

Gaswei G2PRO

Gaswei G2Pro+ IP67 Waterproof Floating Walkie Talkies Instruction Manual

Model: G2PRO

1. PRODUCT OVERVIEW

The Gaswei G2Pro+ is a robust and versatile two-way radio designed for reliable communication in various environments. Featuring IP67 waterproofing, shock resistance, and a floating design, it is suitable for outdoor activities, farms, warehouses, fishing, camping, and hunting. This manual provides detailed instructions for its setup, operation, and maintenance.

Key Features:

- **Superior Protection:** ABS+TPU wear-resistant, waterproof, shockproof, and dustproof shell with IP67 rating. Floats if dropped in water.
- **Long Range Communication:** Offers 0.5W energy-saving mode and 2W high-power mode for stable signals and clear calls up to 3-5 km in open areas.
- **Abundant Channels & Privacy:** 22 channels for multiple teams and 121 privacy codes for secure communication.
- **Convenient Functions:** VOX hands-free operation, vibration alarm, beep sound, key lock, high/low power switch, headphone connectivity, and USB-C charging.
- **Ergonomic Design:** Comfortable to hold, cable-free, and portable for easy operation.



Front view of the Gaswei G2Pro+ Walkie Talkie.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Gaswei G2Pro+ Walkie Talkie x 2
- Nonstandard Battery x 2 (pre-installed or included separately)
- Charging Base x 1
- USB-C Cable x 1
- Power Adapter x 1
- Belt Clip x 2
- Wrist Strap x 2
- User Manual x 1



You will get:

- Walkie-talkie*2
- Charging base*1
- USB-C cable*1
- adapter*1
- Belt clip*2
- Wrist strap*2
- user's manual*1

Illustration of the Gaswei G2Pro+ package contents.

3. PRODUCT DIAGRAM

Familiarize yourself with the various parts and controls of your Gaswei G2Pro+ Walkie Talkie:

SPECIFICATION



Labeled diagram of the Gaswei G2Pro+ Walkie Talkie components.

- **Antenna:** For transmitting and receiving signals.
- **Microphone Jack / External Speaker:** Port for external audio accessories.
- **Backlit LCD Display:** Shows channel, battery status, and other indicators.
- **PTTA/OK Button:** Push-to-Talk button (top).
- **On-Off/Weather/Radio(FM) Button:** Power control and mode selection.
- **Menu/Lock Button:** Accesses menu settings and locks/unlocks keys.
- **Microphone:** For voice input.
- **Speaker:** For audio output.
- **Volume +/Select/Scan Button:** Adjusts volume, navigates menus, and initiates scan.
- **CALL/PTTB/OK Button:** Call button and main Push-to-Talk button (side).
- **Volume -/Select/SOS Button:** Adjusts volume, navigates menus, and activates SOS.
- **Type-C Charge Jack:** USB-C port for direct charging.
- **Lanyard Hole:** Attachment point for wrist strap.
- **Belt Clip:** For attaching the radio to clothing or a belt.

- **1800mAh Li-ion Battery:** Rechargeable battery.
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4. SETUP

4.1 Battery Installation

The Gaswei G2Pro+ walkie talkies come with nonstandard Li-ion batteries. Ensure the battery is correctly inserted into the compartment, following the polarity indicators. Secure the battery cover firmly to maintain the IP67 waterproof seal.

4.2 Charging the Battery

Before first use, fully charge the walkie talkies. You can charge them using the included charging base or directly via the USB-C port.

1. **Using the Charging Base:** Connect the USB-C cable to the charging base and then to the power adapter. Plug the adapter into a wall outlet. Place the walkie talkie into the charging slot. The charging indicator on the display will show charging status.
2. **Direct USB-C Charging:** Connect the USB-C cable directly to the Type-C Charge Jack on the walkie talkie and to a power source (adapter, laptop, power bank, car charger).

Charging typically takes 4-6 hours. A full charge provides approximately 7-24 hours of use time and 48-72 hours of standby time.

SUPER LONG STANDBY



Type-C
charge jack



1800mAh
battery



Low battery
indicator



Charge Time
4-6 Hours

Use Time
7-24 Hours

Standby Time
48-72 Hours



Laptop



Power Bank



Car Charger



Charging options for the Gaswei G2Pro+ walkie talkies.

4.3 Attaching Accessories

Attach the belt clip to the back of the walkie talkie for convenient carrying. The wrist strap can be threaded through the lanyard hole for added security.



