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## Retevis RT68

# Retevis RT68 Two-Way Radio User Manual

Model: RT68

## 1. INTRODUCTION

The Retevis RT68 is a reliable and efficient two-way radio system designed for clear and consistent communication across various professional settings. These FRS walkie talkies are built to be durable and easy to operate, making them ideal for use in environments such as construction sites, manufacturing facilities, warehouses, retail stores, hospitality venues, and schools. With 16 channel combinations, the RT68 ensures effective communication even through obstacles like concrete or steel.



The Retevis RT68 radios are compact and durable, designed for effective communication in various work environments.

## 2. WHAT'S IN THE BOX

Your Retevis RT68 package includes the following components:

- Walkie Talkie Unit(s)
- Li-ion Battery(s)
- Adapter(s)
- USB Charging Base(s)
- Earpiece(s)
- Belt Clip(s)
- String(s)
- English User Manual(s)



A complete set of Retevis RT68 two-way radios, including charging bases and earpieces.



The earpiece features a 360-degree rotating metal clip and a covert acoustic tube for discreet communication.

### 3. SETUP

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#### 3.1 Battery Installation and Charging

The RT68 radios come with 1200 mAh Lithium-Ion batteries. Before first use, ensure the battery is properly installed and fully charged.

1. Align the battery with the compartment on the back of the radio and gently push until it clicks into place.
2. Place the radio into the USB charging base. Connect the adapter to the charging base and plug it into a power outlet.
3. The indicator light on the radio or charging base will show the charging status. Refer to the video below for visual guidance on indicator light behavior during charging.

Video: Learn how the indicator light appears when the Retevis RT68 radio is charging.





The USB charging base provides convenient power for your Retevis RT68 radios.

### 3.2 Attaching the Belt Clip

The included belt clip allows for convenient carrying of your radio.

1. Align the belt clip with the designated slots on the back of the radio.
2. Slide the clip downwards until it locks securely into place.
3. To remove, push the release tab and slide the clip upwards. Refer to the video below for detailed instructions.

Video: Instructions on how to remove and install the back clip on your Retevis RT68 radio.

## 4. OPERATING INSTRUCTIONS

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The Retevis RT68 radios are designed for straightforward operation.



Key components and dimensions of the Retevis RT68 two-way radio.

#### 4.1 Power On/Off and Volume Control

- To power on the radio, rotate the Power/Volume knob clockwise. You will hear a click and a voice prompt indicating the current channel.
- To adjust the volume, continue rotating the Power/Volume knob. Clockwise increases volume, counter-clockwise decreases it.
- To power off, rotate the Power/Volume knob counter-clockwise until you hear a click.

#### 4.2 Channel Selection

- The RT68 has 16 pre-programmed channels. To select a channel, rotate the Channel Selector knob located next to the Power/Volume knob.
- Each click will change the channel, and the radio will announce the selected channel number.
- Ensure all radios in your group are set to the same channel for communication.

#### 4.3 Transmitting and Receiving (PTT)

- To transmit, press and hold the Push-to-Talk (PTT) button on the side of the radio. Speak clearly into the microphone.
- Release the PTT button to stop transmitting and return to receive mode.

- When receiving a transmission, the radio's indicator light will illuminate.

#### 4.4 VOX Function (Voice Operated Exchange)

- The VOX function allows for voice-activated transmission without needing to press the PTT button. This can greatly improve communication efficiency.
- Consult your specific radio's programming software or advanced manual for details on enabling and adjusting VOX sensitivity, as this feature may be pre-set or require configuration.

#### 4.5 Squelch Function

- The RT68 features 0-9 level squelch, which helps to filter out weak background noise and static, providing clearer audio transmission and reception, especially in noisy environments.
- A higher squelch level reduces background noise but may also filter out weaker signals. A lower level allows more background noise but can pick up weaker, distant signals.



High-quality speakers ensure clear and loud audio output from the Retevis RT68.

#### 4.6 Communicating with Other FRS Radios

The Retevis RT68 is an FRS (Family Radio Service) walkie talkie and can communicate with other FRS 16-channel walkie talkies on the same frequency and privacy code settings.

Video: Learn how to communicate with other FRS 16-channel walkie talkies using your Retevis RT68.

## 4.7 Range and Performance

The RT68 radios offer excellent range, capable of penetrating concrete or steel structures. Actual range may vary based on terrain, obstructions, and electromagnetic interference.

Video: A detailed range test of the Retevis RT68 walkie talkie in various environments.

