

MIDLAND (TEAM MEMBER) RADIO-RELATED INFORMATION

When your radio is to be stored for an extended period, you should remove the batteries so that they will not corrode and damage the radio. You may need to reset the channel and privacy code on the radio when the batteries are reinstalled. See the attached instructions for battery removal and installation. Also use those instructions (or the steps below) for resetting the channel and privacy code. LWR CERT uses CTCSS privacy codes. You should make certain that the VOX function is turned off .

- Turn the radio on.
- *Set channel:* Press MENU once, then press the ▲ or ▼ buttons until you see the correct channel. Then press the PTT (Push-To-Talk) button.
- *Set CTCSS mode:* Press MENU twice, then press the ▲ or ▼ buttons to select "ct" (instead of "oF" or "dc"). Then press PTT.
- *Set CTCSS code #:* Press MENU three times, then press the ▲ or ▼ buttons to select code #. Press PTT.
- *If "VOX" is displayed on the screen, press the MENU key until "VOX blinks.* Then press the ▲ or ▼ buttons to select "oF" and press PTT.

During hurricane season, make sure that your radio has fresh batteries (for those radios using AA batteries) or that the battery is fully charged on a periodic basis (for those radios with rechargeable batteries). If your radio uses rechargeable Ni-Cd batteries, you should know how to use AA batteries if the Ni-Cd battery pack cannot be recharged. (LWR CERT will not replace defective Ni-Cd battery packs, i.e., those that will no longer hold a charge.)

In general, try to keep all messages as short and concise as possible while still sending all of the required information.

Since the first person to the assembly point becomes the Incident commander by default, each team member should know how to operate the IC radio to communicate with the CERT HUB radios. You should know where the IC radio is and how to access it. Operating instructions are given below.

OPERATION OF THE WOUXAN UVA-1 OR DB16X IC RADIOS

- Turn on the radio by rotating the knob on the top right of the radio clockwise. Turning the knob further clockwise increases the volume. Turning the knob counterclockwise reduces the volume and turns the radio off.
- Select the channel you want to use by rotating the center knob on top. For LWR CERT use, the channel number will correspond to the number of the HUB you wish to contact. For example, Team 36 would turn to channel 3, as HUB3 is their primary contact.
- To send a message, first check that no one is using that channel currently. If it is clear, press the large PTT key on the top left side of the radio, hold for 2-3 seconds, then speak your message. Release the PTT key when done.
- The team coordinator is responsible for ensuring that the team's IC radio is charged and operational.

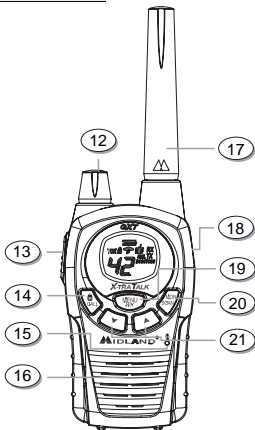
Turn on your IC radio ASAP so that you can receive any messages from CERT. Please remember that initial communications from your team to the HUB should (1) report the team's readiness and appraise CERT of team strength, and (2) report any emergency life-threatening situations. Later communications can address less threatening issues. You will be notified when those secondary communications can begin.

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 1–42 on GMRS/FRS band (1–10 on WX band).
5. **PRIVACY CODE** – Indicates Privacy Code selected by user (0F–38/0F– 104). It can only be used on Ch 1–22.
6. **BATTERY METER** – Indicates the battery level.
7. **VIBRATE ALERT ICON** – Indicates when the Vibrate Alert feature is on.
8. **RECEIVE (RX) ICON** – Indicates radio is receiving a transmission.
9. **TRANSMIT (TX) ICON** – Indicates radio is transmitting a signal.
10. **TRANSMIT POWER LEVEL ICON** – Indicates TX Power setting (H/M/L)
11. **PRIVACY CODE ICON** – Indicates Privacy Code setting (CTCSS/DCS).

CONTROLS

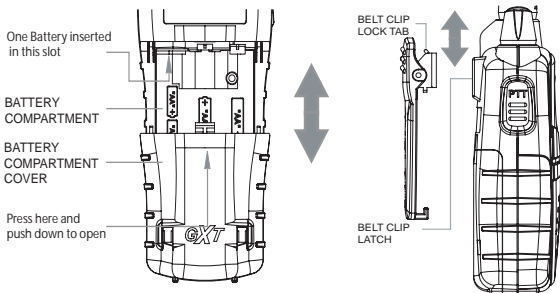


12. **POWER/VOLUME KNOB** – Turn clockwise to turn the power on and increase the volume level. Turn counter-clockwise to decrease the volume level and turn the power off.
13. **PTT Button** – Press and hold to transmit voice communication.
14. **CALL/LOCK Button** – Press to send a CALL Alert signal. Press and hold to turn KEY LOCK on/off.
15. **MIC** – Built-in microphone.
16. **SPEAKER** – Built-in speaker.
17. **ANTENNA**
18. **EXTERNAL SPEAKER/MIC JACK.**
19. **MENU/WX SCAN Button** – Press to access Menu mode. Press and hold for 5 seconds to activate the NOAA Weather Scan function.
20. **MONITOR/SCAN Button** – Press to enter SCAN mode. Press and hold to enter MONITOR mode
21. **UP ▲ and DOWN ▼ Button** – Make adjustments in MENU mode.

