

[Manuals.plus](#) /

› [Retevis](#) /

› Retevis RT668 Walkie Talkies User Manual

Retevis RT668

Retevis RT668 Walkie Talkies User Manual

Model: RT668 | Brand: Retevis

1. INTRODUCTION

Thank you for choosing the Retevis RT668 Walkie Talkies. This professional two-way radio system is designed for reliable long-range communication in various environments, including logistics, manufacturing, and general adult use. Featuring a rugged design, efficient charging, and clear audio, the RT668 ensures you stay connected. This manual provides essential information for safe and effective operation.



Figure 1: Retevis RT668 Walkie Talkies with included 6-way charger and earpieces.

2. SAFETY INFORMATION

Before using this radio, please read this guide carefully. It contains important operating instructions for safe usage and RF energy awareness, ensuring compliance with applicable standards and regulations. Keep the device away from fire and water.

Battery Warning: Keep out of reach of children. Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.

3. PACKAGE CONTENTS

The Retevis RT668 package includes the following items:

- 6 x RT668 Walkie Talkies
- 6 x 1200mAh Batteries
- 6 x RT668 Original Earpieces
- 6 x Belt Clips
- 6 x Slings
- 1 x RTC68 Six-Way Charger
- 1 x User Manual (this document)

Package Details



Figure 2: All components included in the Retevis RT668 package.

4. SETUP GUIDE

4.1. Battery Installation

To install the battery, align it with the battery compartment on the back of the walkie talkie and gently press until it clicks into place. Ensure it is securely fastened.

4.2. Back Clip Installation and Removal

The belt clip allows for convenient carrying. To remove the back clip, first remove the battery from the walkie-talkie. Then, press the upper part of the back clip with your left hand, press the lower part of the back clip with your right hand, and push the back clip upwards. To install, align the back clip with the corresponding hole and press down firmly until it locks.

Your browser does not support the video tag.

Video 1: Demonstrates how to remove and install the back clip on the Retevis RT668 walkie talkie.

4.3. Charging the Radios

The RT668 comes with a six-way charger, allowing you to charge up to six radios or batteries simultaneously. Place the walkie talkie into a charging slot. The charger indicator light will turn red when the radio is charging. When fully charged, the indicator light will turn green. You can also remove the battery and charge it separately in the charger. Always turn off the radio when charging.

Efficient charging

Charge six devices at once, more efficient charging.



Work time
15H



Standby time
30H



Figure 3: Efficient charging of multiple Retevis RT668 walkie talkies using the six-way charger.

Your browser does not support the video tag.

Video 2: Illustrates the indicator light behavior during charging for the Retevis RT668.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off and Channel Selection

To power on the radio, rotate the top knob clockwise. To power off, rotate it counter-clockwise. The RT668 features 16 channels. To communicate with another PMR446 16-channel radio, ensure both radios are tuned to the same channel using the channel selector knob.

Your browser does not support the video tag.

Video 3: Shows how to power on and select channels for communication between two Retevis RT668 radios.

5.2. Transmitting and Receiving

To transmit, press and hold the Push-To-Talk (PTT) button on the side of the radio and speak clearly into the microphone. The indicator light on the transmitting radio will be red. When receiving a transmission, the indicator light on your radio will be green. Release the PTT button to listen.

Your browser does not support the video tag.

Video 4: Demonstrates the interoperability and clear audio quality of the Retevis RT668 walkie talkie during transmission and reception.

5.3. VOX Function (Voice Operated Exchange)

The RT668 features a VOX function, allowing for hands-free communication. When activated, you can transmit simply by speaking, without needing to press the PTT button. This is particularly useful when your hands are busy.

