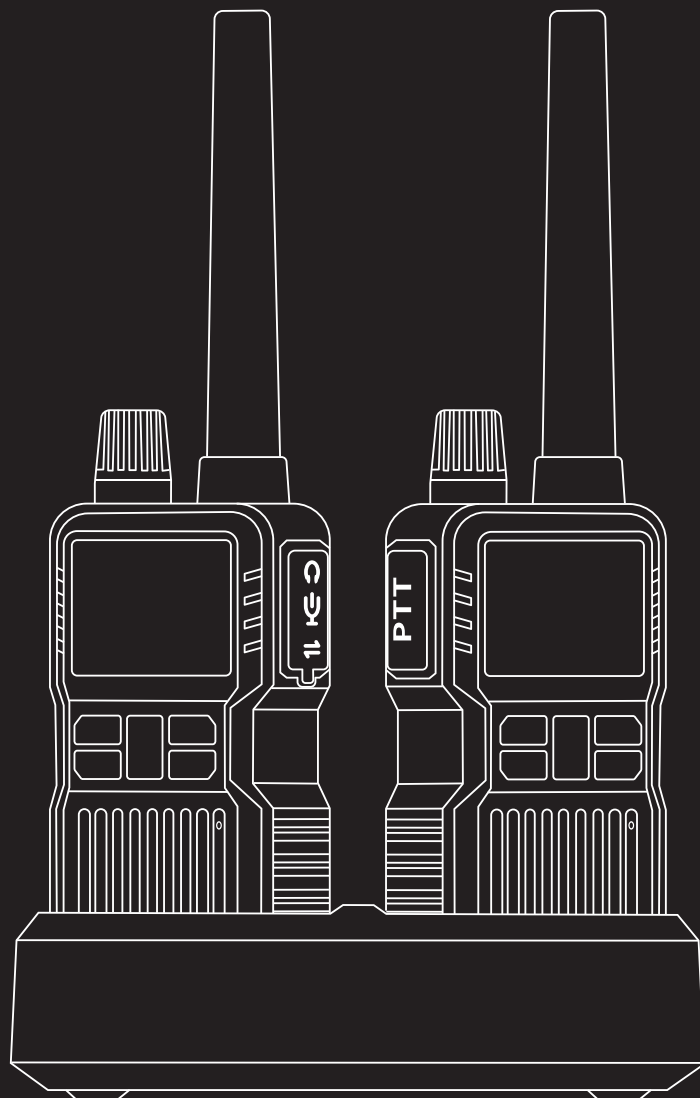# MIDD KACY
TWO WAY RADIO

PROFESSIONAL QUALITY TRUSTWORTHY

GMRS

GU2 User manual
Please read this manual carefully and keep it in a safe place.

◆ Contents

Before operating the radio, please read all safety and operating instructions. Save all instructions in a safe place for future reference.
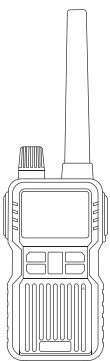

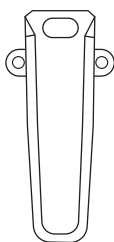### ⚠ WARNING: Important Safety Instructions

1. Only accessories included in this package or specified by the manufacturer should be used with the radio. The 5V USB Type-C charging input is compatible with most high quality USB Type-C chargers that fully conform to the USB standards.

2. Do not use cleaners or solvents to clean the exterior of the radio. Use only a damp or dry cloth.

3. Do not attempt to service the radio yourself. Removing the cover will void the warranty. Changes or modifications not expressly approved by Distributors may void the user's authority granted by the FCC to operate this device and should not be made.

4. Do not plug the wall adaptor into the power outlet if the outlet is wet.

5. Do not use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

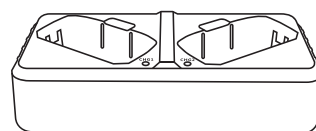## 01 ◆ Product Packaging

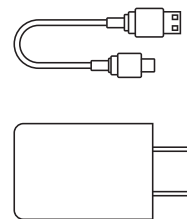Radio *2   Belt clip *2   Wrist Strap *2   Desktop Charger *1   Charger Case *1

Note: This is a packaging slip for a pack of two items. The quantity listed in the product catalog may vary according to different product quantities.

⚠ WARNING: Important Safety Instructions for Battery

Read All Instructions

- Do not incinerate the battery even if it is severely damaged or is completely worn out.

- Do not discard battery in a fire. The battery pack can explode in a fire.

- Do not replace battery in any area labeled "Hazardous Atmosphere". Any sparks created in a potentially explosive atmosphere can cause an explosion or fire.

- Do not disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.

- Do not dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.

- A small leakage of liquid from the battery cells may occur under extreme usage or temperature conditions. This does not indicate a failure. Do not open, deform or mutilate the battery as there may be corrosive materials which can cause damage to eyes or skin and may be toxic if swallowed.

However, if the outer seal is broken and this leakage gets on your skin:

a. Wash quickly with soap and water.
b. Neutralize with a mild acid such as lemon juice or vinegar.
c. If battery liquid gets into your eyes, flush them with clean water for a minimum of 10 minutes and seek immediate medical attention.


This product uses Lithium Polymer Battery.
Do not transport package if damaged, a fire hazard could exist.

Recycle Battery

Local, state or federal laws may prohibit disposal of batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and / or disposal options.

Staying in touch is convenient and easy when using your radio. Some of the many uses you will discover include:

Installing Belt Clip
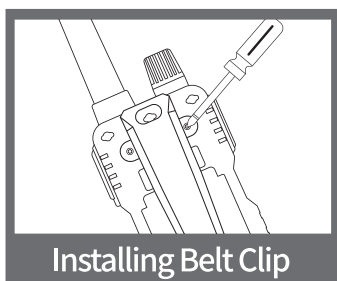
Communicating with others while hiking, biking, and working; keeping track of family and friends at a crowded public event; checking with travel companions connecting with neighbors; arranging meeting spots with others while shopping at the mall, talking with your colleagues in warehouse or jobsite.
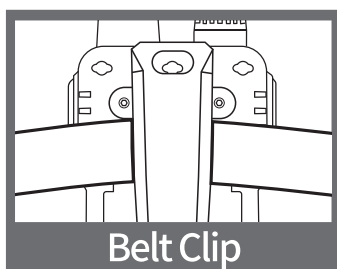
Belt Clip

Installing the Belt Clip.

