Gaswei

Connecting Your World and Mine

22

IP-67   G2 PRO+

MENU   PTTв

IP67

Waterproof	Dustproof	Drop proof
FM FM Radio	**2CH** Dual Watch	**NOAA** us Weather

TWO-WAY RADIO G2pro+ User manual

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

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 **Gaswei** 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.

If you have any questions, please feel free to contact us.

Web：www.gaswei.com
Email：support@gaswei.com

The information contained herein is subject to change without notice.
To access the latest version of the User Guide, go to **www.gaswei.com**.

⚠️ 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:

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.

Installing 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 now installed.

Belt Clip

Secure your radio while on the go.

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

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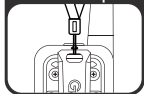
If you need to install a wrist strap, pass it through the circular hole at the top of the belt clip and tighten it to secure it to the clip.

For any questions about operating this new **Gaswei** branded product, PLEASE CONTACT US FIRST... do not return this product to the retail store. The contact information for support will vary depending on the country in which you purchased and utilize the product.

Customer Service E-mail: **support@gaswei.com**

For further information needed on its features,
please visit **www.gaswei.com** for frequently asked questions and the electronic manual.

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.
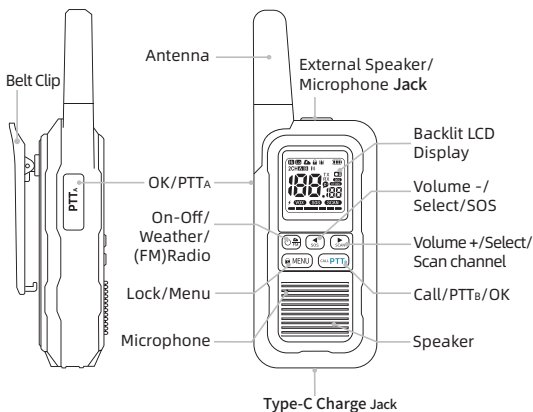
Electromagnetic Interference

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,reqlations 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.
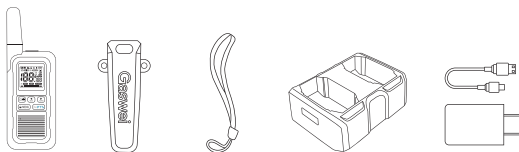
Antenna

Belt Clip

External Speaker/ Microphone **Jack**

Backlit LCD Display

OK/PTT_A

Volume -/ Select/SOS

On-Off/ Weather/ (FM)Radio

Volume +/Select/ Scan channel

Lock/Menu

Call/PTT_B/OK

Microphone

Speaker

Type-C Charge **Jack**

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.
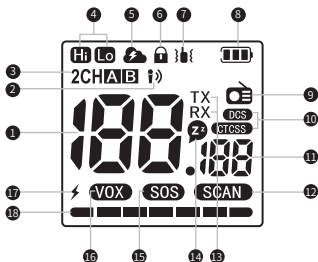
Features

- Waterproof and Dustproof
- 22 Channels + 121 Privacy Codes
  (38 CTCSS codes+83 DCS codes)
- 10 NOAA Weater Band
- Weather Alert
- Radio (FM)
- Dual Watch
- SOS Siren
- High / Low Power
- Hands-Free Operation (VOX)
- Keypad Lock
- Call Alert (10 selectable tones)
- Whisper Mode
- Silent Charge(Sleep pattern)
- Roger Beep
- Keystroke Tones
- Battery Level indicator
- Vibration Alert
- Scaning Mode
- Monitoring Mode
- Auto Squelch
- Power Saving
- Low Battery Audible Alert

1. Channel Numbers
2. Whisper Icon
3. Dual Watch
4. High/Low Power
5. NOAA Weather Band Icon
6. Keypad Lock
7. Vibra Icon
8. Battery Level Indicator
9. Radio(FM) Icon
10. DCS/CTCSS icon
11.Privacy code Channel
12.Scan Icon
13.Transmit/Receive status
14.Don't disturb Icon
15.SOS Siren Icon
16.VOX Icon
17.Power Saving Icon
18.Volume leveling

Replace the battery

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

Remove Belt Clip

Battery Door Screws

Battery Connector

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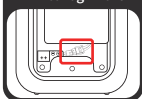
If the battery becomes damaged and needs to be replaced, follow these steps for installation:

1. Unscrew 2 screws at the belt clip with a proper screwdriver, then remove belt clip .

2. Unscrew 3 screws at battery door with a proper screwdriver, then open the battery compartment cover. Connect the battery connector in proper polarity.

