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› Retevis RB639 Ultra-Thin PMR446 Walkie Talkie User Manual

Retevis RB639

Retevis RB639 PMR446 Walkie Talkie User Manual

Model: RB639 | Brand: Retevis

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Retevis RB639 PMR446 Walkie Talkie. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage. The Retevis RB639 is an ultra-thin, compact PMR446 two-way radio designed for ease of use and portability. It features USB-C charging, VOX hands-free communication, and emergency alarm functions, making it suitable for various personal and professional applications.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- 2 x Retevis RB639 Walkie Talkies (with built-in Li-ion battery)
- 2 x Belt Clips
- 1 x 2-in-1 USB-C Charging Cable
- 1 x Multi-language User Manual

PACKAGE DETAILS

RB639 WALKIE TALKIE *2



BELT CLIP *2



CHARGING LINE



Image: The complete package contents of the Retevis RB639, including the two walkie talkies, belt clips, and the USB-C charging cable.

3. PRODUCT FEATURES

- **License-Free Operation:** The RB639 is a PMR446 radio, allowing direct use out of the box without requiring a license. It is compatible with other PMR446 walkie-talkies.
- **Ultra-Thin Design:** With a thickness of only 17mm, this mini walkie-talkie is highly portable. It features an illuminated switch button made of ABS material for improved tactile feel and secure handling.



Image: The slim profile of the Retevis RB639, highlighting its 17mm thickness for easy portability.

- **VOX Hands-Free Communication:** The Voice Operated Exchange (VOX) function enables transmission without pressing the Push-to-Talk (PTT) button, offering convenience, especially when your hands are occupied.



Image: A visual depiction of the VOX feature, indicating hands-free operation for the Retevis RB639.

- **USB-C Rechargeable Battery:** Equipped with a 1000mAh Li-ion battery and a USB-C interface, the radio can be conveniently charged using the included 2-in-1 USB-C charging cable.



Image: A detailed view of the USB-C charging interface on the Retevis RB639 walkie talkie.

- **Emergency Alarm Function:** Features both local and remote emergency alarm capabilities, allowing users to quickly alert others in unexpected situations and request assistance.

REMOTE ALARM LOCAL ALARM



Image: An illustration demonstrating the emergency alarm feature, capable of both local and remote alerts.

- **Call Ringtone Options:** Choose from 1 to 5 different call ringtones to identify incoming calls from specific contacts, providing advance notice of who is contacting you.
- **Channel Lock and Key Lock:** When Channel Lock is active, the channel cannot be changed. When Key Lock is active, all buttons except the PTT button are disabled, preventing accidental operation.

SIMPLE & CONVENIENT INSTANT CALL



Image: The Retevis RB639 highlighting the key lock and channel lock functions for secure operation.

- **Durable PTT Button:** The PTT button is designed for longevity, supporting over 50,000 presses.



Image: A close-up view of the PTT button on the Retevis RB639, indicating its robust design for extended use.

4. SETUP

4.1 Charging the Battery

1. Connect the USB-C charging cable to the charging port on the side of the walkie talkie.
2. Connect the other end of the USB-C cable to a compatible USB power adapter (not included) or a computer USB port.
3. The LED indicator will show charging status (refer to Section 5.1 for LED indicator details).
4. Once fully charged, disconnect the cable.

4.2 Attaching the Belt Clip

1. Align the belt clip with the designated slots on the back of the walkie talkie.
2. Slide the clip downwards until it clicks securely into place.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the Power button (usually located on the side or top) until the device powers on or off. A voice prompt will confirm the action.

5.2 Channel Selection

The RB639 has 16 channels. Use the Channel Up/Down buttons (often marked with '+' and '-') to select the desired channel. A voice prompt will announce the selected channel number.

5.3 Transmitting and Receiving

- **To Transmit:** Press and hold the PTT (Push-to-Talk) button on the side of the radio. Speak clearly into the microphone. Release the PTT button when finished speaking.
- **To Receive:** Ensure the PTT button is not pressed. The radio will automatically receive transmissions on the selected channel.

5.4 VOX Function (Voice Operated Exchange)

The VOX function allows for hands-free transmission. When activated, the radio will automatically transmit when it detects your voice.

- **Activation:** Refer to your specific model's programming software or a combination of button presses (often involving the Menu button) to enable or disable VOX.
- **VOX Sensitivity:** Adjust the VOX sensitivity level to prevent accidental transmissions from background noise or to ensure your voice is detected reliably.

5.5 Emergency Alarm

To activate the emergency alarm, press and hold the dedicated Emergency Alarm button (if available) or a pre-programmed function button. The radio will emit a loud alarm sound and may transmit an alert to other radios on the same channel.

5.6 Call Tone

To send a call tone to another radio, briefly press the Call Tone button (if available) or a pre-programmed function button. You can select from 1 to 5 different call tones via programming.

5.7 Key Lock and Channel Lock

These functions prevent accidental changes to settings or channels.

- **Key Lock:** To activate/deactivate, press and hold the Key Lock button (refer to button layout). When active, all buttons except PTT are disabled.
- **Channel Lock:** This feature is typically programmed. When active, the channel cannot be changed.

6. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's surface. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Avoid fully discharging the battery frequently. Charge the battery regularly, even if the radio is not in use, to maintain battery health. Do not expose the battery to extreme temperatures.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures. Remove the battery if storing for extended periods.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is depleted or not properly connected.	Charge the battery. Ensure the battery is securely connected.
Cannot transmit or receive.	Incorrect channel selected; out of range; battery low; Key Lock/Channel Lock active.	Verify channel matches other radios. Move closer to other radios. Charge battery. Deactivate Key Lock/Channel Lock.
Poor audio quality.	Out of range; interference; low battery.	Move closer to other radios. Avoid sources of interference. Charge battery.
VOX not working.	VOX disabled or sensitivity too low.	Enable VOX and adjust sensitivity.

8. SPECIFICATIONS

Feature	Detail
Brand	Retevis
Model Number	RB639
Color	Black
Number of Channels	16
Max Range	2.5 Kilometers (approx. 1.55 miles)
Special Features	Lightweight, VOX, Emergency Alarm, Key Lock, Channel Lock
Battery Composition	Lithium-ion
Battery Capacity	1000mAh
Rechargeable	Yes
Connections	USB-C
Voltage	3.7 Volts
Water Resistance Level	Not waterproof
Item Weight	106 Grams (approx. 3.74 ounces)
Included Components	2 x RB639 walkie talkie (with Li-ion battery), 2 x belt clip, 1 x 2-in-1 USB-C charging cable, 1 x multi-language user manual

9. WARRANTY AND SUPPORT

Retevis offers a 2-year warranty for the radio body and a 1-year warranty for accessories. Additionally, there is a 30-day no-reason return policy.

Beyond the warranty period, Retevis continues to offer maintenance services, with buyers responsible for associated costs.

For any inquiries or support, please contact Retevis directly via Amazon. Responses are typically provided within 12 hours.

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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