Place the belt clip in the reserved position on the back of the radio, and use the screwdriver in the package to tighten the screws on both sides of the belt clip. The belt clip is installed.

Wrist Strap

Secure your radio while on the go.

When in use, it can be directly clipped onto your belt, purse, or backpack.

If you need to install a wrist strap, pass it through the circular hole at the top of the belt clip and tighten it to secure it to the clip.

Quick Trial

1. To turn the radio on, turn the knob clockwise. To turn the radio off, turn the knob counterclockwise.

2. Select a desired channel (Channel 1 is set as the default channel with no privacy code, allowing direct communication for trial use.)

3. Press and hold the **PTT** button while speaking into the microphone.

4. When finished talking , release the **PTT** button and listen for a response.

Exposure to high volume sound levels may cause temporary or permanent damage to your hearing. Although there is no single volume setting that is appropriate for everyone, you should always use your radio with the volume set at low level and avoid prolonged exposure to high volume sound levels.

1. Set the volume control in a low position and use as low a volume as possible.
2. Avoid turning up the volume to block out noisy surroundings. Whenever possible, use your radio in a quiet environment with low background noise.
3. Limit the amount of time you use headsets or earpiece at high volume levels.
4. When using the radio without a headset or earpiece, do not place the radio's speaker directly against your ear.
5. Observe all signs and instructions that require an electrical device or RF radio product to be switched off in designated areas, such as gas/refueling stations, hospitals, blasting areas, potentially explosive atmospheres, or aircraft.
6. If you experience a skin irritation after using this product, discontinue use and seek medical attention.
7. If the product or charger: overheats; has a damaged cord or plug; has been dropped or damaged; has been dropped into water, disconnect any charger from its power supply, discontinue use of the product.

Electromagnetic Interference

Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility. Turn off your radio in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

- When instructed to do so, turn off your radios when on board an aircraft. Any use of a RF device must be in accordance with applicable laws, requlations and airline crew instructions.
- Some radios may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer or physician to discuss alternatives.
- If you use any other personal medical device, consult the manufacturer of your deivce to determine if it is adequately shielded from RF energy. Your doctor or physician may be able to assist you in obtaining this information.