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 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, screw down the screws mildly.
   (Screw nuts may be damaged if overtighten)

5. Re-attach the belt clip.

Quick Trial

1. Press 🔘 button for 3 seconds to start the machine and press and hold the button again to turn it off.

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.

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.

If charging light is not on, check position of radio. Radio should be upright. The charge indicator light will stay on as long as the radio is in the charging mode.
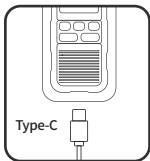
Charging the radio with a cable:

To charge a single radio, you can bypass the desktop charger and simply insert the Type-C connector directly into the charge jack located on the Bottom of the radio.

The radio will display flashing battery icon while charging.

Sleep pattern

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, **Gaswei** recommend that you connect it to a power source and keep it turned on.

Turning on Your Radio

Press ⏻ button for 3 seconds to start the machine and press and hold the button again to turn it off.

The display screen shows the current channel, code and all features that are enabled.

Double PTT Button

PTT Button

Single-Frequency Mode:
Pressing and holding either **PTTA** or **PTTB** allows for transmitting signals to the current channel for communication. A short press on **PTTB** can send a call.

Dual-Wctch Standby:

When Dual-Watch Standby (2CH) is enabled, pressing and holding **PTTA** will transmit signals on the 2CHⒶ channel (primary channel) for communication, while pressing and holding **PTTB** will transmit signals on the 2CHⒷ channel (secondary channel) for communication. The call function of **PTTB** will not be available in Dual Watch Mode.

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.

> ⚠ Both radios must be tuned to the same channel and privacy code to communicate.

> ⚠ 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.

Adjusting the Volume

1. Press the button to decrease the volume.

2. Press the button to increase the volume.

Do not hold the radio close to your ear. If the volume is set to an uncomfortable level; it can hurt your ear.
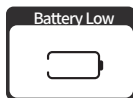
Battery Save Mode

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

 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.

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.

Auto Squelch

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

NOAA Weather Band

Your radio includes an NOAA weather function, allowing you to listen to 10 channels of NOAA weather broadcasts from the National Oceanic and Atmospheric Administration.

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 ◀SOS or ▶SCAN button to select the desired weather channel.
3. Press the left **PTTᴀ** button to stay tuned to the current weather channel.
4. Press the left **PTTᴀ** button again to exit weather mode.

NOAA Weather Alerts

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

NOAA Weather Alerts:

1. In weather mode, press the **MENU** button to make the weather channel blink. Then press the ◀SOS / ▶SCAN 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 ◀SOS / ▶SCAN button to choose to turn weather alerts on or off.
4. Press the left **PTTᴀ** button / **MENU** button to return to weather listening mode.
5. Press the left **PTTᴀ** button again to exit weather mode and return to standby mode, with the weather alert icon displayed in standalone mode.

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 radio features an FM radio function, capable of receiving all stations within the frequency range of 87.5 Hz to 108.0 Hz.

FM radio

105.9

Entering the FM radio:

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

Fine-tuning the station frequency:

Once in radio mode, press the **MENU** button or the **PTT**ʙ button to set the radio frequency.

Automatic station scanning:

In radio mode, hold the **MENU** button or the **PTT**ʙ 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 🔘 button again to turn off the FM radio and return to standby mode.

Button usage in FM radio mode:

Exit FM Radio	**Volume -/+**
Frequency - (Long Press to Search)	**Frequency +** (Long Press to Search)

Note:
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.

Monitoring mode

When the current channel signal is weak, you can simultaneously press and hold the 🔘 and 🔘 buttons to enter monitoring mode. Release the buttons to immediately exit monitoring mode.

With monitoring mode on, you can listen to all conversations on the current channel, regardless of whether privacy codes are set.

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 left **PTT**A will remain active. Repeat the same steps to unlock the keypad.

Note: In Dual Watch (**2CH**) mode, when the keypad lock is activated, PTTB will also be in an active state.

Memory Channel Scan

Your radio can automatically scan through the 22 sets of channel and privacy code combinations you have stored. If you want to scan for more radio signals, please turn off the privacy code for all channels before scanning.

To start scanning:

Press and hold the `▶SCAN` button for 3 seconds until the" **SCAN** " icon appears, and the radio begins scanning channels.

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

1. Change scanning direction: Press `◀SOS` or `▶SCAN` briefly to change the scanning direction.
2. Resume scanning: After detecting a radio signal, press `◀SOS` or `▶SCAN` briefly to resume scanning.
3. Cancel scanning: Press the **MENU** button briefly to cancel scanning and return to standby mode.
4. Save scanned channel: When a radio signal is detected, stop scanning. Press **PTT**A 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.