Video: An audio test demonstrating the high-quality sound of the Retevis RT68 walkie talkie.

## 5. MAINTENANCE

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Proper maintenance will ensure the longevity and optimal performance of your Retevis RT68 radios.

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the radios in a cool, dry place when not in use. Avoid extreme temperatures and direct sunlight.
- **Battery Care:** To maximize battery life, avoid overcharging or completely draining the battery. If storing for extended periods, charge the battery to about 50% capacity.
- **Antenna:** The RT68 features a fixed integrated antenna. Do not attempt to remove or modify it, as this can affect performance and void the warranty.



## Rugged enclosure longer service life



The rugged enclosure of the RT68 is designed for a longer service life, resisting normal drops.

## 6. TROUBLESHOOTING

If you encounter issues with your Retevis RT68 radio, try the following troubleshooting steps:

Problem	Possible Cause	Solution
No Power	Battery is low or not installed correctly.	Charge the battery fully. Ensure the battery is securely installed.
Cannot Transmit or Receive	Incorrect channel selected; out of range; battery low.	Ensure all radios are on the same channel. Move closer to other radios. Charge the battery.
Audio is Unclear or Distorted	Volume too low/high; squelch level too high; interference.	Adjust volume. Lower squelch level if necessary. Move away from sources of interference.



Problem	Possible Cause	Solution
Earpiece is Quiet	Earpiece not fully plugged in; earpiece fault.	Ensure earpiece is fully inserted into the jack. Try a different earpiece if available.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	FA9175AX5-C9034AX10-C9003AX10
Item Weight	5.65 pounds (for 10-pack)
Product Dimensions	1.37 x 1.96 x 4.56 inches
Batteries	10 Lithium Ion batteries required (included)
Number of Channels	16
Frequency Range	FRS
Voltage	3.7 Volts
Water Resistance Level	Not Water Resistant
FCC ID	2ASNSRT68
Country of Origin	China
Date First Available	September 10, 2019





The back of the Retevis RT68 radio displays its model and FCC ID for compliance.

## 8. WARRANTY AND SUPPORT






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Retevis provides comprehensive support for your RT68 two-way radios:

- **Warranty:** We offer a 3-year warranty for the radio body and a 1-year warranty for accessories.
- **Returns:** Enjoy 30 days no-reason return policy.
- **Customer Support:** We provide lifetime customer support. If you have any questions or issues, please contact us on Amazon. We commit to replying within 12 hours.
- **FCC Compliance:** Please note that our RT68 walkie talkies are FRS walkie talkies, and the FCC ID is: 2ASNSRT68. Our walkie talkies meet FCC part 95 rule.



## Related Documents - RT68

	<p><a href="#">Retevis RT68 Walkie Talkie FAQ: Licensing, Range, Ruggedness &amp; Compatibility</a></p> <p>Get answers to common questions about the Retevis RT68 FRS walkie talkie, covering licensing, frequency, range, durability, and compatibility with other FRS radios.</p>
	<p><a href="#">Retevis RB27B Walkie Talkie FAQ: Features, Compatibility, and Range</a></p> <p>Explore common questions about the Retevis RB27B walkie talkie, including licensing, compatibility with other models, frequency regulations, operational range, and charging options.</p>
	<p><a href="#">Retevis RT628 Kids Walkie Talkie User's Guide</a></p> <p>User's guide for the Retevis RT628 Kids Walkie Talkie, covering setup, operation, features, safety information, and specifications. Includes instructions for installation, volume control, channel setting, special features like VOX and call tones, and safety precautions.</p>
	<p><a href="#">Retevis RT628 Kids Walkie Talkies FAQ: Compatibility, Communication, and Battery Installation</a></p> <p>Frequently asked questions about the Retevis RT628 kids walkie talkies, covering compatibility with other FRS radios, how to establish communication, avoiding unwanted voices, and battery installation.</p>
	<p><a href="#">Manuel d'Utilisateur Retevis RT-388 : Guide Complet</a></p> <p>Découvrez le manuel d'utilisation du talkie-walkie Retevis RT-388. Apprenez à utiliser toutes les fonctionnalités, des réglages de base aux spécifications techniques, pour une communication claire et fiable.</p>





[Retevis RT22 Walkie Talkie FAQ and Features](#)

Frequently asked questions and key features of the Retevis RT22 walkie talkie, covering licensing, compatibility, frequency, range, and special functions like VOX and key lock.