (MO, CO, IL, FL only) _____
 S&H (U.S. only) _____ \$9.50

 Total \$ _____

Mail To:
 Midland Radio Corporation
 Consumer. Dept.
 5900 Parretta Drive
 Kansas City, MO 64120

 Or Call 816.241.8500.

 To order online go to
www.midlandradio.com

Limited Warranty

Midland Radio Corporation will repair or replace, at its option without charge, any Midland FRS/GMRS 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 or abuse.

This warranty does not include any carrying cases, earphones, or antennas, which may have been part of or included with the warranted product; or the cost of labor for removal or re-installation of the product in a vehicle or other mounting. Accessories (batteries, AC adapter, dual desktop charger) have a limited 90 day warranty. Under this warranty return the warranted product, freight prepaid, 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.

Midland Radio Corporation
5900 Parretta Drive
Kansas City, MO 64120
Tel: (816) 241-8500
E-mail: mail@midlandradio.com
URL: www.midlandradio.com

Come see our COMPLETE PRODUCT line at <http://www.midlandradio.com>



CB RADIOS



WEATHER RADIOS



VHF MARINE RADIOS

Midland Radio Corporation
5900 Parretta Drive
Kansas City, MO 64120

Call 816.241.8500

visit us at <http://www.midlandradio.com>

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<http://www.midlandradio.com>

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