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.
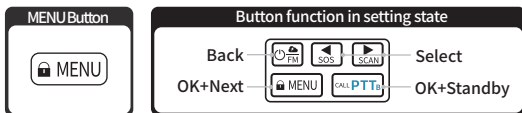
First, turn off the radio. While it is off, press and hold the **PTT**B button, and then press and hold the `🔆` button. After the radio vibrates and turns on, the factory settings restoration is successful.

Factory settings parameters are: Channel 1, Privacy Code OFF, Volume Level 4, Power Hi.

Note: Restoring factory settings cannot be performed while charging.

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	Button function in setting state
🔒 MENU	Back — ⏻FM ◀SOS ▶SCAN — Select OK+Next — 🔒MENU CALL PTT_B — OK+Standby

22 ⬇	Channel	22 channels
121 ⬇	Privacy Codes setting	121 Privacy Codes
VOX ⬇	VOX setting	off, 01~09L
⚡ ⬇	Power Saving	0ff, 01~04L
CA ⬇	Call Ringtone selection	10 call ringtones
to ⬇	Key Tone setting	on or off
ro ⬇	Roger Beep Confirmation Tone	on or off
bL ⬇	Screen backlight	on or off
SOS ⬇	SOS Help Options	on or off
🔊) ⬇	Whisper mode	on or off
💬 ⬇	Silent Charge(Sleep pattern)	on or off
📳 ⬇	Vibration Alert	on or off
2CH ⬇	Dual Watch	on or off
22 ⬇	Channel (B)	22 channels
121 ⬇	Privacy Codes setting (B)	121 Privacy Codes
Po ⬇	High/Low Power	high or 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 a standard of **22 channels**. Channels (1-7) and (15-22) offer high and low power options, while channels (8-14) are only available in low power.

Channel Selection:

```
Select Channel
    ▥
22  0F
━━━━━━
```

1. Briefly press and release the **MENU** button, and the channel number will blink.
2. Press the [◀ sos] / [▶ scan] button to select a channel. (You can hold down the [◀ sos] / [▶ scan] button to quickly advance.)
3. Press **PTTA** or **PTTB** 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

Your radio incorporates two advanced coded squelch systems that can help to reduce interference from other users on any given channel. This provides a total of **121 Privacy Codes**.

Setting CTCSS/DCS Privacy Codes:

```
CTCSS Code
    ▥
22  CTCSS
    38
━━━━━━
```

1. Press the **MENU** button until the OF or small number on the lower right side of the channel number flashes.
2. Press the [◀ sos] / [▶ scan] button to select a code. (You can hold down the [◀ sos] / [▶ scan] button to quickly advance.)

```
0F        OF : Turn off privacy code
CTCSS  01 ~ 38 : CTCSS privacy code
DCS    39 ~ 121 : DCS privacy code
```

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

⚠️
1. Both radios must be tuned to the same channel and privacy code to communicate.
2. For the frequency of querying channel and privacy codes, please refer to the relevant frequency table on pages 22-23.

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 $\boxed{\blacktriangleleft}_{\text{SOS}}$ / $\boxed{\blacktriangleright}_{\text{SCAN}}$ button to turn VOX on or off.
3. Press **PTT**A or **PTT**B 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 " $\not\leftarrow$ " icon appears.
2. Press the $\boxed{\blacktriangleleft}_{\text{SOS}}$ / $\boxed{\blacktriangleright}_{\text{SCAN}}$ button to select a power-saving level.
3. Press **PTT**A or **PTT**B 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 " $\int_{-}^{-} \bar{H}$ " is displayed.
2. Press the $\boxed{\blacktriangleleft}_{\text{SOS}}$ / $\boxed{\blacktriangleright}_{\text{SCAN}}$ button to select the call tone. There are 10 call tones to choose from.
3. Press **PTT**A or **PTT**B 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

Key Tone On/Off:

1. Press the **MENU** button until the letter "to" is displayed.
2. Press the $\boxed{\blacktriangleleft_{SOS}}$ / $\boxed{\blacktriangleright_{SCAN}}$ button to select whether to enable or disable the key tone.
3. Press **PTTA** or **PTTB** 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 On

Roger Beep Confirmation Tone:

1. Press the **MENU** button until the letter "ro" is displayed.
2. Press the $\boxed{\blacktriangleleft_{SOS}}$ / $\boxed{\blacktriangleright_{SCAN}}$ button to select ON or OFF for the Roger Beep confirmation tone.
3. Press **PTTA** or **PTTB** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

Screen backlight

When you want to save power or don't need the display backlight during daytime, you can turn it off. This will maximize battery life and extend the usage time of the radio.
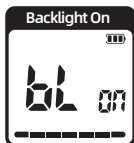
Backlight On

Display Backlight On/Off:

1. Press the **MENU** button until the letter "bl" is displayed.
2. Press the $\boxed{\blacktriangleleft_{SOS}}$ / $\boxed{\blacktriangleright_{SCAN}}$ button to select whether to enable or disable the display backlight.
3. Press **PTTA** or **PTTB** 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.

