

Gaswei G2pro

Gaswei G2pro Walkie Talkies User Manual

Model: G2pro

INTRODUCTION

This user manual provides comprehensive instructions for the operation and maintenance of your Gaswei G2pro Walkie Talkies. Designed for durability and long-range communication, these two-way radios are suitable for various environments and activities. Please read this manual thoroughly before use to ensure optimal performance and safety.

WHAT'S IN THE BOX

Upon opening your Gaswei G2pro package, you should find the following items:

- Two (2) Gaswei G2pro Walkie Talkies with two-way radios
- Two (2) Lithium Polymer Batteries (pre-installed or included separately)
- One (1) USB-C Charging Cable
- One (1) User Guide (this manual)



Image: Contents of the Gaswei G2pro package, including two walkie talkies.

The Gaswei G2pro walkie talkies are built for robust performance in challenging conditions. Key features include:

- **IP55 Waterproof and Dustproof Rating:** Designed to withstand water splashes and dust ingress.
- **Shock-Resistant and Slip-Resistant Design:** Capable of enduring falls from up to 2 meters.
- **Switchable High and Low Power Output:** Choose between 0.5W (Lo) and 2W (Hi) RF output for varied communication needs.
- **22 FRS Channels and 99 CTCSS Tones:** Provides up to 2178 combinations for clear, private communication.
- **VOX Hands-Free Operation:** Allows for voice-activated transmission without pressing the PTT button.
- **Key Lock Function:** Prevents accidental changes to settings.
- **Type-C Charging Interface:** Convenient and fast charging.
- **Headset Jack:** For private communication (headphones sold separately).



Image: Overview of Gaswei G2pro features and durability.

Advance Systems & Hardwares

More mature technologies, better voice communication experience.



Image: Internal components and advanced hardware of the G2pro walkie talkie.

SETUP

1. Battery Installation and Charging

Your G2pro walkie talkies come with rechargeable lithium polymer batteries. Ensure they are fully charged before first use.

- Connect the provided USB-C charging cable to the Type-C port on the walkie talkie.
- Connect the other end of the cable to a compatible USB power adapter (not included) or a computer USB port.
- The charging indicator will show the charging status. A full charge typically takes about 3 hours, providing up to 48 hours of standby time.



USB-C



Excellent Safety

USB Charger Includes overcharge, overvoltage and short circuit protection



Convenient Charging

USB charging line is more convenient for charging



Quickly Charging

Charging for 3 hours, standby for 48 hours

Image: USB-C charging interface and benefits.

2. Powering On/Off

To power on or off the walkie talkie, press and hold the power button (usually the **CALL** button or a dedicated power button, refer to the device's physical layout for exact location) until the LCD screen illuminates or turns off.

OPERATING INSTRUCTIONS

1. Channel Selection

The G2pro features 22 FRS channels. To change channels:

- Press the **MENU** button to enter channel selection mode.
- Use the **UP** and **DOWN** arrow buttons to navigate through the available channels (1-22).
- Press the **MENU** button again or wait a few seconds to confirm your selection.

2. CTCSS Tones (Privacy Codes)

To ensure private conversations and avoid interference, you can set CTCSS tones (99 available). This allows you to communicate only with other radios set to the same channel and CTCSS tone.

- After selecting a channel, press the **MENU** button twice to enter CTCSS tone selection mode.
- Use the **UP** and **DOWN** arrow buttons to select a tone.
- Press the **MENU** button again or wait to confirm.

3. High/Low Power Selection

You can switch between high (2W) and low (0.5W) power output depending on your communication range needs and battery conservation goals.

- Refer to the device's menu or a dedicated button for power selection.
- High power provides maximum range (up to 6 miles or 25 floors) but consumes more battery.
- Low power conserves battery life but reduces communication range.

HIGH/LOW POWER SELECTION

Channel Range	Power Mode	Power Output
1-7 Channel 15-22 Channel	HI/Lo GMRS	0.5 / 2W
8-14 Channel	Lo FRS	0.5W

Hi

In high power mode, the power is 2 watts, communication distance will be greater but it will consume more battery.

Lo

In low power mode, the power is 0.5 watts, communication distance will be shorter, but it will be more power-efficient.

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Image: High/Low power selection for optimal performance.

4. VOX Hands-Free Operation

VOX (Voice Operated Exchange) allows you to transmit by speaking into the microphone without pressing the Push-to-Talk (PTT) button.

- To activate/deactivate VOX, navigate through the menu settings.
- Adjust VOX sensitivity levels to prevent accidental transmissions from background noise.

5. Key Lock Function

To prevent accidental button presses and setting changes, activate the Key Lock function.

- Typically, press and hold the **MENU** button or a specific lock button to engage/disengage.

6. Communication

- Ensure both walkie talkies are on the same channel and CTCSS tone.
- To transmit, press and hold the PTT button on the side of the radio. Speak clearly into the microphone.
- Release the PTT button to listen for a response.
- For one-to-many communication, all radios on the same channel and tone will receive the transmission.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your Gaswei G2pro walkie talkies.

- **Cleaning:** Wipe the radios with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the walkie talkies in a cool, dry place when not in use. If storing for extended periods, ensure batteries are partially charged (not fully charged or fully depleted) and recharge them every few months.
- **Water Exposure:** While IP55 rated, avoid prolonged submersion. If exposed to water, wipe dry thoroughly before charging or opening any compartments.
- **Shock Resistance:** The radios are shock-resistant, but extreme impacts should still be avoided to prevent internal damage.



Image: G2pro's waterproof and splash-proof capabilities.



Image: Rugged construction of the G2pro for harsh environments.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery depleted or not installed correctly.	Charge the battery. Ensure the battery is properly seated.
Cannot communicate with other radios	Different channels or CTCSS tones. Out of range.	Verify both radios are on the same channel and CTCSS tone. Move closer to the other radio. Switch to high power mode.
Poor audio quality / Static	Weak signal, interference, or low battery.	Move to an area with better line of sight. Change channels. Recharge battery.

Problem	Possible Cause	Solution
VOX activates unexpectedly	VOX sensitivity too high.	Adjust VOX sensitivity to a lower level in the menu settings.
Buttons unresponsive	Key Lock is active.	Deactivate Key Lock (refer to Operating Instructions).







SPECIFICATIONS

Feature	Detail
Model Number	G2pro
Brand	Gaswei
Item Weight	7 ounces
Product Dimensions	1.4 x 2.36 x 6.7 inches
Batteries	1 Lithium Ion battery required (included)
Display Type	LCD
Number of Channels	22 FRS Channels
Privacy Codes	99 CTCSS Tones (2178 combinations)
Special Features	Keypad Lock, Long Range, Rechargeable, Shockproof, Weather Resistant, VOX
Frequency Range	462 - 467 MHz
Tuner Technology	UHF
Voltage	3.7 Volts (DC)
Water Resistance Level	IP55 Waterproof
Maximum RF Output	0.5W (Lo) / 2W (Hi)
Communication Distance	Up to 6 miles (or 25 floors)

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Gaswei website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims. You can also visit the [Gaswei Store on Amazon](#) for more product information and support resources.

Related Documents - G2pro

 The image shows the cover of the Gaswei G2pro+ Two-Way Radio User Manual. It features a black two-way radio with a digital display showing '22'. The text 'Gaswei' is at the top, and 'IP67' is prominently displayed in the center. Below the radio, it says 'TWO-WAY RADIO G2pro+ User manual' and 'Please read this manual carefully and keep it in a safe place.'	<p>Gaswei G2pro+ Two-Way Radio User Manual: Operation, Features, and Safety</p> <p>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.</p>
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