Rear view of the walkie talkie with belt clip attached.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the **On-Off/Weather/Radio(FM)** button to power the walkie talkie on or off.

5.2 Channel Selection

The G2Pro+ has 22 channels. To change channels:

1. Press the **Menu/Lock** button once to enter channel selection mode. The channel number on the display will flash.
2. Use the **Volume +/Select/Scan** or **Volume -/Select/SOS** buttons to select your desired channel.
3. Press the **CALL/PTTB/OK** button or **Menu/Lock** button again to confirm the selection.

5.3 Privacy Codes (CTCSS/DCS)

The G2Pro+ supports 121 privacy codes (CTCSS/DCS) to ensure secure communication and reduce interference. To set a privacy code:

1. Press the **Menu/Lock** button twice to enter privacy code selection mode.
2. Use the **Volume +/Select/Scan** or **Volume -/Select/SOS** buttons to select your desired code.
3. Press the **CALL/PTTB/OK** button or **Menu/Lock** button again to confirm.

5.4 Push-to-Talk (PTT) Function

To transmit your voice, press and hold either the top **PTTA/OK** button or the side **CALL/PTTB/OK** button. Speak clearly into the microphone. Release the button to listen for a response.



The dual PTT button design for convenient operation.

5.5 VOX Hands-Free Operation

VOX (Voice Operated Exchange) allows you to transmit without pressing the PTT button. To activate VOX:

1. Press the **Menu/Lock** button multiple times until the VOX setting appears on the display.
2. Use the **Volume +/Select/Scan** or **Volume -/Select/SOS** buttons to select the desired VOX sensitivity level (e.g., 1-5, with 5 being most sensitive).

3. Press the **CALL/PTTB/OK** button or **Menu/Lock** button to confirm.

5.6 FM Radio

The G2Pro+ includes an FM radio function. To use the FM radio:

1. Press the **On-Off/Weather/Radio(FM)** button briefly to switch to FM radio mode.
2. Use the **Volume +/Select/Scan** button to automatically scan for broadcast channels with the strongest signal.
3. Use the **Volume +/Select/Scan** or **Volume -/Select/SOS** buttons to manually tune or select channels.
4. Press the **On-Off/Weather/Radio(FM)** button again to exit FM radio mode.

5.7 NOAA Weather Alert

The walkie talkie can receive NOAA weather alerts. To activate NOAA weather mode:

1. Press the **On-Off/Weather/Radio(FM)** button briefly to cycle through modes until NOAA weather mode is active.
2. The device will automatically scan for NOAA weather channels and broadcast emergency weather warnings.
3. Press the **On-Off/Weather/Radio(FM)** button again to exit NOAA weather mode.



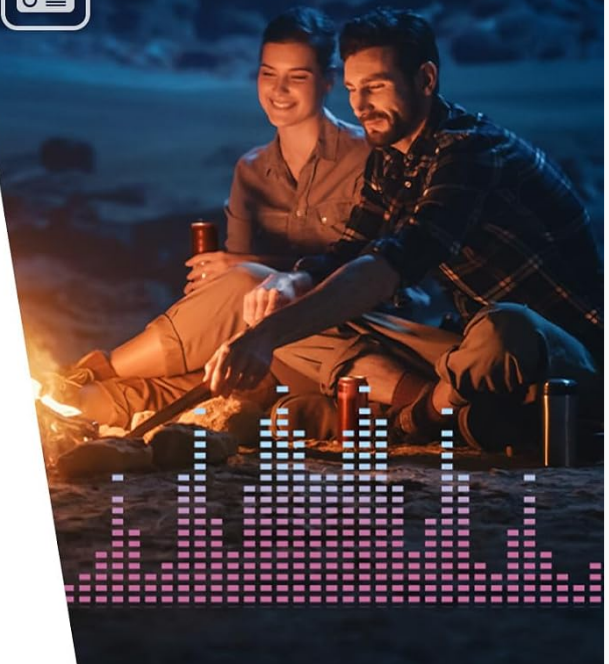
NOAA WEATHER ALERT

10 weather channels, emergency weather warnings automatically broadcast.

FM RADIO BROADCASTING

Automatically scans the broadcast channels with the strongest signal in the current area.

*Maybe time alone will make you see~
How deep our love could be~*



5.8 SOS Function

In an emergency, the SOS function can be activated. Press and hold the **Volume -/Select/SOS** button to send an audible alert signal.

