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 - > GOCOM G9 Waterproof FRS Two-Way Radio User Manual

GOCOM G9

GOCOM G9 Waterproof FRS Two-Way Radio User Manual

Model: G9 | Manufacturer: GOCOM

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your GOCOM G9 Waterproof FRS Two-Way Radios. Please read this manual thoroughly before using the device and retain it for future reference. The GOCOM G9 is designed for reliable communication in various outdoor environments, featuring waterproof capabilities, NOAA weather alerts, and emergency functions.



Image 1.1: GOCOM G9 Two-Way Radios with accessories, including charging base, batteries, and earpieces.

2. PRODUCT OVERVIEW

2.1 Key Features

- **IP67 Waterproof & Floating Design:** Fully submersible and floats if dropped in water. Water-activated LED for easy retrieval.
- **NOAA Weather Alert:** Automatically scans 11 weather band channels and alerts for severe weather (US only).
- **SOS Emergency Lamp & LED Flashlight:** Built-in flashlight with white and red LEDs, and an SOS function for emergencies.
- **22 FRS Channels & 121 Privacy Codes:** Provides multiple communication options and helps ensure privacy.
- **VOX Hands-Free Operation:** Allows voice-activated transmission without pressing the Push-to-Talk (PTT) button.
- **Long Range Communication:** Designed for extended range communication.

Portable FRS Two-Way Radios

GOCOM G9 Walkie Talkies for seaside activities, travel, camping, hiking etc.



NOAA Weather Channel



High Luminous Flashlight



Floating



High & Crystal Clear Audio



22 Channels



SOS Emergency Light

Image 2.1: Visual representation of key features including NOAA, flashlight, floating, clear audio, 22 channels, and SOS.

2.2 Component Identification

G9 2 Way Radios Key Function

Setting High Low Power, 2 Watt Transmit Power with user selectable 2W or 0.5W Transmit power.



Image 2.2: Diagram illustrating the various buttons and components of the GOCOM G9 radio.

1. **Push-to-Talk (PTT) Button:** Press and hold to transmit, release to listen.
2. **Power On/Off / Call Tone Button:** Press to turn the radio on or off. Use for call tone.
3. **Lamp On/Off / Weather Switch:** Activates the flashlight or accesses NOAA weather channels.
4. **SOS Button:** Activates the SOS emergency lamp and signal.
5. **Lamp:** Integrated LED flashlight.
6. **Micro-USB Charging Port / Accessory Port:** For charging and connecting accessories.
7. **Lock/Menu Button:** Accesses the menu for settings and locks controls.
8. **Monitor/Scan Button:** Monitors current channel activity or initiates channel scan.
9. **Microphone:** For voice input.
10. **Speaker:** For audio output.

3. SETUP

3.1 Battery Installation

The GOCOM G9 radios require 6 AA batteries (included). To install:

1. Locate the battery compartment cover on the back of the radio.
2. Open the cover.
3. Insert 6 AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

3.2 Charging

The radios can be charged using the provided Micro-USB cable and charging base.

1. Connect the Micro-USB cable to the charging base and a power source.
2. Place the radio into the charging slot on the base.
3. Ensure the charging indicator light on the radio or base illuminates, indicating charging is in progress.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

To power on or off, press and hold the **Power On/Off** button until the display activates or deactivates.

4.2 Setting the Channel

To communicate with another radio, both devices must be on the same channel and sub-code.

1. Press the 'Lock/Menu' button until the channel number starts to flash.
2. Press the 'Up' or 'Down' button to change the channel number.
3. Press the PTT button to exit the menu and save the setting.

4.3 Setting the Sub Codes

Sub-codes help ensure privacy by filtering out unwanted transmissions on the same channel.

1. Press the 'Lock/Menu' button until the sub-code number starts to flash.
2. Press the 'Up' or 'Down' button to select the desired sub-code number.
3. Press the PTT button to exit the menu and save the setting.

4.4 Push-to-Talk (PTT) Communication

To transmit your voice, press and hold the **PTT** button. Speak clearly into the microphone. Release the PTT button to listen for a response.

4.5 VOX Hands-Free Operation

The VOX function allows voice-activated transmission without manually pressing the PTT button.

32-Mile Long Range & VOX Hands-free

Longer range communication and Voice Operated Transmission with the sensitivity levels for hands-free operation.