Control Buttons
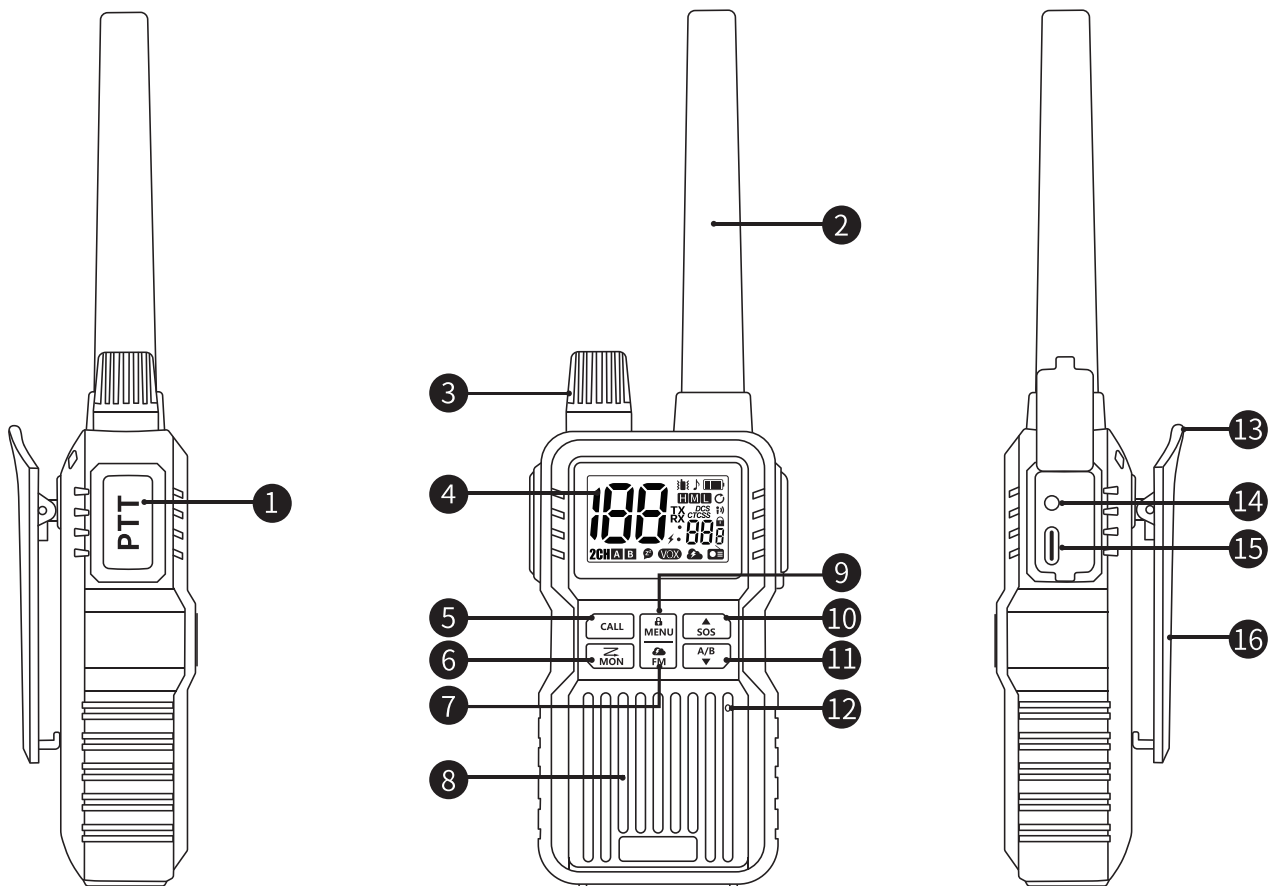
ANNOTATION

1. PTT/OK button (Push-to-Talk)

2. Antenna

3. Power/Volume Knob Button

4. LCD Display

5. CALL button

6. Scan/Monitor button

7. Weather / FM Radio Button

8. Speaker

9. Menu/Lock button

10. Select+/SOS button

11. A/B swap/Select-

12. Microphone

13. Wristband connection

14. 2.5mm headphone jack

15. Type-C charging port

16. Belt clip

Backlit LCD Display
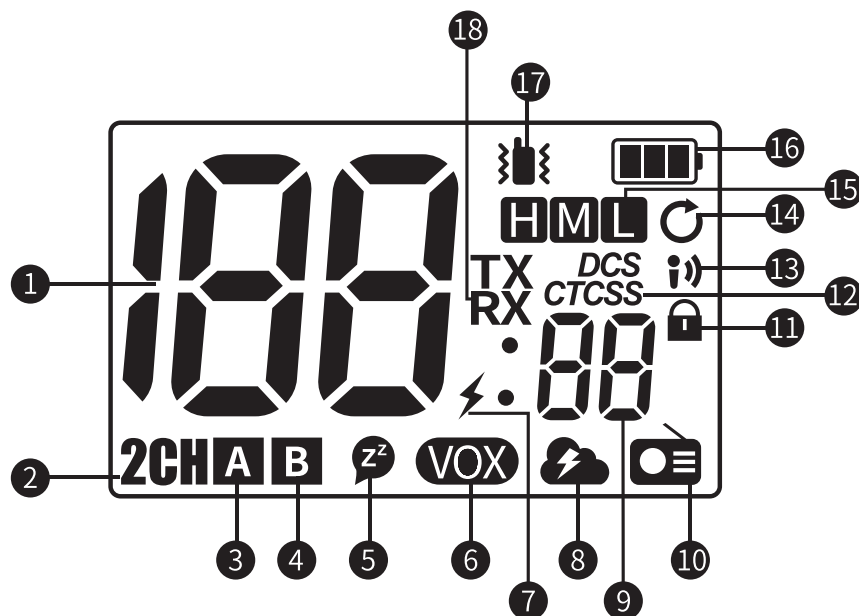
Features

- IP55 Waterproof and Dustproof
- 60 Channels + 121 Privacy Codes
  (38 CTCSS codes+83 DCS codes)
- Dual Watch
- A/B transmission channel selection
- High, medium and low power selection
- 11 NOAA weather channels/weather alerts
- FM radio
- VOX voice control mode
- SOS local alarm/transmission alarm
- Key lock
- 10 call tones
- Whisper mode
- Silent charging (sleep mode)
- End reminder tone
- Key backlight
- Vibration reminder
- Scanning channels
- Monitoring mode
- Power saving mode

1. Channel Numbers
2. Dual Watch
3. Main channel transmission
4. Sub-channel transmission
5. Silent Charge Icon
6. VOX Icon
7. Power Saving Icon
8. NOAA Weather Band Icon
9. Privacy Code Channel
10. Radio(FM) Icon
11. Keypad Lock
12. DCS/CTCSS icon
13. Whisper Icon
14. Scan Icon
15. High/Medium/Low Power
16. Battery Level Indicator
17. Vibra Icon
18. Transmit/Receive status

Replace the battery

Remove Belt Clip
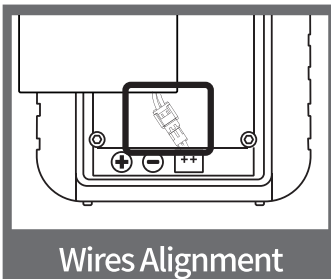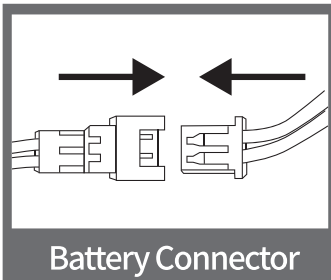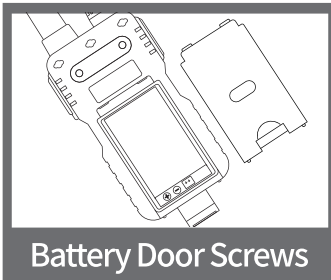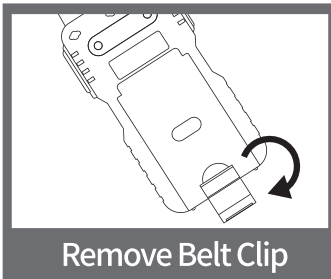
The battery of this radio is installed at the factory and should not be removed unless necessary.

If the battery becomes damaged and needs to be replaced, follow these steps for installation:

1. Open the buckle at the bottom of the radio.

Battery Door Screws

2. Remove the battery cover.

Note: You can replace the battery directly without removing the belt clip, but it is removed here for better display.


Battery Connector

3. Place the battery inside battery compartment and align the wires as shown.

Ensure the battery connector with cables is tucked into the hole located at bottom.

Wires Alignment

Wires are required to be inserted into the battery compartment completely and carefully. If any object interferes with the sealing ring, the compartment's sealing performance will be affected.

4. Place the battery compartment cover, fasten the buckle at the bottom of the radio.

Range

Maximum Range

Reduced Range
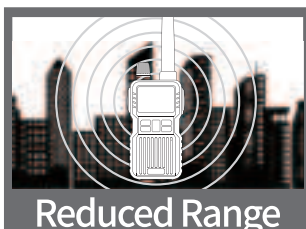
Your range will vary depending on terrain and conditions.

In flat, open areas your radio will work at maximum range.

Buildings and foliage in the path of the signal can reduce the range of the radio.

Dense foliage and hilly terrain will further reduce the range of the radio.

Before using the radio, please ensure that it is fully charged. It is likely that a newly purchased radio's battery may not be fully charged, with the battery level possibly being less than 80% or even as low as 20%. To avoid any inconvenience during your usage, it is recommended to fully charge the battery before using the radio. This will ensure optimal performance and a better user experience.

For charging radios with the belt clip in desktop charger:
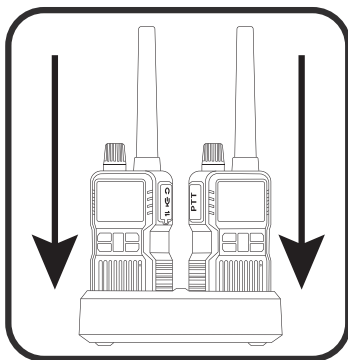
1. Insert radio(s) into desktop charger as shown.
2. Insert the USB **Type-C** cable into the jack on back of the charger.
3. Plug the cable into USB compatible power port. For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.

The radio is charging and the red light is on. When charging is complete, the green light is on.
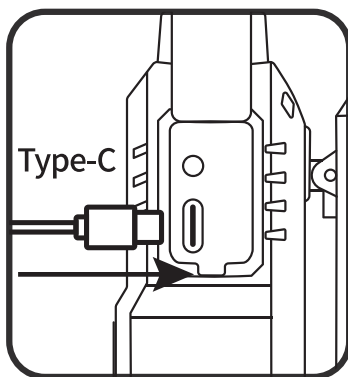
Type-C

Charging the radio with a cable:

To charge a single radio, you can bypass the desktop charger and plug the **Type-C** charging cable directly into the charging jack on the right side of the radio.

