

120x80mm

Gaswei TWO-WAY RADIO

NA

GI1PROPLUS

User Manual

English 2-14

CONTENTS

English 1

English 2

Before using this radio, please read this manual.
For detailed product information, user manuals, and approved accessories, visit www.gaswei.com.

WARNING: Important Safety Instructions

- 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.
- Do not use cleaners or solvents to clean the exterior of the radio. Use only a damp or dry cloth.
- 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.
- Do not plug the wall adaptor into the power outlet if the outlet is wet.
- 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.

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.

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.

01 Operational Cautions

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.

- Set the volume control in a low position and use as low a volume as possible.
- Avoid turning up the volume to block out noisy surroundings. Whenever possible, use your radio in a quiet environment with low background noise.

Compliance with RF Exposure Standards

National and international regulations require manufacturers to ensure their products comply with radiofrequency (RF) exposure standards before marketing. This Gaswei two-way radio is designed, manufactured, and tested to comply with national and international standards regarding human exposure to RF electromagnetic energy.

02 Limited Warranty

Gaswei provides a 3-year warranty (from purchase date) for defects in materials/workmanship.

Exclusions:

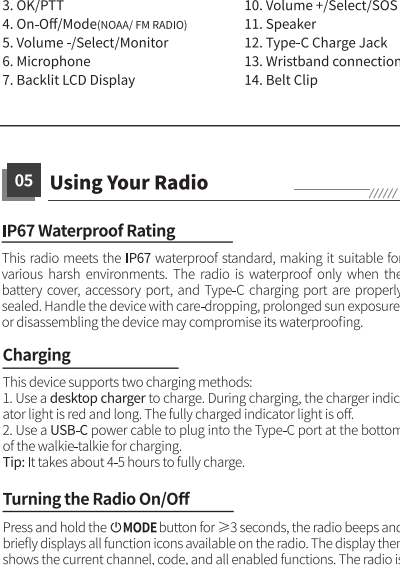
- Water damage, battery leakage, or misuse.
- Refurbished/second-hand products.
- Accessories (90-day warranty; antennas, chargers, headsets).
- Non-transferable (applies only to the original purchaser).

Gaswei is not liable for damages exceeding the product's purchase price or indirect losses (e.g., profit loss, data loss).

English 3

English 4

03 Control buttons



- Antenna
- External Speaker/ Microphone Jack
- OK/PTT
- On-Off/Mode/NOAA/FM RADIO
- Volume+/Select/Monitor
- Microphone
- Backlit LCD Display
- Menu/Lock
- Call/Scan
- Volume+/Select/SOS
- Speaker
- Type-C Charge Jack
- Wristband connection
- Belt Clip

05 Using Your Radio

IP67 Waterproof Rating

This radio meets the IP67 waterproof standard, making it suitable for various harsh environments. The radio is waterproof only when the battery cover, accessory port, and Type-C charging port are properly sealed. Handle the device with care-dropping, prolonged sun exposure, or disassembling the device may compromise its waterproofing.

Charging

This device supports two charging methods:
1. Use a **desktop charger** to charge. During charging, the charger indicator light is red and long. The fully charged indicator light is off.
2. Use a **USB-C power cable** to plug into the Type-C port at the bottom of the walkie-talkie for charging.
Tip: It takes about 4-5 hours to fully charge.

Turning the Radio On/Off

Press and hold the **MODE** button for ≥ 3 seconds, the radio beeps and briefly displays all function icons available on the radio. The display then shows the current channel, code, and all enabled functions. The radio is now in standby mode.
To turn off the radio, press and hold the **MODE** button again for ≥ 3 seconds.

Low Battery Alert

When the battery is low, the battery icon displays , and the radio emits periodic beeps to remind you to recharge it promptly.

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:

- Press the **MODE** button once to enter the weather mode. You can listen to the current weather channel.
- In the weather mode, press the **MENU** button and the weather channel will flash.
- Then press the **◀** or **▶** button to select the weather channel you want to listen to.
- Press the **CALL** or **PTT** button to save and exit the weather channel selection. Or press the **MENU** button to continue setting weather alerts.

NOAA Weather Alerts

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

- Press the **MODE** button to enter the weather mode, then press the **MENU** button twice. OF or ON on the right side of the weather channel code flashes.
- Press the **▶** or **▶** button to turn on or off the weather warning.
- Press the **CALL** or **PTT** button to return to the weather listening mode.
- Press the **CALL** or **PTT** button again to exit the weather mode and return to the standby mode. The  icon is displayed.

Note:
1. NOAA Weather Radio stations are designated to cover specific areas and service may be limited. Check with your local weather bureau for frequencies and details, or visit www.weather.gov/nwr in the U.S. to view suitable transmitters in your area. Use of the NOAA logo does not constitute an endorsement or implied approval by the NOAA National Weather Service.

Channel Scan

Use the scan function to search all channels for transmissions from unknown parties.

To enter scan mode, press and hold the **CALL** button for ≥ 3 seconds. **SCAN** appears on the screen and begins scrolling through the channel and code combinations.
When a radio signal is detected, it stops scrolling and you can hear the transmission.
Pressing the **▶** or **▶** button will continue scanning backward or forward, pressing the **CALL** or **MENU** button on the current channel and return to standby, pressing **CALL** or **MENU** will cancel scanning.