Local Alarm : only sounds on the device itself.
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 "SOS" will be displayed, and the alarm sound will be emitted.

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

Setting Local Alarm/Transmit Alarm：

1. Press the **MENU** button until the "SOS" icon appears.
2. Press the ⏮/⏭ button to select Local Alarm or Transmit Alarm.
3. Press **PTTᴀ** or **PTTᴮ** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.
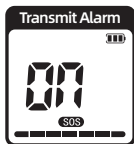
Note:

1. When the alarm mode is enabled, the volume will be automatically locked to the maximum level. All buttons on the front of the radio will be locked. The alarm will continue until manually stopped by pressing PTTᴀ on the left side.
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 **PTTᴀ** or **PTTᴮ** 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 " 💤 " icon appears.
2. Press the ⬅️SOS / ▶️SCAN button to turn on or off .
3. Press **PTTA** or **PTTB** 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 ⬅️SOS / ▶️SCAN button to turn on or off .
3. Press **PTTA** or **PTTB** to save and return to standby mode. Alternatively, press the **MENU** button to continue with other settings.

Dual Watch

The radio features a Dual-Watch mode, allowing users to scan two channels for any activity. Channel A is the current channel setting , and Channel B is the second channel.

Important Tips:

1. In Dual-Watch mode, holding down PTTA will initiate communication with the radio on the first channel (Channel A). Holding down PTTB will initiate communication with the radio on the second channel (Channel B).
2. The CALL function of PTTB cannot be used in Dual-Watch mode.
3. Dual-Watch mode consumes battery power faster.

Setting Dual-Watch:

1. Press the **MENU** button until the " **2CH** " icon appears.

2. Press the $\boxed{\text{SOS}}$ / $\boxed{\text{SCAN}}$ button to select on or off .
(You can hold down the $\boxed{\text{SOS}}$ / $\boxed{\text{SCAN}}$ button to quickly scroll.)

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

4. Continue pressing the **MENU** button, and the privacy code for the second channel B will start flashing.

5. Press the $\boxed{\text{SOS}}$ / $\boxed{\text{SCAN}}$ button to select your privacy code.

6. Press **PTTₐ** or **PTT_B** to save and return to standby mode. Alternatively, press the **MENU** button to continue to the next level of settings.

Channel B

⚠️ OF: Dual-Watch is off.
1-22: Dual-Watch is on and set to a channel. Numbers 1-22 represent the channel numbers for the second channel B.

After returning to standby mode, the letter " **2CH** " appears, indicating that Dual-Watch is enabled. " **2CH** " icons will display alternately, and the corresponding channels and privacy codes for " **A** "/ " **B** " will also display alternately.

Your radio starts scanning the two channels for active channels/codes and stops on any active channel. When a channel is active, dual-watch scanning stops and stays on the active channel for 6 seconds before resuming dual-watch scanning.

To turn off Dual-Watch mode:

Dual-Watch Off
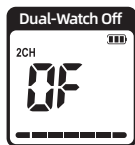
1. Press the **MENU** button until the " **2CH**" icon appears.
2. Press the $\boxed{\text{SOS}}$ / $\boxed{\text{SCAN}}$ button until " **OF**" is displayed. (You can hold down the $\boxed{\text{SOS}}$ / $\boxed{\text{SCAN}}$ button to quickly scroll.)

⚠️ "OF" is positioned between Channel 1 and 22. That is, the sequence of channel numbers cycles as 1, 2, 3, ..., 22, OF, 1, 2, 3, ..., 22, OF, ...

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

High/Low Power

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

Transmission Power Level Selection:
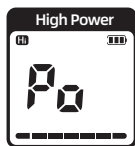
1. Press the **MENU** button until the letter "P_O" is displayed, and the "**Hi**" or "**Lo**" icon starts flashing.
2. Press the ⬏sos / ⬎scan button to select the transmission power level .

"**Hi**": high power 2 watts, "**Lo**" : low power 0.5 watts.

3. Press **PTTA** or **PTTB** to save and return to standby mode. Alternatively, press the **MENU** button to end the process and enter standby mode.

Channels 8-14: Only **Lo** transmission power level is available.
Channels 1-7 and 15-22: Both **Hi** and **Lo** transmission power levels can be set.

