

Gaswei G1PRO

G1pro IP67 Waterproof FRS Heavy Duty Long Range Walkie Talkies User Manual

Model: G1PRO | Brand: Gaswei

1. INTRODUCTION

This manual provides comprehensive instructions for the Gaswei G1pro IP67 Waterproof FRS Heavy Duty Long Range Walkie Talkies. Designed for durability and reliable communication in various environments, these radios offer advanced features for both professional and recreational use. Please read this manual thoroughly to ensure proper operation and maintenance.



Figure 1: Gaswei G1pro Walkie Talkies

2. WHAT'S IN THE BOX

- 2x Walkie Talkies
- 1x Dual Port Type-C Charger with 2 Dock Adapters
- 1x AC Adapter

3. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your G1pro walkie talkie.



Figure 2: G1pro Walkie Talkie Components

Key features include:

- **Antenna:** For signal transmission and reception.
- **PTT/OK Button:** Push-to-Talk for transmitting, also confirms selections.
- **External Speaker/Microphone Jack:** For connecting external audio accessories.
- **Backlit LCD Display:** Shows channel, battery, and feature icons.
- **Power On/Off/Menu Button:** Turns the device on/off and accesses the menu.
- **Call/Lock Button:** Initiates a call tone and locks/unlocks the keypad.
- **Scan/Monitor Button:** Activates channel scan or monitor mode.

- **Volume +/- Select Buttons:** Adjusts volume and navigates menu options.
- **Type-C Charge Jack:** For direct USB-C charging.

4. SETUP

4.1. Charging the Battery

The G1pro walkie talkies come with rechargeable Lithium Polymer batteries. For initial use, fully charge the devices.

1. Connect the AC adapter to the dual port Type-C charger.
2. Place the walkie talkies into the charging docks, ensuring the device logo faces the front of the dock.
3. The indicator light on the dock will turn red while charging. It will turn green when fully charged.
4. Alternatively, you can charge directly using a USB-C cable connected to the Type-C Charge Jack on the device.



Figure 3: Charging the Walkie Talkies

4.2. Powering On/Off

Press and hold the Power On/Off/Menu button for 3 seconds to turn the device on or off.

5. OPERATING INSTRUCTIONS

5.1. Volume Adjustment

Use the Volume +/- Select buttons to adjust the listening volume. The device has 7 volume levels.

5.2. Channel Selection

The G1pro features 22 FRS channels. To change channels:

1. Press the Menu button once. The large channel number on the display will flash.
2. Use the Volume +/- Select buttons to choose your desired channel.
3. Press the PTT button to confirm and exit channel selection mode.



Figure 4: Channels and Privacy Codes

5.3. Encryption Code (CTCSS/DCS Tones)

To enhance privacy and reduce interference, you can set encryption codes:

1. Press the Menu button twice. The small encryption code number will flash.
2. Use the Volume +/- Select buttons to choose a CTCSS (01-38) or DCS (39-99) tone.
3. Press the PTT button to confirm and exit.

5.4. VOX (Voice-Activated Transmission)

VOX mode allows hands-free operation. To activate/deactivate VOX:

1. Press the Menu button three times. The VOX icon and sensitivity level will flash.
2. Use the Volume +/- Select buttons to choose a sensitivity level (1-3) or turn OFF VOX.

3. Press the PTT button to confirm and exit.

5.5. Keypad Sound (Beep Tone)

To turn the keypad beep sound on or off:

1. Press the Menu button five times. The keypad sound setting (ON/OFF) will flash.
2. Use the Volume +/- Select buttons to toggle ON or OFF.
3. Press the PTT button to confirm and exit.

5.6. End of Intercom Sound (Roger Beep)

To enable or disable the "Roger Beep" (end of transmission tone):

1. Press the Menu button six times. The end tone setting (ON/OFF) will flash.
2. Use the Volume +/- Select buttons to toggle ON or OFF.
3. Press the PTT button to confirm and exit.

5.7. Vibration Mode

The G1pro features a vibration reminder for incoming communications, useful in noisy environments.

1. Press the Menu button seven times. The vibration setting (ON/OFF) will flash.
2. Use the Volume +/- Select buttons to toggle ON or OFF.
3. Press the PTT button to confirm and exit.

5.8. High and Low Power Selection

Adjust the transmission power to suit your needs:

- **High Power (2W):** Longer transmission distance, wider coverage, but consumes more battery.
- **Low Power (0.5W):** Shorter transmission distance, but more power-efficient for extended battery life.

Channels 1-7 and 15-22 support both High and Low power. Channels 8-14 only support Low power.

22

Channels | 99 Privacy Codes
2178 Combinations



IP67

Waterproof & Dustproof



ABS + TPU Material

Quakeproof & Dropproof



High/Low Power



Aibrate Alert



USB Type-C

Convenient and Fast



Headset Jack

Privacy



Figure 5: High/Low Power Settings

5.9. Scan Mode

To scan for active channels:

1. Briefly press the Scan/Monitor button. The SCAN icon will appear, and the device will cycle through channels.
2. It will stop on an active channel. Press PTT to transmit on that channel or Menu to exit scan mode.