BATTERY INSTALLATION

Your GXT760/795 Series radio operates with either 4 AA alkaline batteries or an optional NiMH battery pack. 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 AA 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 down into the slot on the back of the radio until the **BELT CLIP LATCH** clicks. To remove the **BELT CLIP**, press the **LOCK TAB** down, then gently pull the belt clip up toward the top of the radio.

KEYPAD LOCK

To avoid accidentally changing the radio setting, press the **LOCK** button for 2 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.

DISPLAY ILLUMINATION

During Power on, the display illumination will activate for approx. 5 seconds. The display illumination can also be activated when the **MENU**, **MON/SCAN**, and **▼/▲** button is pressed.

CHANNEL SELECTION (GMRS/FRS BAND)

Press the **MENU** button once, and then the **▼/▲** buttons to select one of the 42 GMRS/FRS channels. To confirm the selection, press the **PTT** button or press the **MENU** button again to move to the next feature setting.


SETTING PRIVACY CODES

Your GXT760/795 Series has 142 **Privacy Codes** available. The selected **Privacy Code** may be different for each channel. To select a **Privacy Code** for the current channel press the **MENU** button twice, and then the **▼/▲** buttons to select between **Off/CTCSS/DCS**. Press again the **MENU** button and the **▼/▲** button to select one of the 38 **CTCSS Codes** or one of the 104 **DCS Codes**. 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 **MENU** button again to move to the next feature setting.

Note : If you select any **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 GXT760/795 Series radios, all radios in your group must be set to the same channel and Privacy Code. **The Privacy Code can only be set in channels 1~22.**

TRANSMIT (TX) POWER LEVEL SELECTION

Your GXT760/795 Series has 3 power level settings. To select the power level on channels 1~7, 15~33 and 38~42, press the **MENU** button until a "**P**" icon will appear blinking on the display. Then press the **▼/▲** buttons to select **TRANSMIT POWER LEVEL** icon (**H**: Hi/**M**: Mid/**L**: Lo). To confirm, press the **PTT** button or press **MENU** button again to move to the next feature setting.

When the Battery Meter drops to 1 bar , the TX Power will automatically switch from Hi(H) or Med(M) to Lo(L) level.

! **Note : You cannot adjust the power setting on the FRS channels (8-14 and 34-37). They are set to Low power per FCC regulations.**

VOX (Hands-free Transmission)

Your radio has 5 VOX level settings: (oF/1-5).

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 "**1-5**" by pressing the ▼/▲ buttons and push the **PTT** key, or press **MENU** button again to move to the next feature setting.

VOX will be more sensitive on the "**1**" setting than on the "**5**" setting.

To turn **VOX** off, press the **MENU** button until the display shows "**VOX**" blinking while on the right of the **CHANNEL NUMBER** display, a "**1-5**" icon appears. Select "**oF**" by pressing the ▼/▲ buttons and push the **PTT** key, or press **MENU** button again to move to the next feature setting.

SILENT OPERATION

Your GXT760/795 Series has a **SILENT OPERATION** mode. In this mode, all "beeps" and "tones" are disabled.

To turn the **SILENT OPERATION** mode on, press the **MENU** button until the display shows an "**oF**" icon while on the right of the "**oF**" display, an "**on**" icon appears. Select "**oF**" by pressing the ▼/▲ buttons and push the **PTT** key or **MENU** button.

To turn the **SILENT OPERATION** mode off, press the **MENU** button until the display shows an "**oF**" icon while on the right of the "**oF**" display, an "**oF**" icon appears. Select "**on**" by pressing the ▼/▲ buttons and push the **PTT** key or **MENU** button.

ROGER BEEP (end of transmission) TONE

When the **PTT** button is released, the radio will beep to confirm to other users that your transmission has finished.

To turn the **ROGER BEEP** tone on, press the **MENU** button until the display shows an "**rb**" icon while on the right of the "**rb**" display, an "**oF**" icon appears. Select "**on**" by pressing the ▼/▲ buttons and push the **PTT** key, or press **MENU** button to move to the next feature setting.

Additional Midland Radio Settings

Midland Models GXT 710/735/750/760

(See CERT web site, www.lwrcert.org, Radio Communications section, for complete instruction manuals for each radio.)

Display Symbol	Description	Notes
VOX	Hands free operation	To disable, use Menu until VOX blinks. Use up/down arrow buttons to select "oF." Press Push-to-Talk.
bP	Silent: Disables the beeps	
Rb	Roger Beep: Beeps at the end of the transmission	
CA	Call Alert: Lets you know someone is trying to reach you	
((((II))) Ub	Vibrate alert	
Wx	NOAA Radio	Press and hold Menu for 3 seconds to enable. Press Push-to-Talk to disable.
Lock icon	Keypad Lock	Press and hold lock/call key to enable/disable.

Midland Models GXT 900/950

(See CERT web site, www.lwrcert.org, Radio Communications section, for complete instruction manuals for each radio.)

Display Symbol	Description	Notes
Gr	Group Mode: Setting to talk to one person only in your group.	
Sc	Scrambler: Scrambles messages so only those with Scrambler on can hear.	