Image 4.1: Illustration of the radio's long-range and VOX hands-free features.

Refer to the radio's on-screen menu or specific button combinations to activate and adjust VOX sensitivity levels.

4.6 NOAA Weather Alert

The NOAA Weather Alert feature provides automatic alerts for severe weather conditions (US only).

Withstand in extreme weather conditions

NOAA Weather Alerts - US ONLY

NOAA



Image 4.2: The GOCOM G9 radio featuring NOAA Weather Alert functionality.

To activate NOAA Weather Scan, press the **Lamp On/Off / Weather Switch** button. The radio will scan 11 available weather (WX) band channels and lock onto the strongest signal. An alarm will sound if a severe weather alert is issued.

4.7 Flashlight and SOS Emergency Lamp

The radio includes a built-in LED flashlight and an SOS emergency lamp.



Build-in SOS Emergency Light

When in danger, easily ask for help. Press the SOS button and the red light will transmit sos blinking morse code.



LED Flashlight

Image 4.3: The GOCOM G9 radio's built-in LED flashlight and SOS emergency light in action.

- **Flashlight:** Press the **Lamp On/Off** button to activate the white LED flashlight. Press again to turn off.
- **SOS Emergency Lamp:** Press the **SOS** button to activate the red SOS emergency lamp, which will transmit a blinking Morse code signal.

5. MAINTENANCE

5.1 General Care

- Keep the radio clean and dry. Wipe with a soft, damp cloth if necessary.
- Avoid exposing the radio to extreme temperatures or direct sunlight for prolonged periods.
- Do not use harsh chemicals or abrasive cleaners.

5.2 Waterproof Feature

Fully enjoy your outdoor adventure

IP67 waterproof 2 way radio to keep you connected whether on land or at sea.



Submersible



Dewatering system

(Bottom speaker hole water droplet)



Floating on the water

Water Activated Flashlight



Image 5.1: The GOCOM G9 radio demonstrating its IP67 waterproof and water-activated flashlight capabilities.

The GOCOM G9 is IP67 rated, meaning it is fully waterproof and submersible. If the radio falls into water, its water-activated LED will illuminate, and it will float for easy retrieval. Ensure all ports and battery covers are securely closed before exposing the radio to water.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

Problem	Possible Cause	Solution
No power	Low or dead batteries; incorrect battery installation.	Replace or recharge batteries; ensure correct polarity.
Cannot communicate with other radios	Different channel or sub-code; out of range.	Verify both radios are on the same channel and sub-code. Move closer to the other radio.

Problem	Possible Cause	Solution
Static or unclear audio	Weak signal; interference; low battery.	Move to an open area; avoid obstacles; recharge batteries.
VOX not activating	VOX sensitivity too low; VOX not enabled.	Adjust VOX sensitivity in the menu; ensure VOX is enabled.
NOAA Weather Alert not working	Not in a NOAA service area; feature not activated.	Check if NOAA service is available in your location; activate NOAA scan.

7. SPECIFICATIONS

- **Model:** G9
- **Item Model Number:** 709175587544
- **Brand:** GOCOM
- **Color:** Green
- **Number of Channels:** 22 FRS Channels
- **Privacy Codes:** 121
- **Water Resistance Level:** IP67 Waterproof (Submersible)
- **Special Features:** NOAA Weather Alert, VOX, Flashlight, SOS Emergency Lamp, Floating
- **Batteries:** 6 AA batteries required (included)
- **Voltage:** 3.7 Volts
- **Frequency Range:** 300 MHz - 3 GHz
- **Talking Range Maximum:** Up to 14 Miles (terrain dependent)
- **Product Dimensions:** 7.87 x 1.77 x 2.36 inches
- **Item Weight:** 1.91 pounds (approx. 0.87 Kilograms)

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The GOCOM G9 Two-Way Radios come with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact GOCOM customer support through the retailer's platform or the official GOCOM website. Provide your product model and purchase details for efficient service.

9. LEGAL DISCLAIMER

Important Tips:

- Same channel with different sub-code will not be able to communicate with each other. To enable two devices to communicate with each other, please ensure that the channels and sub-codes are the same. For example, if device #1 is set to channel 8, sub-code 7, device #2 must also be set to channel 8, sub-code 7.
- NOAA radio service may not be available in all areas.

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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