

Retevis FA9175AX3-C9034AX6-J9118AX6

Retevis RT68 Two Way Radios User Manual

Model: FA9175AX3-C9034AX6-J9118AX6 | Brand: Retevis

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1. PRODUCT OVERVIEW

The Retevis RT68 Two Way Radios are designed for reliable and efficient communication in various environments, including construction, manufacturing, warehousing, retail, hospitality, and schools. These heavy-duty walkie-talkies offer powerful penetration through concrete and steel surfaces, ensuring clear communication over long ranges.

Featuring a palm-sized design, the RT68 radios are easy to operate with intuitive knobs for volume and channel selection. They are built to withstand demanding physical conditions, protecting against damage from shock and vibration. With 0-9 levels of noise reduction, the RT68 provides clear audio transmission and reception even in noisy environments.



Figure 1: Retevis RT68 Two Way Radios with included accessories.

2. SAFETY INFORMATION

For safe and proper use of your Retevis RT68 Two Way Radios, please adhere to the following guidelines:

- The FCC ID for these walkie-talkies is **2ASNSRT68**. These devices comply with FCC Part 95 rules.
- Do not disassemble or modify the radio or battery. Unauthorized modifications can void your warranty and violate FCC regulations.
- Avoid exposing the radio to extreme temperatures, direct sunlight for prolonged periods, or wet conditions as the device is **Not Water Resistant**.
- Use only the specified charger and battery provided by Retevis.
- Keep the radio and accessories out of reach of small children.
- Do not operate the radio in explosive atmospheres or near flammable materials.

3. PACKAGE CONTENTS

Upon opening your Retevis RT68 package, please verify that all the following items are included:

- Walkie Talkie unit(s)
- Lithium Ion Battery(ies)
- USB Charging Base(s)
- USB Adapter(s)
- Belt Clip(s)
- Hand String(s)
- Earpiece(s)
- User Manual (this document)

Package details



4. SETUP GUIDE

4.1 Battery Installation and Charging

1. **Install Battery:** Align the Lithium Ion battery with the battery compartment on the back of the radio. Gently push the battery into place until it clicks securely.
2. **Charge Battery:** Place the radio into the USB Charging Base. Connect the USB Adapter to the charging base and plug it into a power outlet. The indicator light on the charging base will show the charging status. A full charge typically takes several hours.



Figure 3: Battery compartment and battery pack.



Figure 4: 1200 mAh battery for long battery life.

4.2 Attaching Accessories

- **Belt Clip:** Attach the belt clip to the designated slot on the back of the radio. Ensure it is firmly secured.
- **Earpiece:** Plug the earpiece connector into the audio jack(s) on the side of the radio.
- **Hand String:** Loop the hand string through the small eyelet on the radio for added security.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Volume Adjustment

- **Power On/Off:** Rotate the top-left knob clockwise to turn the radio on. Rotate it counter-clockwise until it clicks to turn the radio off.

- **Volume Adjustment:** Once powered on, continue rotating the top-left knob to adjust the listening volume.

5.2 Channel Selection

- **Select Channel:** Rotate the top-right knob to select one of the 16 available channels. Ensure all radios in your group are set to the same channel for communication.

5.3 Transmitting and Receiving

- **To Transmit:** Press and hold the Push-to-Talk (PTT) button located on the side of the radio. Speak clearly into the microphone (located below the speaker grille). 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.



Figure 5: Compact size for comfortable holding and operation.

5.4 Noise Reduction

The RT68 features 0-9 levels of noise reduction to ensure clear transmission and reception, even in high-traffic or noisy

environments. This feature automatically filters out background noise, enhancing voice clarity.

High-quality speakers

clearer sound



Figure 6: High-quality speakers for clear sound.

6. MAINTENANCE

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

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners. Ensure the radio is dry before use or charging.
- **Battery Care:** To maximize battery life, avoid overcharging or completely draining the battery. Store batteries in a cool, dry place when not in use for extended periods.
- **Storage:** Store the radios in a dry, dust-free environment. As the radio is **Not Water Resistant**, protect it from moisture and direct water exposure.
- **Physical Protection:** While the RT68 is designed with a rugged enclosure to withstand shock and vibration, avoid

unnecessary drops or impacts to prevent damage.



Rugged enclosure | longer service life

Figure 7: Rugged enclosure for longer service life.

7. TROUBLESHOOTING

If you encounter issues with your Retevis RT68 radio, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Radio does not power on.	Battery is not installed correctly or is depleted.	Ensure the battery is securely installed. Charge the battery fully.
No sound or low volume.	Volume is too low or earpiece is not connected properly.	Increase the volume using the top-left knob. Check earpiece connection.

Problem	Possible Cause	Solution
Cannot communicate with other radios.	Radios are on different channels or out of range.	Verify all radios are set to the same channel. Move closer to the other radio within the 2-mile range.
Static or unclear audio.	Interference or weak signal.	Adjust the noise reduction level. Move to an area with less obstruction.
Charging indicator light not working.	Faulty charging base or adapter.	Ensure connections are secure. Try a different power outlet. If issue persists, contact customer support.

If the problem persists after attempting these solutions, please contact Retevis customer support for further assistance.

8. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Retevis
Model Number	FA9175AX3-C9034AX6-J9118AX6
Color	Black
Item Weight	3.25 pounds (for 6-pack)
Product Dimensions (single radio)	1.37"D x 1.96"W x 4.56"H
Number of Channels	16
Frequency Range	FRS (Family Radio Service)
Talking Range Maximum	2 Miles (approximate, varies by terrain)
Battery Type	Lithium Ion (1200 mAh capacity)
Voltage	3.7 Volts
Water Resistance Level	Not Water Resistant
Special Feature	0 to 9 Squelch levels, ready to use out of box

9. WARRANTY AND SUPPORT

Retevis provides comprehensive support for your RT68 Two Way Radios:

- **Warranty Period:** A 3-year warranty is provided for the radio body and a 1-year warranty for accessories from the date of purchase.
- **Return Policy:** Enjoy a 30-day no-reason return policy.
- **Post-Warranty Service:** Even beyond the warranty period, Retevis offers maintenance services. Buyers are

responsible for any associated costs.

- **Customer Support:** For any inquiries or support needs, please contact Retevis directly on Amazon. Responses are typically provided within 12 hours.

For more information or to explore other Retevis products, visit the [Retevis Store on Amazon](#).

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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