5.10. Monitoring Mode

To continuously monitor a channel for weak signals:

1. Press and hold the Scan/Monitor button for 3 seconds. The signal tower icon will appear.
2. Release the button to exit monitor mode.

5.11. Key Lock

To prevent accidental button presses:

1. Press and hold the Call/Lock button for 3 seconds. A key icon will appear on the display, indicating the keypad is locked.
2. To unlock, press and hold the Call/Lock button for 3 seconds again. The key icon will disappear.

5.12. Official Product Videos

Watch these official videos from the seller for detailed demonstrations:

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Video 1: Goweï G1pro Durability and Waterproof Testing. This video demonstrates the ruggedness and IP67 waterproof capabilities of the walkie talkie.

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Video 2: Goweï G1pro Walkie-Talkie Detailed Operation Guide. A comprehensive guide covering various operational aspects of the walkie talkie.

6. MAINTENANCE

To ensure the longevity and optimal performance of your G1pro walkie talkies:

- **Cleaning:** Wipe the device with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Waterproof Care:** While IP67 rated, ensure the USB-C port cover and headphone jack cover are securely closed before exposure to water or dust.
- **Storage:** Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For long-term storage, charge the battery to about 50% and recharge every 3-6 months to prevent deep discharge.



Figure 6: IP67 Waterproof Feature

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Battery is low or depleted.	Charge the battery fully.
Cannot Transmit/Receive	Incorrect channel or privacy code. Out of range. Obstructions.	Verify channel and privacy code. Move closer to other radios. Reduce obstructions.
Poor Audio Quality	Weak signal. Interference.	Move to a clearer area. Check for sources of interference.
Keypad Unresponsive	Key lock is activated.	Deactivate key lock by pressing and holding the Call/Lock button.

8. SPECIFICATIONS

- **Model Number:** G1PRO
- **Color:** Black/Yellow
- **Item Weight:** 6.9 ounces
- **Product Dimensions:** 1.5 x 2.36 x 7 inches
- **Batteries:** 2 Lithium Polymer batteries required (included)
- **Number of Channels:** 22 FRS Channels
- **Frequency Range:** FRS: 462 - 467 MHz
- **Talking Range Maximum:** 5 Miles (actual range varies with terrain)
- **Tuner Technology:** UHF
- **Voltage:** 3.7 Volts (DC)
- **Water Resistance Level:** IP67 Waterproof and Dustproof
- **Special Features:** Vibrate, Sturdy and Durable, Heavy Duty, FRS Radios-License Free, VOX, USB-C Charging
- **Country of Origin:** China



WIDE COVERAGE

Different environment complexity and transmission distance

Environment	UP TO DISTANCE
Mountain & Valley	4-6 miles
Jungle & Forest	3-5 miles
City & Town	1-3 miles







Figure 7: Rugged Construction

9. WARRANTY AND SUPPORT

Your Gaswei G1pro walkie talkies come with a **2-Year Warranty** from the date of purchase.

For technical support, troubleshooting assistance, or warranty claims, please contact Gaswei customer service through the retailer where you purchased the product or visit the official Gaswei store on Amazon.

[Visit the Gaswei Store on Amazon](#)

	Gaswei G1PRO+ Two-Way Radio User Manual User manual for the Gaswei G1PRO+ two-way radio, detailing features, operation, safety guidelines, specifications, and troubleshooting. Includes NOAA weather alerts, FM radio, and IP67 waterproofing.
	Gaswei G1PRO+ Two-Way Radio User Manual: Features, Safety, and Operation Comprehensive user manual for the Gaswei G1PRO+ two-way radio, detailing safety instructions, operational guides, features, specifications, and troubleshooting. Available in English, French, German, Italian, and Spanish.
	Gaswei G2pro+ Two-Way Radio User Manual: Operation, Features, and Safety A comprehensive user manual for the Gaswei G2pro+ two-way radio, detailing its features, operational instructions, safety precautions, charging methods, communication setup, and technical specifications. Covers IP67 waterproofing, VOX hands-free operation, NOAA weather alerts, and more.
	Gaswei G1PRO Two-Way Radio User Manual: Safety, Operation, and Features Comprehensive user manual for the Gaswei G1PRO two-way radio, covering safety instructions, operational procedures, features, specifications, and troubleshooting. Learn how to use your radio effectively and safely.
	Gaswei G2pro+ Two-Way Radio User Manual Comprehensive user manual for the Gaswei G2pro+ two-way radio. Covers features, operation, safety guidelines, charging, communication, NOAA weather, FM radio, and technical specifications. Includes IP67 waterproof rating and Dual Watch functionality.
	Gaswei G1PRO+ Two-Way Radio User Manual This user manual provides comprehensive instructions for operating the Gaswei G1PRO+ two-way radio, covering setup, features, safety guidelines, and technical specifications.