Note:

1. You cannot adjust the power settings for FRS channels (8~14). According to FCC regulations, they are set to low power.
2. In Dual-Watch mode, power adjustment only takes effect on **2CH A** (main channel).

Operation	**Product parameter**

Model:	G2PRO+
Reception Sensitivity:	0.5 Watt / 2 Watt
Frequency Range:	462 - 467MHz(UHF)
Frequency Stability:	±2.5(ppm)
Channel Spacing:	12.5/25kHz
Channels:	22
Privacy Codes:	121 (CTCSS: 1-38, DCS: 39-121)
Waterproof rating	IP67
Audio Interface:	2.5mm
Operating Voltage:	3.7- 4.2V
OperatingTemperature:	-20°C ~ 60°C
Battery Type:	1800mAh Lithium Battery

● 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		
3	162.475	6	162.500	9	161.775		

● Frequency Allocation

Ch	Freq. (MHZ)	Power	Ch	Freq. (MHZ)	Power
1	462.5625	0.5 /2W	12	467.6625	0.5W
2	462.5875	0.5/2W	13	467.6875	0.5W
3	462.6125	0.5/2W	14	467.7125	0.5W
4	462.6375	0.5/2W	15	462.5500	0.5/2W
5	462.6625	0.5/2W	16	462.5750	0.5/2W
6	462.6875	0.5/2W	17	462.6000	0.5/2W
7	462.7125	0.5/2W	18	462.6250	0.5/2W
8	467.5625	0.5W	19	462.6500	0.5/2W
9	467.5875	0.5W	20	462.6750	0.5/2W
10	467.6125	0.5W	21	462.7000	0.5/2W
11	467.6375	0.5W	22	462.7250	0.5/2W

● 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.
39	D023N	60	D143N	81	D315N	102	D532N
40	D025N	61	D152N	82	D331N	103	D546N
41	D026N	62	D155N	83	D343N	104	D565N
42	D031N	63	D156N	84	D346N	105	D606N
43	D032N	64	D162N	85	D351N	106	D624N
44	D043N	65	D165N	86	D364N	107	D627N
45	D047N	66	D172N	87	D365N	108	D631N
46	D051N	67	D174N	88	D371N	109	D632N
47	D054N	68	D205N	89	D411N	110	D654N
48	D065N	69	D223N	90	D412N	111	D662N
49	D071N	70	D226N	91	D413N	112	D664N
50	D072N	71	D243N	92	D423N	113	D703N
51	D073N	72	D244N	93	D431N	114	D703N
52	D074N	73	D245N	94	D432N	115	D712N
53	D114N	74	D251N	95	D445N	116	D723N
54	D115N	75	D261N	96	D464N	117	D731N
55	D116N	76	D263N	97	D465N	118	D732N
56	D125N	77	D265N	98	D466N	119	D734N
57	D131N	78	D271N	99	D503N	120	D743N
58	D132N	79	D306N	100	D506N	121	D754N
59	D134N	80	D311N	101	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.

Important

FCC RF Exposure Requirements: For body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with **Gaswei** accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. Use only the supplied antenna. Unauthorized antennas, modifications or attachments could damage the transmitter and may violate FCC regulations.

Normal Position

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

FCC Part 15.21 Warning Statement-NOTE:

The Grantee is not responsinle for any changes or modifications not expressly approved by the party responsinle for compliance. Such modifications could void the user's authority to operate the equipment.
FCC : 2BAS7-G1PRO

IC RSS-GEN

This device complies with ISEDC license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference. and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Under ISEDC regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by ISEDC. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication. The applicant is responsible for providing proper instructions to the user of the radio device, and any usage restrictions, including limits of exposure durations. The user manual shall provide installation and operation instructions, as well as any special usage conditions, to ensure compliance with SAR and/or RF field strength limits. For instance, compliance distance shall be clearly stated in the user manual.
IC：30359-G2PRO

Radiation Exposure Statement:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For Remote controller. SAR tests are conducted using standard operating positions accepted by the FCC/ISEDC 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.

Before a new model device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC/ISEDC, Tests for each device are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC/ISEDC.

For body worn operation, this model device has been tested and meets the FCC/ISEDC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal and that positions the handset a minimum of 10 mm from the body. Non-compliance with the above restrictions may result in violation of RF exposure guidelines.

⚠️ **MODEL G2PRO+:**
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.
FCC Warnings: Replacement or substitution of transistors, regular diodes or other parts of a unique nature. with parts other than those recommended by **Gaswei** may cause a violation of the technical regulations of part 95 of the FCC rules, or violation of type acceptance requirements of part 2 of the rules.