

Retevis RT68B

Retevis RT68B 2 Way Radio User Manual

Model: RT68B

1. OVERVIEW

This manual provides detailed instructions for the safe and efficient use of your Retevis RT68B 2 Way Radio. Please read this manual thoroughly before operating the device to ensure proper functionality and to prevent damage.

Package Contents

Upon opening the package, verify that all items listed below are present and in good condition:

- 2 x RT68B Walkie Talkie Units
- 2 x 1200mAh Li-ion Batteries
- 2 x Belt Clips & Hand Straps
- 2 x AC Adapters & Desktop Charging Bases
- 1 x User Manual

Package Includes



Image: Detailed view of the Retevis RT68B package contents.

2. SETUP

2.1 Battery Installation

1. Ensure the radio is powered off.
2. Locate the battery compartment on the back of the radio.
3. Align the 1200mAh Li-ion battery with the compartment contacts.
4. Gently press the battery into place until it clicks securely.

2.2 Charging the Radio

The Retevis RT68B offers two charging methods: USB-C direct charging and desktop charging base.

- **Using the Desktop Charging Base:** Connect the AC adapter to the desktop charging base, then plug the adapter into a power outlet. Place the radio into the charging slot. The indicator light on the base will show charging status.
- **Using USB-C Direct Charging:** Connect a standard USB-C cable (not included) to the USB-C port on the side of

the radio and to a compatible USB power source.

Rechargeable Walkie Talkie



Image: The Retevis RT68B radio illustrating its dual charging capabilities: USB-C and desktop charging.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off and Volume Adjustment

- **Power On:** Rotate the Power/Volume knob clockwise until you hear a click.
- **Power Off:** Rotate the Power/Volume knob counter-clockwise until you hear a click.
- **Volume Adjustment:** Rotate the Power/Volume knob clockwise to increase volume, counter-clockwise to decrease.

3.2 Channel Selection

The RT68B features 16 channels. Rotate the Channel Selector knob (typically located next to the antenna) to choose your desired channel. Ensure all radios in your group are on the same channel for communication.

3.3 Push-to-Talk (PTT) Button

To transmit, press and hold the large PTT button on the side of the radio. Speak clearly into the microphone. Release the PTT button to listen.

3.4 Front Button Functions

The RT68B is equipped with three front buttons (MENU, Up Arrow, Down Arrow) that allow direct access to several functions without PC programming.

Easy to Operate

Without using the PC, increase the operational convenience

Note:
These functions can be achieved through PC settings.

	VS	
 Achieve by the radio	 Key lock	 Achieve by the radio
 Achieve by the radio	 Roger beep	 Achieve by the radio
 Achieve by the radio	 VOX	 Achieve by the radio

Image: The RT68B's front buttons provide direct access to key functions like Key Lock, Roger Beep, and VOX.

- **Key Lock Function:** Prevents accidental button presses. This function can be activated directly using the front buttons.

Key Lock Function

Avoid misoperation during camping or travel



Image: Activating the Key Lock function on the RT68B.

- **VOX (Voice Operated Exchange) Function:** Allows hands-free transmission when your voice is detected. The RT68B supports 0-7 adjustable VOX levels.

7-level VOX Function

Release your hands



Image: Demonstrating the 7-level VOX function for hands-free operation.

- **Roger Beep:** An audible tone transmitted when the PTT button is released, signaling the end of your transmission.

3.5 Squelch Function

The 9-level squelch function helps to suppress background noise, ensuring clearer communication, especially in noisy environments.

3.6 CTCSS/DCS (Privacy Codes)

With 260 CTCSS/DCS codes, your radio can filter out unwanted conversations on the same channel, enhancing communication privacy and reducing interference.

3.7 Emergency Alarm

The emergency alarm function provides both local and remote alerts. To activate, long-press the designated side key. This feature is designed to enhance user safety.

3.8 Battery Saving and Low Battery Alert

The radio includes a battery-saving function to extend usage time. A low battery alert will notify you when the battery needs recharging.

4. MAINTENANCE

4.1 Cleaning

Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners. Ensure the radio is powered off and dry before cleaning.

4.2 Storage

Store the radio in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, remove the battery.

4.3 Durability

The RT68B is constructed from durable ABS material, designed to withstand drops from up to 1 meter, making it suitable for outdoor use.



Image: The RT68B's robust construction, featuring ABS material for enhanced durability.

4.4 Water Resistance

Note: The Retevis RT68B is **Not Water Resistant**. Avoid exposing the radio to water or high humidity to prevent damage.

5. TROUBLESHOOTING

If you encounter issues with your RT68B radio, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Battery not installed correctly or discharged.	Ensure battery is properly seated. Charge the battery fully.
Cannot transmit or receive	Incorrect channel, low battery, or out of range.	Verify both radios are on the same channel. Charge battery. Move closer to the other radio.
Poor audio quality / Static	Weak signal, high squelch level, or interference.	Move to an open area. Adjust squelch level. Check for sources of interference.
Keypad unresponsive	Key Lock function is active.	Deactivate the Key Lock function using the front buttons.

6. SPECIFICATIONS

Below are the technical specifications for the Retevis RT68B 2 Way Radio:

- **Model:** RT68B
- **Brand:** Retevis
- **Number of Channels:** 16
- **Frequency Range:** FRS
- **Battery:** 1200mAh Li-ion (included)
- **Working Time:** Approximately 14.5 hours
- **Standby Time:** Approximately 30 hours
- **Voltage:** 3.7 Volts
- **Product Dimensions:** 1.3"D x 2.16"W x 6.5"H
- **Item Weight:** 1.48 pounds
- **Material:** ABS (Anti-fall and Anti-shock)
- **Water Resistance Level:** Not Water Resistant
- **Special Features:** 3 front buttons, Long Range, USB-C charging, VOX, Squelch, CTCSS/DCS, Emergency Alarm

1200mAh Li-ion Battery



Image: Battery specifications for the Retevis RT68B, highlighting its 1200mAh capacity and operational duration.





Image: Rear view of the RT68B, displaying regulatory information and model details.

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Retevis provides a **2-year warranty** for the radio body and a **1-year warranty** for accessories. Additionally, a **30-day no-**

reason return policy is offered. For service beyond the warranty period, maintenance services are available, with buyers responsible for associated costs.

7.2 Customer Support

For any questions, concerns, or warranty claims, please contact Retevis customer support directly through Amazon. You can expect a reply within 12 hours.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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