Monitoring mode

When the current channel signal is weak, you can press and hold the **MON** button for 3 seconds to enter monitor mode. Release the button to exit monitor mode immediately. In this mode, you may hear increased background noise.

Reset Factory Default

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 intercom. In the **OFF** state, press and hold the **CALL** button, and then press and hold the **MODE** button. After about 3 seconds, the intercom vibrates and then turns on, and the factory settings are successfully restored.

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

Note: Restoring factory settings cannot be performed while charging.

Selecting a Channel

The radio has 22 standard channels. Channels **(1-7)** and **(15-22)** have high and low power options, and channels **(8-14)** have low power only.

- Press the **MENU** button, the number in the middle of the screen flashes.
- Press the **▶** or **▶** button to select the channel number.
- Press the **CALL** or **PTT** button to confirm and return to standby mode, and press the **MENU** button to continue setting the privacy code.

Set CTCSS/DCS privacy code

Your radio has 121 privacy codes. You can set a different privacy code for each channel.

- Press the **MENU** button twice until **OF** or the small number at the bottom right of the channel number flashes.
- Press the **▶** or **▶** button to select a privacy code (OF: Off Privacy Code; 01-121: Code Number).
- Press **PTT/CALL** button to confirm or **MENU** button to continue.

All your radio devices must be set to the same channel and privacy code before communication can be carried out.

VOX (Hands-Free Operation)

Transmit without pressing **PTT** button. 9 levels of sensitivity: OFF/1-9 (1=lowest, 9=highest).

- Press **MENU** button until **VOX** appears.
- Press **▶** or **▶** button to adjust sensitivity.
- Press **PTT/CALL** button to confirm or **MENU** button to continue.

Roger Beep Confirmation Tone on/off

When you release the **PTT** button, the radio will beep to confirm to the other user that your transmission is complete.

- Press **MENU** button until **ROB** appears.
- Press **▶** or **▶** button to select ON/OFF.
- Press **PTT/CALL** button to confirm or **MENU** button to continue.

Display backlight on/off

This radio has 3 display backlight colors (orange/blue/purple), you can choose your favorite backlight color. Or you can turn off the backlight when you need to save power or when you don't need the display backlight during the day. It can save power to the maximum extent and extend the use time of the radio.

- Press **MENU** button until **CL** appears.
- Press **▶** or **▶** button to select OF/01-03.
- Press **PTT/CALL** button to confirm or **MENU** button to continue.

Description: 01: Orange, 02: Blue, 03: Purple, OF: Turn off the display backlight.

SOS Emergency Alarm

The emergency alarm function can be used to signal your companions that you need emergency assistance.

There are two alarm modes: local alarm/transmit alarm.





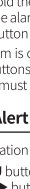


Local Alarm: only sounds on the device itself

Off **Transmit Alarm:** sounds on the device and simultaneously sends an alarm sound to radios on the same channel/privacy code.

06 Mode Functions

Scrolling Through the Mode Function

By scrolling through the **MENU** functions, you can select or switch on your preferred radio functions. When you scroll through the **MENU** functions, the radio functions will be displayed in the same pre-defined order:

MENU Button	Button Function in Setting state
	OK/Next Back    OK/Standby Select-    Select+

- 22 Channel
- 121 Privacy Codes
- VOX setting
- off, 01-09L
- Power Saving
- off, 01-04L
- Call Ringtone selection
- on/off
- Key Tone setting
- on/off
- Roger Beep Confirmation Tone
- on/off
- Screen backlight
- on/off
- SOS Beep Options
- on/off
- Vibration Alert
- on/off
- Dual Watch
- on/off
- Channel (B)
- 22 channels
- Privacy Codes setting (B)
- 121 Privacy Codes
- High/Low Power
- high or low

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

English 7

English 8

Power saving

4 power saving levels: OFF/1-4 (1=lowest, 4=highest).

- Press **MENU** button until **POWER SAVER** icon appears.
- Press **▶** or **▶** button to select the power saving level.
- Press **PTT/CALL** button to confirm or **MENU** button to continue.


Tip: Too high a power saving level may cause the first 0.1-0.5 seconds of voice content to be lost.

Call Alert

Your radio can send a call reminder of a fixed duration. To send a call reminder, press the **CALL** button. The  icon will appear and the call tone will be sent at the same time.

Setting Call Alert Tones


Your radio has 10 optional call tones.

- Press the **MENU** button until the screen displays the  icon.
- Press the **▶** or **▶** button to select the call tone.
- Press **PTT/CALL** button to confirm or **MENU** button to continue.

Tip: OF is to turn off the call function. After turning it off, you will not be able to send a call tone, but you can still receive calls from other radios.

Key Tone On/Off

You can enable or disable the key click sound.

- Press **MENU** button until  appears.
- Press **▶** or **▶** button to select ON/OFF.
- Press **PTT/CALL** button to confirm or **MENU** button to continue.

