

[Manuals.plus](#) /

› [Retevis](#) /

› Retevis RB89 GMRS Two-Way Radio and Wireless Earpiece Instruction Manual

Retevis RB89

Retevis RB89 GMRS Two-Way Radio and Wireless Earpiece Instruction Manual

Model: RB89

INTRODUCTION

Thank you for choosing the Retevis RB89 GMRS Two-Way Radio. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before use and retain it for future reference.



The Retevis RB89 GMRS Two-Way Radio with its accompanying wireless earpiece.

PACKAGE CONTENTS

Upon opening your Retevis RB89 package, please verify that all items listed below are present and in good condition:

- 2 x RB89 Walkie-Talkies
- 2 x Wireless Earpieces
- 2 x Charging Bases
- 2 x Lanyards
- 2 x Belt Clips
- 2 x User Manuals
- 2 x Charging Cables (USB to Type-C)

PACKAGE DETAILS



Visual representation of the items included in the Retevis RB89 product package.

SETUP

1. Charging the Radios and Earpieces

Ensure both the RB89 walkie-talkies and wireless earpieces are fully charged before initial use.

- **Walkie-Talkie:** Place the radio in its dedicated USB charging base. The 2600mAh battery provides approximately 17-18 hours of continuous use. A low battery alarm will indicate when charging is needed.
- **Wireless Earpiece:** Connect the earpiece to a power source using the provided Type-C charging cable. The 180mAh battery offers about 12 hours of continuous use.

standby for 5 days to use
2600mAh
LARGE CAPACITY BATTERY



USB-C
Charging Interface

180mAh can work
continuously for 12h

The Retevis RB89 radio charging in its base, with the wireless earpiece also shown.

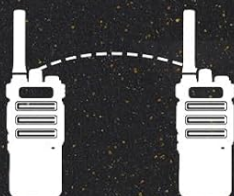
2. Pairing the Wireless Earpiece

To pair the wireless earpiece with your RB89 radio:

1. With the walkie-talkie powered off, press and hold the side PF2 key and the PTT (Push-To-Talk) button simultaneously to turn on the walkie-talkie. The Bluetooth icon on the screen will flash, indicating it's in pairing mode.
2. With the wireless earpiece powered off, press and hold its power on/off button for 5 seconds. The red and blue lights on the earpiece will flash alternately, indicating it's in pairing mode.
3. Once successfully paired, the wireless icon on the walkie-talkie screen will stop flashing and remain steady. The earpiece will prompt 'connected', and its blue light will flash slowly.

Video demonstrating the process of connecting the Retevis RB89 walkie-talkie to its Bluetooth earpiece.

GMRS MORE STABLE SIGNAL
HIGH POWER
FOR LONG DISTANCE CALLS



The RB89 radio and earpiece ready for pairing, showing the Bluetooth icon on the radio's display.

OPERATING INSTRUCTIONS

1. Power On/Off and Channel Selection

To power on or off the radio, rotate the top knob. The RB89 features 30 channels. Use the channel up/down buttons on the side to select your desired channel. The shatterproof active view LED display will show the channel name, remaining battery, and wireless VOX transmission status.

DIGITAL DISPLAY SCREEN visualization of wireless connection operation



The digital display of the RB89 radio, visualizing wireless connection and operational status.

2. VOX Function (Voice Operated Exchange)

The VOX function allows for hands-free communication. To activate or adjust VOX:

- Long press the PF1 button to turn VOX on or off.
- Once VOX is enabled, long press PF1 again to adjust the VOX level from 1 to 9. Select a level that suits your ambient noise environment for optimal performance.

Video tutorial on how to activate and adjust the VOX function on the Retevis RB89 walkie-talkie.



The RB89 radio's display indicating the VOX function is active.

3. Adjusting Power Levels

The RB89 offers two power levels for varying communication needs. To switch between power levels:

- Press and hold PF1 + PTT to change the power setting. After hearing a series of beeps, the radio will switch between standard and high power modes. High power provides coverage up to 700,000 sq.ft/50 floors.

Video guide on how to activate the range boost (high power) feature on the Retevis RB89 Bluetooth walkie-talkie.