The radio will display flashing battery icon while charging.

Silent charging

The radio is equipped with a silent charging function, which disables the reception of regular two-way calls during charging, but still allows the reception of weather alerts as well as the reception and transmission of emergency alerts.

Note:
To ensure that your radio is always fully charged and in an alert state, we recommend that you connect it to a power source and keep it turned on.

IP55 Weatherproof

This radio is weatherproof to IP55 standards. lt is splash-proof from any direction. The radio is resistant to water and rain splashes only when the battery cover, headset accessory port, and USB-C ports are sealed. Open the battery compartment door or headset port cover only when the radio is dry. Use of a headset accessory should be in dry environments only. The USB-C adaptor is not weatherproof. Therefore:
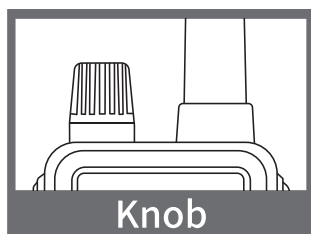
1. DO NOT expose to rain or snow.
2. Charge the radios only in a dry location.
3. DO NOT charge wet radios.

Auto Squelch

Your radio will automatically filter out weak transmissions and unwanted noise due to terrain, conditions limit.

Turning on Your Radio

Turn the knob clockwise to turn the radio on and counterclockwise to turn it off.

Knob

1. When turned on, the radio chimes and briefly displays an icon of all the functions available on the radio.
2. The display will show the current channel/code and all enabled functions.

Adjusting the Volume

In any mode, turning the knob clockwise increases the volume, and turning the knob counterclockwise decreases the volume.
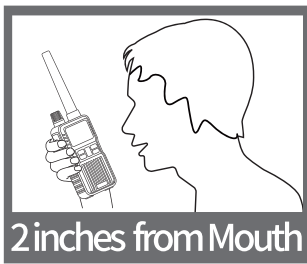Note: Do not put the radio close to your ears. If the volume is too loud, it may hurt your ears.

Call Button

Press and release the **CALL** button.
The other person will hear a three second call tone. This tone is used only to establish voice communications.

Communicating with Another Person

2 inches from Mouth

1. Press and hold the **PTT** button.The screen will display the " **TX** " icon.
2. Position the microphone about 2 inches (5 cm) from your mouth, speak in a normal voice.
3. Release the **PTT** button when you are finished talking and listen for a response.

You cannot receive incoming calls while pressing the **PTT** button.

1. Both radios must be tuned to the same channel and privacy code to communicate.
2. This radio is equipped with default Privacy Code on each channel for minimizing unwanted signals from others. See **page 15** to modify the channel and privacy code for the radio.

Listening for a Response

Release the **PTT** button to receive incoming transmissions. The screen will display the " **RX** " icon. Your radio is always in Standby mode while the **PTT** buttons are not pressed.

The "**CALL**" button also has a reverse menu function, when using the "MENU" search function, press the "**CALL**" to rewind to the previous option.

The "**CALL**" button can also be used as a stopwatch, long press the "**CALL**" key for 3 seconds will appear stopwatch, press the ▲ button to start counting, the maximum time can be 100 minutes.

Battery Save Mode

If there are no transmissions within 10 seconds, the radio will automatically switch to **Battery Save Mode**.
This will not affect the radio's ability to receive incoming transmissions.

Battery Low

| |
|---|
| [battery icon] |
| Battery Low |
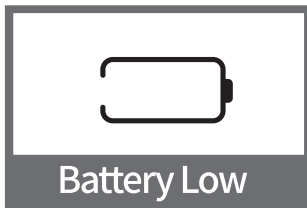
When the battery is low, the **battery bar** in the battery icon will be emptied and the radio will **beep** every minute to show your battery needs to be recharged.

NOAA Weather Band

Your radio includes an NOAA weather function, allowing you to listen to 11 channels of NOAA weather broadcasts from the National Oceanic and Atmospheric Administration.

11 RX
NOAA channel 11

To select a weather channel:
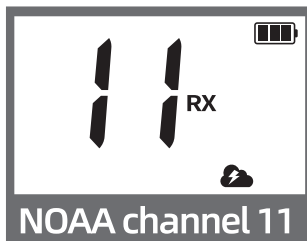
1. Press the [FM] button once to enter weather mode, where you can listen to the current weather channel.

2. In weather mode, press the **MENU** button to make the weather channel blink. Then press the [▲] or [▼] button to select the desired weather channel.

3. Press the **PTT** or **MON** button to confirm and return to weather listening mode, or press **MENU** to continue setting weather alarms.

4. Press the **PTT** or **MON** button again to return to standby mode.

NOAA Weather Alerts

Your radio has an NOAA weather alert function, enabling you to automatically receive weather alerts from designated NOAA stations.

Turn weather alerts on or off:

11 RX ON
Weather Alerts on

1. In weather mode, press the **MENU** button to make the weather channel blink. Then press the [▲] / [▼] button to select the weather channel you want alerts from.

2. Press the **MENU** button again to make **OF** or **ON** blink on the right side of the weather channel code.

3. Press the [▲] / [▼] button to choose to turn weather alerts on or off.

4. Press the **PTT** / **MON** button to confirm and return to weather listening mode.

5. Press the **PTT** / **MON** button again to return to standby mode, and the " [icon] " icon will be displayed. The weather alarm mode has been successfully activated.

Note:

1. NOAA weather stations are designated to cover specific areas, and services may be limited. Please consult your local meteorological bureau for frequencies and detailed information, or visit the United States **www.weather.gov/nwr** to find suitable transmitters in your area. The use of the NOAA logo does not represent approval or implied approval by the NOAA National Weather Service.

2. As with two-way radio reception, weather channel reception depends on your distance from the transmitter and whether you are indoors or outdoors. Since weather channel transmissions are uncoded, they may contain static or noise.

FM Radio

The walkie-talkie features an FM radio function, capable of receiving all stations within the frequency range of 87.5 MHz to 108.0 MHz.

Entering the FM radio:

Press the [FM] button twice until the " 📻 " icon appears, entering the FM radio mode.

Fine-tuning the station frequency:

Once in FM radio mode, press the ▲ or ▼ button to set the FM radio frequency.