5.9 Key Lock

To prevent accidental button presses, press and hold the **Menu/Lock** button until the lock icon appears on the display. Repeat to unlock.

5.10 High/Low Power Switch

The G2Pro+ features a 0.5W energy-saving mode for short-range communication and a 2W high-power mode for extended range. This setting can typically be adjusted through the menu. Refer to the on-screen menu options for specific instructions on switching between high and low power modes.

6. ADVANCED FEATURES

6.1 Long Range Communication

The Gaswei G2Pro+ is designed for long-range communication. The actual range can vary significantly based on terrain, obstructions, and atmospheric conditions.

- **Max Range (4-6 Miles):** Achievable in open areas with no line-of-sight obstruction.
- **Ideal Range (3-5 Miles):** Typical in areas with partial obstruction to line of sight.
- **Obstructed Range (1-3 Miles):** Expected in urban areas or environments with major obstructions.

LONGER RANGE

Longer range communication in open areas with little or no obstruction.

MAX UP TO
4-6
MILES
No sight obstruction

IDEAL
3-5
MILES
Partial obstruction to line of sight

OBSTRUCTED
1-3
MILES
Major obstruction to line of sight



Factors affecting communication range.

7. MAINTENANCE AND CARE

7.1 Waterproof, Shockproof, and Dustproof Features

The G2Pro+ boasts an IP67 rating, meaning it is fully protected against dust ingress and can withstand immersion in water up to 1 meter for 30 minutes. Its ABS+TPU shell provides excellent shock resistance, capable of withstanding drops from up to 2 meters.

BUOYANT WATERPROOF

Double waterproof strip, airtight package, and will not sink when dropped into water.

IP67



The G2Pro+ is buoyant and IP67 waterproof.

ANTI-SHOCK

ABS MATERIAL

Sturdy and durable, safe and odor-free.
Anti-aircraft corner design
Withstands 1,000 drops of 2 meters
without damage.

2M
ANTI-FALL



The G2Pro+ features an anti-shock design for durability.

7.2 Cleaning

To clean your walkie talkie, wipe it with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all port covers are securely closed before cleaning or exposing to water.

7.3 Battery Care

- Avoid fully discharging the battery frequently.
- Store the walkie talkie with a partial charge if not used for extended periods.
- Do not expose batteries to extreme temperatures.

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Video demonstrating the IP67 waterproof and anti-shock features of a similar Gaswei walkie talkie model (G1Pro). This video is provided by the seller and highlights general durability aspects relevant to the G2Pro+.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery depleted; Battery not installed correctly.	Charge the battery; Reinstall battery, ensuring correct polarity.
Cannot communicate with other radios	Different channels/privacy codes; Out of range; Obstructions.	Ensure all radios are on the same channel and privacy code; Move closer to other radios; Find a clearer line of sight.
Static or unclear audio	Weak signal; Interference; Low battery.	Move to an area with fewer obstructions; Charge the battery.
FM radio not working / static	Poor signal reception in the area.	Try scanning for stations in a different location with better reception.
Keys are unresponsive	Key lock is active.	Press and hold the Menu/Lock button to unlock the keys.

9. SPECIFICATIONS

Feature	Specification
Model Number	G2PRO
Brand	Gaswei
Waterproof Rating	IP67
Number of Channels	22
Frequency Range	462–467MHz
Talking Range Maximum	5 Kilometer (in open areas)
Battery Type	1800mAh Nonstandard Li-ion Battery
Voltage	3.7 Volts (DC)
Charging Interface	USB-C
Operating Temperature	-20 to 60°C Degrees Celsius
Dimensions (approx.)	12.1cm (H) x 4.9cm (W) x 3cm (D) (excluding antenna)
Weight (approx.)	300g per radio

Feature	Specification
Special Features	Long Range, Rechargeable, Waterproof IP67 & Shockproof, Double PTT, FM Radio, SOS & NOAA Weather Alerts, VOX

10. WARRANTY INFORMATION

Gaswei products are manufactured to high-quality standards. For specific warranty details, including coverage period and terms, please refer to the warranty card included in your product packaging or contact Gaswei customer support directly. Keep your proof of purchase for warranty claims.

11. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your Gaswei G2Pro+ Walkie Talkies, please contact our customer support team. Contact information can typically be found on the product packaging, the official Gaswei website, or the warranty card. Please have your model number (G2PRO) and purchase details ready when contacting support.

