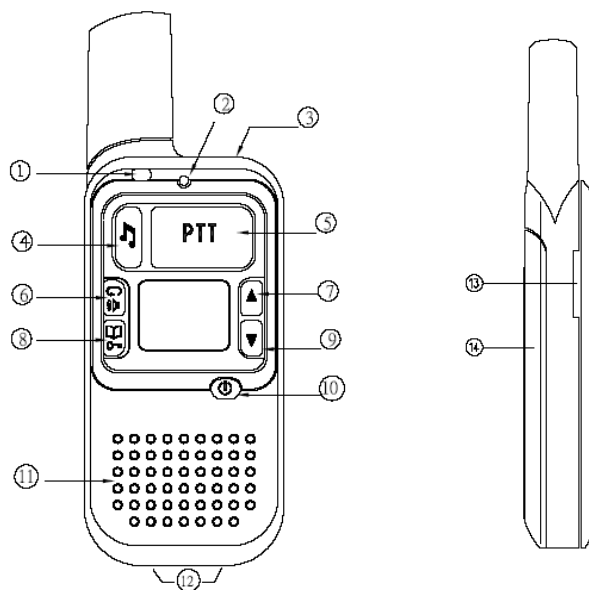


462/ 467MHz GMRS & FRS 2-Way Radio

Model: WT-202

FEATURES

1. 22 Channel – GMRS & FRS version
2. 38 CTCSS code
3. VOX (3 Levels of Sensitivity)
4. 10 Group Call Tone Selection
5. Key Lock
6. Scan



1. Transmit LED indicator
2. Microphone
3. Earphone and Wall Charger jack
4. Call Key
5. Scan / Monitor Key
6. Menu / Lock Key
7. PTT (Push To Talk) Key
8. Up Key
9. Down Key
10. Power On/Off Key
11. Speaker
12. Desktop Charger Pins (Desktop Charger is option accessory)
13. Detachable Belt Clip Hold (Belt Clip is option accessory)
14. Battery Cover

Battery Installation

1. Press the battery door knob to take off the battery door.
2. Follow ↑ “This side up” and +/- direction to install the Li-ION battery pack into the compartment.
3. Replace the battery door.

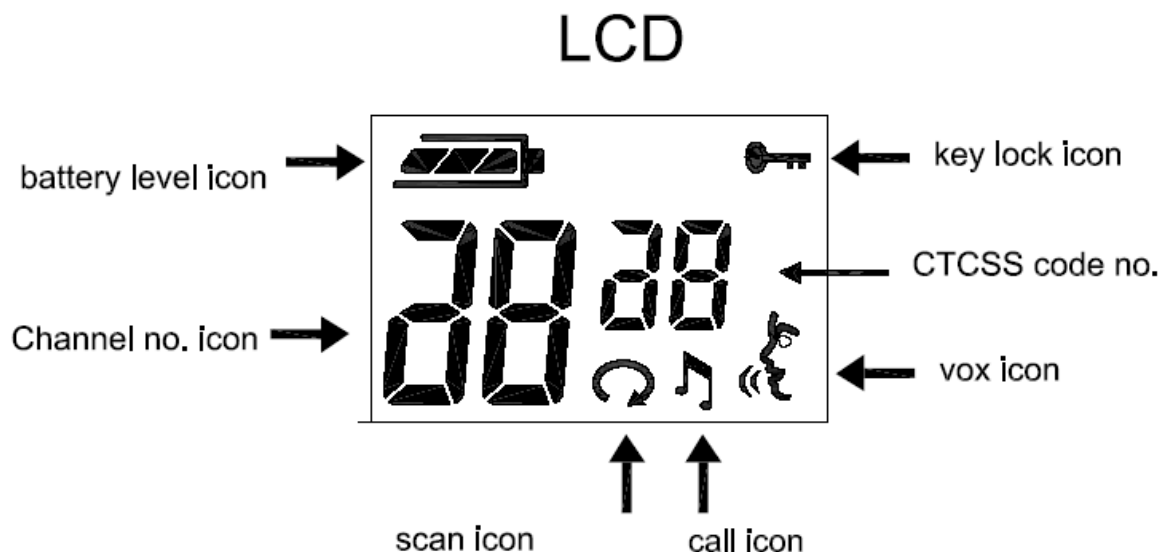
Warning:

- A. Reverse the polarities of battery would damage the unit and the battery.**
- B. Do not replace the battery with other brand name or type of battery, otherwise, the unit will not work or be damage.**
- C. When battery level low, recharge the battery with the adaptor or desk top charger enclosed. Do not use other brand name or type of charger to recharge the battery, otherwise, the unit & battery will be damage.**
- D. If you're not going to use the unit for a long period of time e.g several weeks, please take out the battery. Otherwise, it will erode and damage the battery.**
- E. When battery damaged or not working, disposed it safely. Never turn them or put them close to heart, otherwise, it may cause explosion.**

Power On / Off the unit

To power on the radio, press Power On/Off Key for 3 seconds until hear a beep and LCD display the Channel no. and battery level icon.

To power off the radio, press Power On/Off Key for 3 seconds until LCD display turn off.



Menu Flow chart

Menu → Main channel → CTCSS → Call tone → VOX sensitivity → VOX overtime

Note: Press PTT Key to confirm and escape.

MAKING COMMUNICATIONS

The Radio has 22 main channels & 38 CTCSS code. You can communicate with any other user who is using the same main channel.

Speak to other radio

1. Press & hold the PTT key, transmit LED turn on.
2. Hold the unit in a vertical position with the Microphone 5-8cm from the mouth and then speak
3. When you finish speaking, release the PTT key and you will hear a beep tone.

Listen to other radio

1. When you press the PPT key, you can not listen to other radio. Make sure you do not press the PTT key for listening.
2. Adjust volume control if necessary.

ADJUSTING SPEAKER VOLUME (8 level)

1. Press the “▲” button to increase the volume.
2. Press the “▼” button to decrease the volume.

OVERTIME FUNCTION

1. Overtime function can avoid transmitting by chance and to prolong the battery life.
2. The radio will end to transmit and utter a warning tone when PTT is held over 60 seconds. You then need to release PTT and press it again for further transmission.
3. In VOX mode, the unit will stop transmitting and utter a warning tone after continuing talk for 60 seconds. You can re-activate VOX after the overtime stop. (Please refer to VOX function for details VOX operation)

SELECT CHANNEL

You can communicate with any other user who is using the same channel.

To set the main channel

1. Press the “menu” key once, the channel number display will flash,
2. Press “▲”, “▼” key to select your desired main channel.
3. Press the “PTT” key to confirm, the channel number display will stand.


CTCSS code function

This function can help you to identify your group of users among the same channel. Only the users with the same CTCSS tone can listen and talk to each other, but all the users on the same channel can listen to the conversation.

To select a CTCSS code

1. Press the "menu" key twice , the CTCSS code display will flash,
2. Press "▲", "▼" key to select your desired the CTCSS code (1~38, "0" is off)
3. Press the "PTT" key to confirm, the CTCSS code display will stand.

SCANNING CHANNEL

1. Press "Scan / Monitor" Key, LCD display  icon. It will start to scan channel automatically.
Note: If press and hold the button over 2 seconds, it will break the squelch noise and listen to the current channel.
2. The unit scans all channels one by one it will stay on the occupied channel. Press "▲"Key to continue scanning.
3. If there is no signal, it will continue to scan. Press PTT key, it will stay on the current channel and continue to scan after 5 seconds.
4. Press "Scan/Mon" Key to quit and return to current channel.

Note: Occupied Channel means main channel and CTCSS code are same.

TALK RANGE

It is a unique design, excellent performance and good communication range Radio. The communication range is excellent in open field and is vary in different environment:

Optimal Range – range up to 3 km in open field


Medium Range – reduced range in area with obstacle of trees, houses.