Automatic station scanning:

In FM radio mode, hold the ▲ or ▼ button for 3 seconds. It will automatically scan forward or backward for stations with signals, stopping immediately upon finding one and staying tuned to that station.

To turn off the FM radio:

Press the [FM] button again to turn off the FM radio and return to standby mode.

1. Radio reception is highly dependent on your surroundings. Moving to an outdoor highland with no obstacles can provide the best experience.

2. Intercom signals can be received in FM radio mode. After receiving the intercom signal, if there is no other operation, it will automatically return to FM radio mode after 6 seconds.

3. Weather alerts cannot be received in FM radio mode.

Keyboard lock

To avoid accidental changes to the radio settings, press and hold the ⬛MENU button for 3 seconds. The " 🔒 " icon will appear on the display screen, and only the **PTT** and **CALL** will remain active. Repeat the same steps to unlock the keypad.

Monitoring mode

When the current channel signal is weak, you can press and hold the ⬛Z/MON button to enter monitoring mode. Release the button to exit monitoring mode.
With monitoring mode on, you can listen to all conversations on the current channel, regardless of whether privacy codes are set.

Channel Scan

The radio can automatically scan your channel and privacy code combinations from 1-60.

To start scanning：

Short press the ⬛Z/MON button to start scanning channels. The" ↻ " icon appears, and the channels and privacy codes begin to scroll.

While scanning is active, you can perform the following operations：

1. Change scanning direction: Press ▲ or ▼ briefly to change the scanning direction.
2. **Resume scanning:** After detecting a radio signal, press ▲ or ▼ briefly to resume scanning.
3. **Cancel scanning:** Press the **MON** button briefly to cancel scanning and return to standby mode.
4. **Save scanned channel:** When a radio signal is detected, stop scanning. Press **PTT** on the left side of the radio briefly to save and stay on the scanned channel, entering standby mode.

Tip: When a radio signal is detected during scanning, the radio will stay on the scanned channel. If the radio signal stops transmitting or no other operations are performed, the radio will continue scanning after 5 seconds.

A/B transmission channel switching

After turning on the Dual-Watch mode (2CH), press and hold the [A/B ▼] button for 3 seconds to switch the transmission channel. A in the display represents the main channel and B reprsents the 2CH sub-channel.

The [A/B ▼] button switching function is only available in 2CH Dual-Watch mode. It cannot be used if 2CH Dual-Watch mode is not enabled.

Factory data reset

If you encounter a program bug or have set parameters that you are not familiar with, you can perform a restore operation, which will reset all settings to their factory state.

First, turn off the radio. While it is powered off, hold down the **CALL** button and then turn the **knob clockwise** to power on the radio. The channel will change to Channel 1, and the privacy code will be set to "off," indicating that the factory reset has been successfully completed.

07 ◆ Mode Functions

Scrolling Through the Mode Function

By scrolling through the **MENU** function, you will be able to select or turn on preferred features of your radio. When scrolling through the **MENU** function, your radio features will be displayed in the same predetermined order:

MENU Button

OK+Next

Back

OK+Standby

Scroll

Button function in setting state
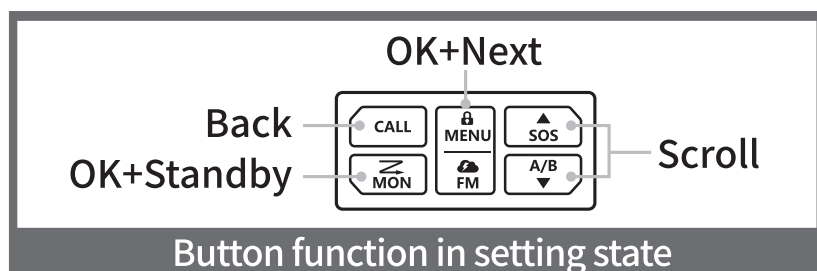
■	Channel	60 channels
•	CTCSS / DCS Select	off,CTCSS,DCS
•	Privacy Cades (1-38/1-83)	121 Privacy Codes
•	VOX setting	off, 01~09L
•	Power Saving	off, 01~04L
•	Call Ringtone selection	10 call ringtones
•	Key Tone setting	on or off
•	Roger Beep Confirmation Tone	on or off
•	Screen backlight	on or off
•	SOS Help Options	on or off
•	Whisper mode	on or off
•	Silent Charge (Sleep pattern)	on or off
•	Vibration Alert	on or off
•	Dual Watch	on or off
•	Channel (B)	60 channels
•	CTCSS / DCS Select (B)	off,CTCSS,DCS
	Privacy Cades (1-38/1-83) (B)	121 Privacy Codes
	High/Medium/Low Power	high,medium,low

When the 2CH Dual-Watch is enabled, the menu for setting the channel and code of **2CH B** will appear. It will be hidden when Dual-Watch is disabled.

Selecting a Channel

The radio has 60 channels, of which channels 1-22 are compatible with other brands of two-way radios. Channels 23-60 are fixed pre-programmed channels.

Channel Selection:

1. Briefly press and release the **MENU** button, and the channel number will blink.

2. Press the ▲ / ▼ button to select a channel. (You can hold down the ▲ / ▼ button to quickly advance.)

Select Channel

3. Press **PTT** or **MON** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

Tip: If no button is pressed within 10 seconds, it will automatically return to standby mode.

Privacy Codes

The radio has 121 anti-interference privacy codes. They can help reduce interference from other users. CTCSS codes 1-38 are standard analog codes. DCS codes (1-83) are digital codes added to better prevent interference.

Setting CTCSS/DCS Privacy Codes:

CTCSS/DCS

CTCSS Code
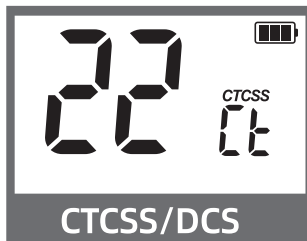
1. Press the **MENU** button until the code area starts flashing.

2. Press the ▲ or ▼ button to select the type of code you want to set.

OF	OF : Off Privacy Code
CTCSS	01 ~ 38 : Standard Analog Code
DCS	01 ~ 83 : Digital Code
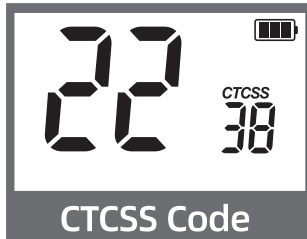
3. Continue pressing **MENU** to set the privacy code number.