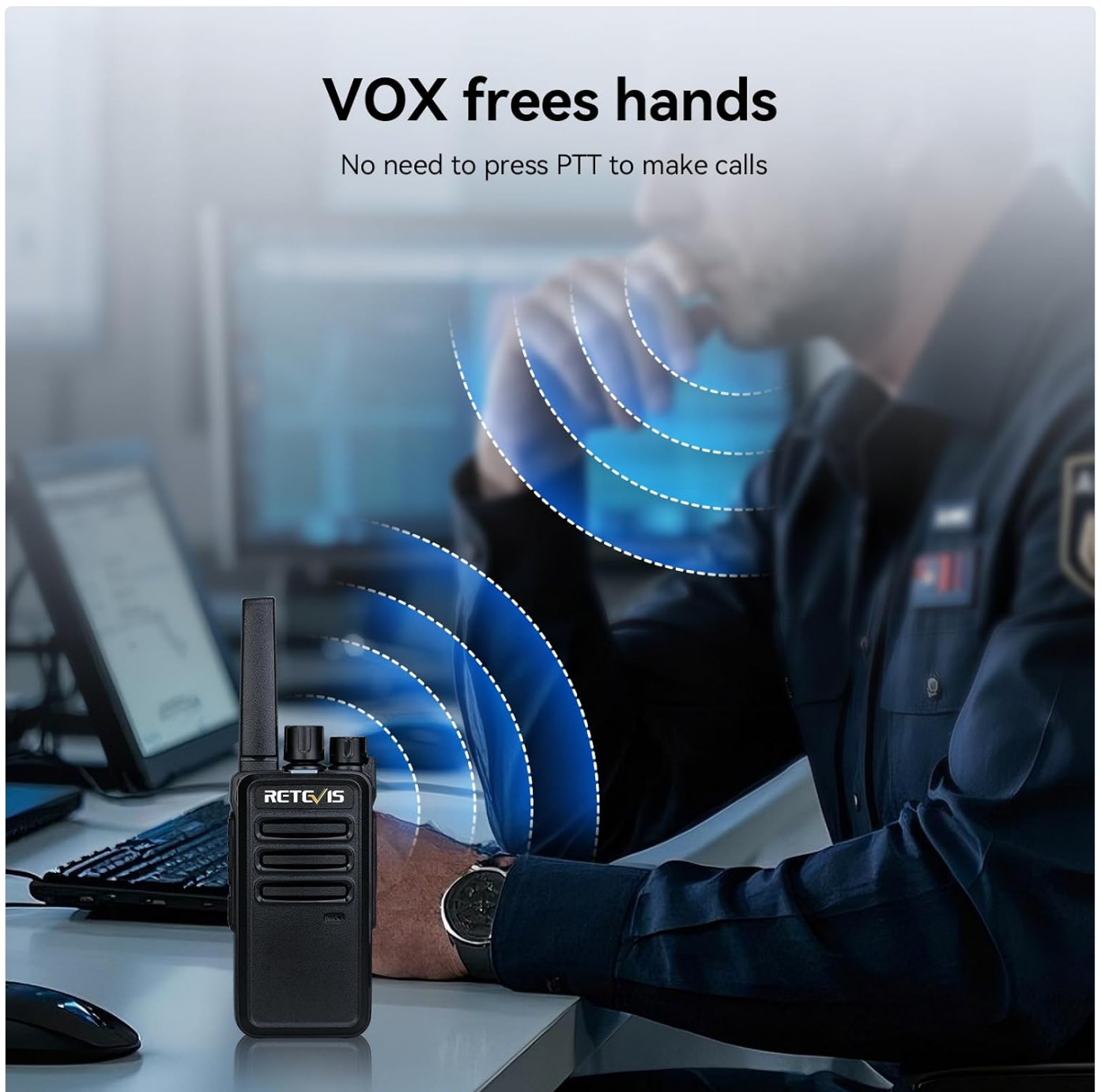


Figure 4: The VOX function enables hands-free communication.

5.4. Earpiece Usage

For private calls or use in noisy environments, connect the included earpiece to the standard 2-pin plug on the side of the radio. The earpieces offer clear sound and comfortable wearing, improving communication efficiency.

Equipped with earpiece to meet any application requirements



Soft earhook



Durable PPT



PU cable

Figure 5: The included earpiece provides clear and private communication.

With headphones

Standard 2 pin plug earphones for more private calls



Figure 6: Detail of the 2-pin earpiece port for secure connection.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Retevis RT668 walkie talkies, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Avoid using harsh chemicals or abrasive cleaners.
- **Battery Care:** Fully charge batteries before first use. For long-term storage, charge batteries to about 50% and store in a cool, dry place. Avoid overcharging or completely draining the battery.
- **Storage:** Store radios in a dry, dust-free environment when not in use.
- **Environmental Conditions:** The RT668 is designed to withstand shock and vibration in harsh environments due to its sturdy PC plastic shell. However, avoid exposing the radio to extreme temperatures, direct sunlight for prolonged

periods, or excessive moisture.

Designed for the harsh environments of factories



Figure 7: The rugged design of the RT668 ensures durability in challenging conditions.

7. TROUBLESHOOTING

If you encounter issues with your Retevis RT668 walkie talkies, consider the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Battery drained or not properly installed.	Ensure battery is fully charged and correctly inserted.

Problem	Possible Cause	Solution
Cannot transmit or receive	Incorrect channel, out of range, or obstacles.	Verify both radios are on the same channel. Move closer to the other radio or to an open area. Terrain and obstacles significantly affect range.
Poor audio quality / Static	Weak signal, interference, or squelch level too low/high.	Move to an area with better signal. Adjust the squelch level (0-9 levels available). Ensure earpiece is fully plugged in if used.
Short range	Environmental factors (buildings, terrain), low battery.	Ensure batteries are fully charged. For optimal range, operate in open areas. The RT668 offers workshop coverage up to 150,000 sq. ft. or 10-15 floors.



Figure 8: The RT668 provides clear communication even in noisy workshop environments.

Workshop coverage up to 150000sq. ft



Figure 9: The RT668 offers substantial coverage for indoor and multi-floor environments.

8. SPECIFICATIONS

Feature	Detail
Model Number	RT668
Brand	Retevis
Batteries	6 Lithium Ion batteries required (included), 1200mAh capacity
Product Dimensions	11.6 x 5 x 3.5 cm

Feature	Detail
Item Weight	161 Grams
Color	Black
Water Resistance Level	Water Repellent
Frequency Range	446.00625-446.19375MHz (PMR446)
Compatible Devices	PMR446 walkie-talkies
Work Time	Up to 15 hours (approx.)
Standby Time	Up to 30 hours (approx.)

9. WARRANTY AND CUSTOMER SUPPORT

Retevis provides comprehensive customer support for your RT668 walkie talkies:

- **Warranty:** 3-year warranty for the radio body and 1-year warranty for accessories.
- **Returns:** 30-day no-reason return policy.
- **Response Time:** Customer inquiries on Amazon will receive a reply within 12 hours.
- **Technical Support:** Lifetime technical support is provided.

For any issues or questions, please contact Retevis customer support via Amazon.

© 2024 Retevis. All rights reserved.

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