4. Automatic Reconnection Function

The RB89 improves wireless connection stability with an automatic reconnection function. If the connection between the wireless earpiece and walkie-talkie is lost, it will automatically attempt to re-establish the connection. This function increases the communication range between the wireless earpiece and walkie-talkie in open areas to 10 meters.

Video explaining the reconnection function of the Retevis RB89 and how to clear previous connections.

5. Flashlight Function

The radio includes a built-in flashlight. This feature may need to be configured through software, as it often shares a button with other functions like VOX delay and monitor. Refer to the software manual for specific configuration details.



The RB89 radio demonstrating its integrated flashlight feature.

MAINTENANCE

1. Battery Care

To maximize battery life and performance:

- Fully charge batteries before first use.
- Recharge when the low battery alarm sounds.
- Avoid overcharging or completely draining the battery.
- Store the radio and earpiece in a cool, dry place when not in use for extended periods.

2. Cleaning

Wipe the radio and earpiece with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are dry before charging.

3. General Care

The RB89 is designed for heavy-duty use, but it is not water-resistant. Avoid exposing the device to water or extreme temperatures (-20 to 50 Degrees Celsius).

TROUBLESHOOTING

1. Earpiece Pairing Issues

If the walkie-talkie and wireless earpiece fail to pair, ensure both devices are in pairing mode as described in the 'Setup' section. If issues persist, try clearing the earpiece's memory connection by pressing the PTT button 4 times quickly.

2. Limited Range

Radio range can be affected by various factors including terrain, obstacles, power output, and atmospheric conditions. For optimal range:

- Ensure the radio is set to high power mode (refer to 'Adjusting Power Levels').
- Communicate from a higher location if possible.
- Keep the battery fully charged.

[Video explaining the factors that influence two-way radio range and how to optimize it.](#)

3. General Issues

For other common questions, refer to the Frequently Asked Questions section below or contact customer support.



Q1. Can RB89 heavy duty walkie-talkie connect to other wireless earpieces?

No, the RB89 can only connect with the exclusive wireless earpieces, not support connect with other brand earpieces

Q2. How to improve the conversation range?

Press and hold the PF1+PTT button to turn on the walkie-talkie at the same time for about five seconds, after hearing the sound of beep- beep-beep, enter the range boost mode, in theory, you can get double conversation range

Q3. How to connect RB89 walkie-talkie with wireless earpiece?

Walkie-talkies you received are already paired, just turn on the walkie-talkie and wireless earpiece to use, the wireless earpiece will prompt "connected", the wireless icon will appear on the walkie-talkie screen

Q4. Do I need to pair them each time?

No, RB89 has automatic connection function

Q5. How to turn on VOX and how to use it?

Long press PF1 to turn on VOX, long press PF1 button to adjust VOX 1-9 level, after the VOX is turned on, realize true hands-free. care needs to be taken to adjust the appropriate VOX level to suit the ambient noise

A visual guide to frequently asked questions regarding the RB89 radio's functionality.

SPECIFICATIONS

Feature	Detail
Brand	Retevis
Model Number	RB89
Color	Black
Number of Channels	30
Frequency Range	GMRS

Talking Range Maximum	10 Meter (Earpiece to Radio)
Voltage	7.4 Volts
Water Resistance Level	Not Water Resistant
Number of Batteries	2 Lithium Ion batteries required
Item Weight	1.5 Pounds
Battery Average Life	18 Hours (Radio)
Connectivity Protocol	Bluetooth
Special Features	2600mAh & 200h Standby, Type-C Charging, Rechargeable, GMRS, Heavy Duty, Wireless Earpiece with Mic, VOX



Physical dimensions of the Retevis RB89 radio.





Rear view of the RB89 radio with battery details and regulatory information.

WARRANTY & SUPPORT

Retevis provides a **2-year warranty** for the radio body and a **1-year warranty** for accessories. We also offer a **30-day no-reason return policy**. Beyond the warranty period, maintenance services are available, with buyers responsible for associated costs.

For any inquiries or support, please contact us on Amazon. We aim to respond within 12 hours.

For more information and products, visit the official [Retevis Store on Amazon](#).

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

Email

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

Details

Submit question

Open the live page

<https://manuals.plus/asin/B0BN5TNKS5>

More documents and user manuals: <https://manuals.plus/>