4. Press the ▲ or ▼ button to select the code number. (Press and hold these buttons to quickly cycle through the codes)

5. Press **PTT** or **MON** to save the setting and return to standby mode. Or press **MENU** to continue with other settings.

1. The code type must be consistent on the same channel to communicate. CTCSS code 01 cannot communicate with DCS code 01.
2. The channel and privacy code type and privacy code number must be consistent to communicate.

Communicate with other brands of radios:

The following is the code correspondence method, which may be slightly complicated.

Example: Radio A is channel 22, 99 privacy codes
The CTCSS code (1-38) of the **G-U2** radio corresponds to the code (1-38) of radio A.
The DCS code (1-61) of the **G-U2** radio corresponds to the code (39-99) of radio A.
If the **G-U2** radio is DCS code 01, the code of radio A needs to be set to 39.
The calculation method is: DCS code number + 38 = the code of radio A. 1+38=39.

Voice Activated Transmit（VOX）

In VOX mode, your radio can be used **"hands-free**," automatically transmitting when you speak. You can set the VOX sensitivity level to fit the volume of your voice and avoid transmissions triggered by background noise.

Voice-Activated Transmission (VOX):

1. Press the **MENU** button until the " **VOX** " icon appears.
2. Press the ▲ / ▼ button to turn VOX on or off.
3. Press **PTT** or **MON** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

OF: Turn off VOX mode.
1-9: Turn on VOX mode and set the VOX sensitivity.

The VOX sensitivity level is displayed as numbers 1-9, where number 9 is the most sensitive level and number 1 is the least sensitive level.

Power Saving

Power-Saving Settings:

1. Press the **MENU** button until the " ⚡ " icon appears.
2. Press the ▲ / ▼ button to select a power-saving level.
3. Press **PTT** or **MON** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

OF: Turn off power-saving mode.
1-4: Turn on power-saving mode and set the power-saving level.

Among them, level 4 is the most energy-efficient, and it is recommended to set the power-saving level to 3. Please set the power saving level as needed, excessively high power saving levels may cause some voice loss.

Call Alarm

Call Alarm settings:

1. Press the **MENU** button until the letter " `CA` " is displayed.
2. Press the ▲/▼ button to select the call tone. There are 10 call tones to choose from.

Call Alarm

3. Press **PTT** or **MON** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

Key Tone

When the key tone is enabled, a sound will be emitted every time a button is pressed.

Key Tone On/Off:

1. Press the **MENU** button until the letter " `to` " is displayed.
2. Press the ▲/▼ button to select whether to enable or disable the key tone.

Key Tone On

3. Press **PTT** or **MON** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

Roger Beep Confirmation Tone

When you release the **PTT** button after speaking, your audience will hear a confirmation tone. This will alert them that you have finished speaking and they can proceed to talk.

Roger Beep Confirmation Tone:
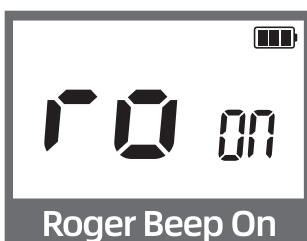
1. Press the **MENU** button until the letter " `ro` " is displayed.
2. Press the ▲/▼ button to select ON or OFF for the Roger Beep confirmation tone.

Roger Beep On

3. Press **PTT** or **MON** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

Display backlight

When you want to save power or when you don't need the backlight during the day, you can turn it off. This will maximize battery life.

Backlight On/Off:

1. Press the **MENU** button until the letter " ⟨bL⟩ " is displayed.
2. Press the ⟨▲⟩/⟨▼⟩ button to select whether to enable or disable the backlight.

Backlight On

3. Press **PTT** or **MON** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

SOS Emergency Alarm

The emergency alarm function can be used to signal to your companions that you need urgent assistance.
The alarm mode includes Local Alarm and Transmit Alarm.

[⟨OF⟩] **Local Alarm :** only sounds on the device itself.
[⟨On⟩] **Transmit Alarm :** sounds on the device and simultaneously sends an alarm sound to radios on the same channel/privacy code.
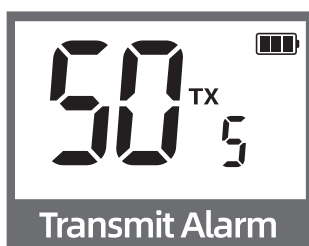
Alarm On/Off:

1. Press and hold the ⟨SOS⟩ button for 3 seconds. The " ⟨SO⟩ ₅" will be displayed, and the alarm sound will be emitted.

2. Press the side **PTT** button to turn off the alarm and return to standby mode.

Transmit Alarm

Setting Local Alarm/Transmit Alarm:

1. Press the **MENU** button until the letter " ⟨SO⟩ " is displayed.

2. Press the ⟨▲⟩/⟨▼⟩ button to select Local Alarm or Transmit Alarm.

3. Press **PTT** or **MON** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

---

1. When alarm mode is enabled, press **PTT** button to exit the mode.
2. When the alarm mode is transmitting alarm, the " **TX** " icon in the upper right corner of the channel continues to display.

Whisper

This mode allows users to speak in a very low voice while the other party can still hear a louder and clearer sound. This mode enhances the transmission of sound through technical means, ensuring clear and reliable communication in noisy environments. This function is usually enabled when it is inconvenient to speak loudly.

Setting Whisper Mode:

1. Press the **MENU** button until the " 📱 " icon appears.
2. Press the ▲ / ▼ button to turn on or off.
3. Press **PTT** or **MON** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

Silent Charge（Sleep pattern）

When the silent charge function is enabled, the two-way radio disables the reception of regular two-way communication while charging, but it can still receive weather alerts.

This function is generally enabled when you need to rest or sleep and do not want to be disturbed while the radio is charging.

Silent Charge:

1. Press the **MENU** button until the " Zᶻ " icon appears.
2. Press the ▲ / ▼ button to turn on or off.
3. Press **PTT** or **MON** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

Vibration Alert

When the vibration function is enabled, the two-way radio vibrates when it receives a signal or a call while in idle mode.

The radio automatically enters idle mode 6 seconds after the call ends. Continuous calls within 6 seconds will not trigger repeated vibrations.

Setting Vibration Alert:

1. Press the **MENU** button until the " 📳 " icon appears.
2. Press the ▲ / ▼ button to turn on or off.
3. Press **PTT** or **MON** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

Dual Watch

This radio has a Dual-Watch mode that allows the user to scan two channels for activity. The current transmit channel can be switched by pressing the �A/B▼ button.