Setting Local Alarm/Transmit Alarm:

- Press **MENU** button until **So** appears.
- Press **▶** or **▶** button to select the local alarm or transmit alarm.
- Press **PTT/CALL** button to confirm or **MENU** button to continue.

Alarm On/Off:

- Press and hold the **SOS** button for 3 seconds, the **Sos** icon is displayed and the alarm sounds.
- Press **PTT** button to turn off the alarm and return to standby mode.

When the alarm is on, the volume will automatically lock to maximum volume. All buttons on the front of the radio are locked. The alarm will continue and must be stopped by pressing the **PTT** button.

Vibration Alert

To enable vibration for incoming signals:

- Press **MENU** button until the  icon appears.
- Press **▶** or **▶** button to select ON/OFF.
- Press **PTT/CALL** button to confirm or **MENU** button to continue.

Note: Turn on the vibration reminder, and the radio will vibrate when receiving a radio signal. However, the radio will not vibrate repeatedly when receiving a signal within 10 seconds.

Dual Watch

The radio has a dual watch mode, allowing users to scan 2 channels to view any activity. The **2CH** channel can only be used to receive radio signals, not transmit radio signals.

Turn On Dual Watch Mode:

- Press **MENU** button until the **2CH** icon appears.
- Press **▶** or **▶** button to select OFF/ON.
- Press **PTT/CALL** button to confirm or **MENU** button to continue.

English 9

English 10

08 Frequency table

Weather Channels and Frequencies

Ch	Freq.	Ch	Freq.	Ch	Freq.
1	162.550	4	162.425	7	162.525
2	162.400	5	162.450	8	161.650
3	162.475	6	162.500	9	161.775

CTCSS Privacy Code Table

Co	Freq.	Co	Freq.	Co	Freq.	Co	Freq.
01	67.0	11	97.4	21	136.5	31	193.8
02	71.9	12	100.0	22	141.3	32	202.5
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		

Frequency Allocation

Ch	Freq. (MHz)	Power	Ch	Freq. (MHz)	Power
1	462.5850	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	462.6150	0.5/2W	15	467.5500	0.5/2W
5	462.6625	0.5/2W	16	462.5000	0.5/2W
6	462.6875	0.5/2W	17	462.6500	0.5/2W
7	462.7125	0.5/2W	18	462.6250	0.5/2W
8	462.5875	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

09 Frequently Asked Questions

About Waterproof Performance

- The waterproof performance of the radio may decrease with daily use, falling, impact, etc.
- Do not put the radio in water unless necessary. If it accidentally falls into the water, please pick it up immediately to avoid damaging the radio.
- In an environment where water may be involved, first check whether the plugs at the headphone interface and Type-C interface are well sealed.
- Disassembling the radio privately may also reduce the waterproof performance.

10 General Specifications

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 use 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.

IC RSS-GEN

This device complies with ISED 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 ISED regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by ISED. 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 operation 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.

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/ISED with the device transmitting at its highest certified power level in all tested frequency bands, 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/ISED. Tests for each device are performed in po-

DCS Privacy Code Table

58	D132N	79	D306N	100	D506N	121	D754N
59	D134N	80	D311N	101	D516N		

English

English

About Communication Distance

- In actual use scenarios, factors such as buildings, undulating terrain, tree cover, and electromagnetic interference will affect the effective communication distance of the radio.
- Metal products will seriously hinder radio signals. It is recommended to avoid using it in an environment blocked by metal.
- To achieve the longest communication distance, keep the battery fully charged and move to an open high ground.

Frequently receive unfamiliar radio signals

Since the radio uses a public frequency, it is inevitable to receive unfamiliar signals. In case of interference, please switch to other channels or switch to other privacy codes.

If you do not set the privacy code CTCSS/DCS for the radio, the possibility of receiving strange signals will increase greatly. It is strongly recommended that you add a privacy code when using it.

The call noise is very loud

- The noise is loud because the distance is too far and the signal is relatively weak. When the distance between the two radios is shortened, the noise will gradually decrease.
- When the distance between the two radios is too close (for example, less than 3 meters), a loud microphone howling will be generated. At this time, you can increase the distance or lower the volume.

About charging

CE Maintenance

1. Use careful with the earphone maybe excessive sound pressure from earphones and



headphones can cause hearing loss.

2. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
3. The product shall only be connected to a USB interface of version USB2.0.
4. Adapter shall be installed near the equipment and shall be easily accessible.
5. EUT Operating temperature range: 0° C to 40° C .
6. Adapter: The plug considered as disconnect device of adapter

Power supply and ADP(rating):

Input: 100~240V, 50~60Hz, 0.25A

Output: 5.0V, 1000mA

Maximum utput power: 28.11dBm

7. The device complies with RF specifications when the device used at 25mm your body.
8. To prevent possible hearing damage. Do not listen at high volume levels for long periods.

Declaration of Conformity

Shenzhen Todakj Co.,Ltd. hereby declares that this Holding a walkie-talkie is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), This product is allowed to be used in all EU member states.



Federal Communication Commission Interference Statement

FCC ID: 2AQQS-G2PROPLUS

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.

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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Radiation Exposure Statement:

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions (25mm) accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.