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Retevis RB67

Retevis RB67 Walkie Talkie Instruction Manual

Model: RB67

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Retevis RB67 FRS Two-Way Radios. Please read this manual thoroughly before operating the device to ensure safe and efficient communication.

2. WHAT'S IN THE BOX

- 6 x Retevis RB67 Two Way Radio
- 6 x Li-ion Battery and Earpiece
- 6 x Belt Clip and Hand Strap
- 3 x USB-C Charger Cable and Adapter
- User Manual

PACKAGE INCLUDES



Image: All items included in the Retevis RB67 package.

3. PRODUCT OVERVIEW

The Retevis RB67 is a compact and lightweight FRS two-way radio designed for clear and efficient communication. It features a 1.44-inch LCD display, USB-C charging, and a 1600mAh battery for extended use.

ONE KEY GROUP CALL

"GROUP" function allows you to send a message to multiple people with a single button press, even if they are not on the same channel



Image: Front view of the Retevis RB67 radio.



Image: Detailed view of the RB67 display and control buttons.

Product Display Video

Video: A brief demonstration of the Retevis RB67 walkie-talkie's physical features and design.

4. SETUP

4.1 Battery Installation

1. Ensure the radio is powered off.
2. Locate the battery compartment on the back of the radio.
3. Slide the battery lock to the unlock position.
4. Insert the Li-ion battery into the compartment, ensuring the contacts align.
5. Slide the battery lock to the lock position to secure the battery.



KEEP GETTING THE
LATEST WEATHER INFORMATION.

11 NOAA CHANNELS

Image: Battery installation in the Retevis RB67.

4.2 Charging the Battery

The Retevis RB67 radios feature convenient USB-C charging. Use the provided USB-C cable and adapter to charge the radios.

1. Connect the USB-C cable to the charging port on the side of the radio.
2. Connect the other end of the USB-C cable to the power adapter or a compatible USB power source (e.g., power bank, PC).
3. The charging indicator on the radio will show the charging status.
4. A full charge typically takes several hours. Disconnect the charger once charging is complete.

USB-C CHARGING



USB adapter



Power bank



PC charging



Vehicle charging



Image: USB-C charging for the Retevis RB67.

5. BASIC OPERATION

5.1 Power On/Off

To power on the radio, press and hold the power button until the display illuminates. To power off, press and hold the power button again until the display turns off.

5.2 Channel Selection

Use the Up (▲) and Down (▼) keys to navigate through the available channels. The selected channel number will be displayed on the LCD screen.

5.3 Transmitting and Receiving

1. To transmit, press and hold the Push-to-Talk (PTT) button on the side of the radio. Speak clearly into the microphone.
2. Release the PTT button to stop transmitting and return to receive mode.
3. Ensure all radios are on the same channel and privacy codes (CTCSS/DCS) to communicate effectively.

5.4 Volume Adjustment

Use the Up (▲) and Down (▼) keys to adjust the speaker volume. The volume level will be indicated on the display.

6. ADVANCED FEATURES

6.1 One-Key Group Call

The one-key group call function allows you to broadcast a message to multiple radios simultaneously, even if they are not on the same channel. This feature enhances communication efficiency, especially in emergency situations or when coordinating a team.

How to use the One-Key Group Call function:

Video: Demonstration of how to activate and use the one-key group call feature on the Retevis RB67.

6.2 VOX Function (Voice Operated Exchange)

The VOX function enables hands-free operation, allowing you to transmit by speaking into the microphone without pressing the PTT button. This is useful when your hands are occupied.

How to use the VOX function:

Video: Instructions on how to enable and use the VOX hands-free function on the Retevis RB67.

6.3 Key Lock Function

The key lock function prevents accidental button presses, ensuring your settings remain unchanged during use or transport. This is particularly useful to avoid unintended channel changes or feature activations.

How to use the Key Lock function:

Video: Guide on how to activate and deactivate the key lock feature on the Retevis RB67 to prevent accidental operations.

6.4 NOAA Weather Channels

The Retevis RB67 includes access to 11 NOAA weather channels, providing real-time weather information and alerts. This feature is crucial for outdoor activities or in situations where weather conditions can impact safety.



Image: Accessing NOAA weather channels on the Retevis RB67.

6.5 Earpiece Use

The included earpieces provide clearer and more private communication. Simply plug the earpiece into the radio's audio jack. The earpiece typically includes a microphone and a PTT button for convenient use.

COMMUNICATE MORE CLEARLY



Image: Using the Retevis RB67 with an earpiece for clear communication.

7. MAINTENANCE

7.1 General Care

- Keep the radio dry. Avoid exposure to rain, moisture, or liquids.
- Clean the radio with a soft, damp cloth. Do not use harsh chemicals or solvents.
- Avoid extreme temperatures. Do not store the radio in very hot or cold environments.
- Do not attempt to disassemble or modify the radio. This will void the warranty.

7.2 Battery Care

- Charge the battery fully before first use.
- Do not overcharge or deep discharge the battery.
- If the radio will not be used for an extended period, remove the battery.
- Dispose of batteries according to local regulations.



LONG WORKING TIME



BATTERY CAPACITY:
1600mAh



WORKING TIME:
11h



STANDBY TIME:
30h

Image: Battery capacity and typical usage times for the Retevis RB67.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on	Low or dead battery; Incorrect battery installation	Charge the battery; Reinstall the battery correctly
Cannot transmit or receive	Incorrect channel; Privacy code mismatch; Out of range	Verify channel and privacy codes; Move closer to other radios
Poor audio quality or static	Weak signal; Interference; Low battery	Move to an open area; Avoid sources of interference; Charge battery
Keypad is unresponsive	Key lock is active	Deactivate the key lock function (refer to section 6.3)

9. SPECIFICATIONS

- **Brand:** Retevis

- **Model Number:** RB67
- **Color:** Black
- **Number of Channels:** 22
- **Frequency Range:** FRS
- **Talking Range Maximum:** 2 Miles (approximate, varies by terrain)
- **Voltage:** 3.7 Volts (DC)
- **Battery Capacity:** 1600mAh Li-ion
- **Battery Average Life:** 30 Hours (standby)
- **Product Dimensions:** 0.86"D x 1.88"W x 5.27"H
- **Weight:** 120g (approximate)
- **Water Resistance Level:** Not Water Resistant
- **Temperature Range:** -20°C to +60°C
- **Special Features:** 1600mAh large battery, one key group call, 1.44-inch LCD display, USB-C charging, NOAA weather channels.

10. WARRANTY AND SUPPORT

Retevis provides a 2-year warranty for the radio body and a 1-year warranty for accessories. A 30-day no-reason return policy is also offered. For any warranty claims or technical support, please contact Retevis Direct on Amazon. They aim to reply within 12 hours.

For further assistance, you can visit the Retevis Store on Amazon.