To turn dual table mode on and off :

1. Press the **MENU** button until the " **2CH** " and " **OF** "/" **ON** " icons appear.

2. Press the ▲/▼ button to select " **OF** " or " **ON** ".

3. Press **PTT** or **MON** to save and return to standby mode. Or press the **MENU** button to continue setting the channel and privacy code for the second channel in Dual-Watch mode (see Channel and Privacy Code Operation on **page 15**).

Transmit Channel Switching (A/B) :
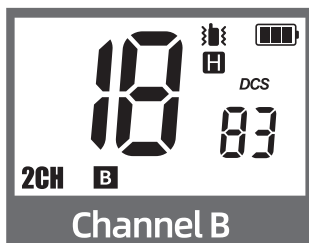
After turning on the Dual-Watch mode (**2CH**), press ▲/B▼ button to switch the transmit channel. The " **A** " in the display represents the main channel transmission and the " **B** "represents the second channel transmission in the 2CH Dual-Watch mode.

The switching function of the ▲/B▼ button is only applicable when the Dual- Watch mode is turned on and is not available in the single frequency mode.

---

1. After turning off the Dual-Watch mode, the setting menu for the second channel and privacy code of the Dual-Watch mode is automatically hidden.

2. After turning on the Dual-Watch mode, the channel and privacy codes of the two channels are displayed alternately.

3. In Dual-Watch mode, power consumption will increase.

High/Medium/Low Power

The two-way radio has three power level options (Hi/Me/Lo). Higher transmission power (Hi) provides a longer range but consumes more battery. Set it according to your actual needs.

Transmission Power Level Selection：

1. Press the **MENU** button until the letter " P_o " is displayed, and the " **H** " or " **M** "or " **L** " icon starts flashing.

2. Press the ▲/▼ button to select the power level .
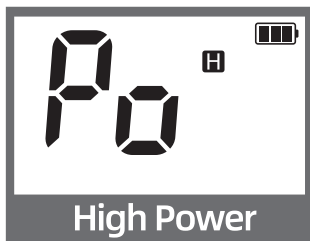
High Power

H	: high power
M	: medium power
L	: low power

NOTE: You cannot adjust the power settings for (8-14)(34-37)(53-56). They are set to low power due to FCC regulations.

3. Press **PTT** or **MON** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

1. You cannot adjust the power settings for FRS channels (8~14) (34-37) (53-56) . According to FCC regulations, they are set to low power.

2. In Dual-Watch mode, power adjustment only takes effect on **2CHA** (main channel).

NOTE: After entering the menu settings by pressing **MENU**, you can press the **CALL** button to return to the previous menu settings.

08 ◆ Product parameter

Model:	G-U2
Transmit power:	H/M/ L
Frequency Range:	462 - 467 MHz(UHF)
Frequency Stability:	±2.5(ppm)
Channel Spacing:	12.5/25kHz
Channels:	60
Privacy Codes:	121 (CTCSS: 1-38, DCS: 1-83)
Wearther Channel:	11
Call Alarm:	10
Waterproof rating:	IP55
Audio Interface:	2.5mm
Charge Jack:	Type-C
Operating Voltage:	3.7- 4.2V
OperatingTemperature:	-20°C ~ 60°C
Battery Type:	1800mAh Lithium Battery

09 ◆ Frequency table

● Weather Channels and Frequencies

Ch	Freq.(MHZ)	Ch	Freq.(MHZ)	Ch	Freq.(MHZ)	Ch	Freq.(MHZ)
1	162.550	4	162.425	7	162.525	10	161.750
2	162.400	5	162.450	8	161.650	11	162.000
3	162.475	6	162.500	9	161.775		

● Frequency Allocation

Ch	Freq.	Power	Ch	Freq./code	Power	Ch	Freq./code	Power
1	462.5625	H/M/L	23	462.5625 250.3	H/M/L	45	462.7125 79.7	H/M/L
2	462.5875	H/M/L	24	462.6125 225.7	H/M/L	46	462.5500 71.9	H/M/L
3	462.6125	H/M/L	25	462.6625 203.5	H/M/L	47	462.6000 241.8	H/M/L
4	462.6375	H/M/L	26	462.7125 179.9	H/M/L	48	462.6500 218.1	H/M/L
5	462.6625	H/M/L	27	462.5500 162.2	H/M/L	49	462.7000 192.8	H/M/L
6	462.6875	H/M/L	28	462.6000 146.2	H/M/L	50	462.5875 D025N	H/M/L
7	462.7125	H/M/L	29	462.6500 131.8	H/M/L	51	462.6375 D032N	H/M/L
8	467.5625	L	30	462.7000 118.8	H/M/L	52	462.6875 D051N	H/M/L
9	467.5875	L	31	462.5875 D023N	H/M/L	53	467.5625 D071N	L
10	467.6125	L	32	462.6375 D031N	H/M/L	54	467.6125 D074N	L
11	467.6375	L	33	462.6875 D047N	H/M/L	55	467.6625 D116N	L
12	467.6625	L	34	467.5625 D065N	L	56	467.7125 D132N	L
13	467.6875	L	35	467.6125 D073N	L	57	462.5750 D152N	H/M/L
14	467.7125	L	36	467.6625 D115N	L	58	462.6250 D162N	H/M/L
15	462.5500	H/M/L	37	467.7125 D131N	L	59	462.6750 D174N	H/M/L
16	462.5750	H/M/L	38	462.5750 D143N	H/M/L	60	462.7250 D226N	H/M/L
17	462.6000	H/M/L	39	462.6250 D156N	H/M/L			
18	462.6250	H/M/L	40	462.6750 D172N	H/M/L			
19	462.6500	H/M/L	41	462.7250 D223N	H/M/L			
20	462.6750	H/M/L	42	462.5625 107.2	H/M/L			
21	462.7000	H/M/L	43	462.6125 97.4	H/M/L			
22	462.7250	H/M/L	44	462.6625 88.5	H/M/L			

● CTCSS Privacy Code Table

Ch	Freq.	Ch	Freq.	Ch	Freq.	Ch	Freq.
01	67.0	11	97.4	21	136.5	31	192.8
02	71.9	12	100.0	22	141.3	32	203.5
03	74.4	13	103.5	23	146.2	33	210.7
04	77.0	14	107.2	24	151.4	34	218.1
05	79.7	15	110.9	25	156.7	35	225.7
06	82.5	16	114.8	26	162.2	36	233.6
07	85.4	17	118.8	27	167.9	37	241.8
08	88.5	18	123.0	28	173.8	38	250.3
09	91.5	19	127.3	29	179.9		
10	94.8	20	131.8	30	186.2		