Shortest Range – further reduced range in dense forest, high mountain, tall building area.


Warning - Do not transmit within 1.5 meter among other radio because of interference.

SENDING CALL TONES

You can use Call Tones to get the attention of other people with radios on the same channel and CTCSS tone. You can also use Call Tones as the signal of the start or end of a transmission.

1. Press "CALL" key, LCD display  icon and your call tone will be transmitted to nearby receivers set at the same channel.
2. The call tones have 10 kinds of sound for personal selection.

Select call tones


1. Press "MENU" key three times, LCD display  icon and call tone number will flash,
2. Press "▲", "▼"key to select your desired the call tone

3. Press the "PTT" Key to confirm, the call tone number display will stand.


VOX - HANDS-FREE FUNCTION

The Radio has a built-in Voice Activated Circuit (VOX) function. You can connect the radio with the earphone for hands-free talking and listening without pressing PTT Key.


To turn on VOX function

1. Press "MENU" key four times, LCD display  icon and VOX sensitivity digit display will flash
2. Press "▲", "▼" key to select 1, 2, 3 for low, medium & high sensitivity. (0 is off)
3. Then press MENU key again, the digit of VOX overtime digit will flash.
4. Press "▲", "▼" key to choose overtime from 1 to 5 seconds
5. After turn on VOX, you need to connect the earphone to use the hands-free function. See below steps.

Use VOX with earphone

1. Press "Power On/Off" key to power off the radio.
2. Plug the earphone into the earphone jack
3. Press "Power On/Off" key to power on the radio, LCD display  icon.
4. Set the earphone microphone close to your mouth (1~3 cm) and speak to the microphone, the radio will transmit automatically.
5. Stop speaking, depends on Overtime setting, the radio will stop transmit and go into receiving status.
6. Adjust the volume to comfortable level if necessary.


KEY LOCK

1. Press and hold "MENU" key for 1.5 second, LCD display  icon
2. After that all key are locked except PTT and CALL key.
3. To unlock, press and hold MENU key for 1.5 second again

RECHARGING BATTERY

When LCD display battery level is low, you must charge the battery with the enclosed AC/DC ADAPTER or Desktop Charger. The unit have a built-in charging current limit circuit, when the battery fully charge, the circuit will cut the charge current automatic to protect the battery.

With AC/DC Adaptor:

1. Plug the adapter into the wall socket and another end plug into the earphone jack
2. The LCD display Battery Level icon flashing when it under charging.
3. Recharge the battery for 4 hours and unplug the adaptor to stop charging.
4. The Battery Level display full bar  after charging.

Warning: Use only the enclosed AC/DC adaptor or desktop charger. Do not use other brand or type of adaptor or desktop charger, otherwise, it will damage the radio and battery.

GMRS LICENSE

USE OF THIS RADIO WITHIN THE UNITED STATES REQUIRES AN FCC GMRS LICENSE. AN INDIVIDUAL 18 YEARS OF AGE OR OLDER, WHO IS NOT A REPRESENTATIVE OF A FOREIGN GOVERNMENT, IS ELIGIBLE TO APPLY FOR A GMRS SYSTEM LICENSE. YOU WILL NEED TWO FORMS FROM THE FCC; FCC FORM 159 AND FCC FORM 605 MAIN FORM AND SCHEDULE F. YOU CAN FIND THE FORMS ONLINE AT: [HTTP:// WWW.FCC.GOV/FORMPAGE.HTWL](http://www.fcc.gov/formpage.html) ,OR CALL 1-800-418-3676.

To maintain compliance with the FCC's RF exposure guidelines, hold the transmitter at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away.

Use only manufacturer authorized accessories such as the headset provided. Any other non-metallic accessories or accessories that do not contain any metals may be used, such as an all plastic belt-clip or storage case.

Unauthorized antennas, modifications, or attachments could damage the transmitter and may violate FCC rules.

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