● DCS Privacy Code Table

Ch	Freq.	Ch	Freq.	Ch	Freq.	Ch	Freq.
01	D023N	22	D143N	43	D315N	64	D532N
02	D025N	23	D152N	44	D331N	65	D546N
03	D026N	24	D155N	45	D343N	66	D565N
04	D031N	25	D156N	46	D346N	67	D606N
05	D032N	26	D162N	47	D351N	68	D624N
06	D043N	27	D165N	48	D364N	69	D627N
07	D047N	28	D172N	49	D365N	70	D631N
08	D051N	29	D174N	50	D371N	71	D632N
09	D054N	30	D205N	51	D411N	72	D654N
10	D065N	31	D223N	52	D412N	73	D662N
11	D071N	32	D226N	53	D413N	74	D664N
12	D072N	33	D243N	54	D423N	75	D703N
13	D073N	34	D244N	55	D431N	76	D703N
14	D074N	35	D245N	56	D432N	77	D712N
15	D114N	36	D251N	57	D445N	78	D723N
16	D115N	37	D261N	58	D464N	79	D731N
17	D116N	38	D263N	59	D465N	80	D732N
18	D125N	39	D265N	60	D466N	81	D734N
19	D131N	40	D271N	61	D503N	82	D743N
20	D132N	41	D306N	62	D506N	83	D754N
21	D134N	42	D311N	63	D516N		

IMPORTANT NOTICE

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) this device must accept any interference received. Including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device. Pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates. uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception. Which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

● Reorient or relocate the receiving antenna.
● Increase the separation between the equipment and receiver.
● Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
● Consult the dealer or an experienced radio/TV technician for help.

Safety Information for Radios

Your wireless handheld portable transceiver contains a low power transmitter. When the **PTT** button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices.

Normal Position

Hold the transmitter approximately 2 inches from your face and speak in a normal voice, with the antenna pointed up and away.

IMPORTANT NOTICE, FCC LICENSE REQUIRED FOR GMRS OPERATION (Only Applicable for GMRS Radio Use in the United States)

The **G-U2** Series operates on GMRS (General Mobile Radio Service) frequencies which require an FCC (Federal Communications Commissionlicense. You must be licensed prior to operating on channels 1 -7, 15 -33, 38-52 or 57-60 which comprise the GMRS channels of the **G-U2** Series. Serious penalties could result from unlicensed use of GMRS channels, in violation of FCC rules, as stipulated in the Communications Acts Sections 501 and 502 (amended).

You will be issued a call sign by the FCC which should be used for station identification when operating the radio on GMRS channels. You should also cooperate by engaging in permissible transmissions only, avoiding channel interference with other GRS users, and being prudent with the length of your transmission time.

Apply for a license at the FCC's website：

http:www.fcc.gov/wireless/universal-license-system

Contact the FCC at **1-888-225-5322** if you have any questions.

ISED compliance statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;

(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF Exposure Statement

SAR tests are conducted using standard operating positions According FCC standard with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This model product has been tested and meets the RF exposure guidelines with the test distance 25 mm for face up condition. The highest SAR1g value is 0.068W/Kg for face held and 0.275W/Kg for Body worn. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided. This radio complies with RF exposure limits for general population/uncontrolled RF exposure environment at operating duty factors of up to 50%.

Déclaration d'exposition aux RF

Les tests SAR sont effectués en utilisant des positions de fonctionnement standard conformément à la norme RSS-102 avec l'appareil transmettant à son niveau de puissance certifié le plus élevé dans toutes les bandes de fréquences testées, bien que le SAR soit déterminé au niveau de puissance certifiée le plus élevé, le niveau SAR réel de l'appareil pendant le fonctionnement peut être bien en dessous de la valeur maximale. Ce modèle de produit a été testé et répond aux directives d'exposition RF avec une distance de test de 25 mm pour une condition face vers le haut. La valeur SAR1g la plus élevée est de 0,068W/kg pour une utilisation sur le visage et de 0,275W/kg pour une utilisation sur le corps. L'utilisation de pinces de ceinture, d'étuis et d'accessoires semblables ne doit pas contenir de composants métalliques dans son assemblage. L'utilisation d'accessoires qui ne répondent pas à ces exigences pourrait ne pas être conforme aux exigences d'exposition aux RF et devrait être évitée. Cette radio est conforme aux limites d'exposition aux RF pour la population générale/environnement d'exposition aux RF non contr?lé à des facteurs de service de fonctionnement allant jusqu'à 50 %.

11 ◆ Questions & Answers

Below are some common problems encountered by our customers as well as the detailed answers you can use for your reference. We hope this information can help you use your device more efficiently.

Question 1: Can I replace the battery for my intercom?
Answer 1: Yes, you can replace batteries for it if necessary, please note that you can only use lithium batteries, cannot replace 3A batteries.

Question 2: Does this walkie talkie have hands-free operation?
Answer 2: Yes, this intercom has a VOX feature that allows hands-free operation, if you need to know about VOX, please refer to section 7.2 of this manual.

Question 3: How far do walkie-talkies communicate?
Answer 3: This walkie-talkie has a communication range of up to 5-20 miles when in open ground, but may suffer in areas with more obstacles such as woods or buildings, with a communication range of roughly 3-5 miles or more.

Question 4: How long does the walkie talkie last when fully charged and how long is the standby time when not in use?
Answer 4: After the walkie-talkie is fully charged, it can be maintained for 2-3 days in normal use, and 6-10 hours in continuous use, and the standby time is about 5-7 days after fully charged.

Question 5: Can I set the power saving mode on this walkie talkie?
Answer 5: Yes, this intercom has 4 power saving levels, we usually recommend setting it at level 3, for more on power saving modes see section 7.3 of this manual.

12 Warranty

We believe in honesty and reliability for all our products. That's why all of our products must pass a strict test before they are packaged for shipping. We are dedicated to providing our customers with 100% satisfactory service and so, we are proud to provide a warranty service for this product:

1.We provide free replacements for quality-related issues detected within 2 year.

2. We provide a whopping 50% discount for new replacement purchases made within 3 years if the intercom has suffered accidental damage (e.g, drop and break).

3. We also provide lifetime service for all questions regarding your intercom.

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