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› Retevis RT15 Radios Walkie Talkies User Manual

Retevis RT15 (FA9144AX20-C9018A)

Retevis RT15 Radios Walkie Talkies User Manual

Model: RT15 (FA9144AX20-C9018A) | Brand: Retevis

INTRODUCTION

This user manual provides comprehensive instructions for the operation, maintenance, and troubleshooting of your Retevis RT15 Radios Walkie Talkies. Please read this manual thoroughly before using the product to ensure safe and efficient operation.

SAFETY INFORMATION

The Retevis RT15 walkie talkies are FRS (Family Radio Service) compliant. The FCC ID is 2ASNSRT15, and these radios meet FCC rule part 95. Please use them responsibly and in accordance with local regulations.

PACKAGE CONTENTS

Each package of Retevis RT15 walkie talkies includes the following items:

- 20 x RT15 two-way radio
- 20 x Adapter
- 20 x USB cable
- 20 x Belt clip
- 20 x English user manual

Package Includes:

20 Pack (Full Kit)



Image: Contents of the Retevis RT15 package, showing one radio unit, a battery, a belt clip, a USB charging cable, a power adapter, and the user manual.

PRODUCT OVERVIEW

The Retevis RT15 walkie talkie is designed for efficient and clear communication in various business and commercial settings. It features a compact and lightweight design, making it easy to carry and operate.

Compact and Light Weight

Business Walkie Talkies



Image: A hand holding a single Retevis RT15 walkie talkie, highlighting its compact and lightweight design suitable for business use.

Key Features:

- Simple look but with multi functions
- Clear audio and long standby rechargeable battery
- Portable and USB fast charging
- Hands-free operation (VOX)
- Keypad lock function
- 16 channels



Image: A detailed diagram illustrating the various parts of the Retevis RT15 walkie talkie, including the antenna, signal light, power button, channel selectors (CH+, CH-), speaker, PTT key, volume controls, MIC/Speaker port, USB plug, and charger connector. Dimensions are also provided: 5.35 inches height, 2.32 inches width, and 0.82 inches thickness.

SETUP

Charging the Battery:

The RT15 walkie talkie comes with a 1000mAh Lithium Ion battery. Before first use, fully charge the battery. Connect the USB cable to the radio's USB plug and then to the adapter. Plug the adapter into a power outlet. The signal light will indicate charging status. A full charge provides 10-12 hours of continuous use. If you hear a voice prompt "please charge battery", it indicates low

battery and requires charging.



Image: A Retevis RT15 walkie talkie being charged via its USB port, connected to a USB cable and power adapter.

Real 1000mAh battery

10-12 Hours continuous use



Low Battery Warning

Voice prompts “please charge battery”,
not please change battery, just charge it.



Image: A visual representation of the 1000mAh battery capacity of the Retevis RT15, indicating 10-12 hours of continuous use and a voice prompt for low battery warning.

Attaching the Belt Clip:

The RT15 comes with an integrated belt clip for convenient carrying. Simply slide the radio onto your belt or pocket using the clip.



Image: Two Retevis RT15 walkie talkies viewed from the side, showcasing their integrated belt clips for easy attachment to clothing or gear.

OPERATING INSTRUCTIONS

Power On/Off:

Press and hold the power button (center button with power symbol) to turn the radio on or off. The radio will provide a voice prompt indicating its status.

Channel Selection:

Use the "CH+" and "CH-" buttons on the front of the radio to select your desired channel. The radio supports 16 channels.

Push-to-Talk (PTT):

To transmit, press and hold the PTT button located on the side of the radio. Speak clearly into the microphone. Release the PTT button to listen.

VOX Function (Hands-Free Operation):

The VOX (Voice Operated Exchange) function allows for hands-free communication. Once activated via computer settings, you can directly turn it on or off using a hotkey on the radio. When VOX is active, the radio will transmit automatically when it detects your voice, eliminating the need to press the PTT button.

Your browser does not support the video tag.

Video: Demonstration of how to use the VOX function for hands-free operation on the Retevis RT15 walkie talkie. This feature allows the user to transmit by speaking without pressing the PTT button, once activated through computer settings.

Keypad Lock:

To prevent accidental changes to settings, you can lock the keypad. In any channel, press and hold the plus (+) and minus (-) buttons simultaneously to lock the buttons. Repeat the same step to turn off the key lock.

Your browser does not support the video tag.

Video: Instructions on how to turn on and off the keypad lock feature on the Retevis RT15 walkie talkie. This prevents accidental button presses during use.

Language Switch:

To change the language of the voice prompts, turn the radio to channel 16, then turn it off. Press the channel plus (+) button and the power button at the same time, then turn on the walkie talkie. This sequence will allow you to change the language.

Your browser does not support the video tag.

Video: A guide on how to switch the language settings of the Retevis RT15 walkie talkie, demonstrating the specific button combination required.

RANGE AND PERFORMANCE

The effective range of your walkie talkie can vary significantly based on several factors, including radio power, signal type, horizon distance, atmospheric conditions, antenna quality, and terrain/obstacles. Understanding these factors is crucial for optimizing communication.

Your browser does not support the video tag.

Video: An informational video explaining the truth about two-way radio range and the various factors that affect it, such as terrain, obstacles, and atmospheric conditions.

The RT15 operates on the FRS (Family Radio Service) frequency range, offering reliable communication for short to medium distances. Its compact size and 2W power output make it ideal for indoor and close-range outdoor use.

Typical Range Scenarios:

- **Indoors:** Up to 25 floors or 300,000 sq.ft. in multi-story buildings.
- **Urban Area:** 1-2 miles, affected by buildings and interference.
- **Suburban Area:** 1-2 miles, with fewer obstructions.
- **Flat Open Terrain:** Up to 2 miles, with minimal obstructions.

For optimal performance, ensure a clear line of sight between radios and minimize obstructions. Keep your battery charged for consistent power output.



Hotel



Restaurant



Retail



Medical Clinic



Image: Examples of environments where Retevis RT15 walkie talkies are effectively used, such as hotels, restaurants, retail stores, and medical clinics, demonstrating their versatility in business communication.

MAINTENANCE

- Keep the radio clean by wiping it with a soft, damp cloth. Avoid using harsh chemicals or solvents.
- Ensure the USB charging port is free from dust and debris.
- Store the radio in a cool, dry place when not in use.
- Do not expose the radio to extreme temperatures or direct sunlight for prolonged periods.
- Avoid dropping the radio or subjecting it to strong impacts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Radio does not power on.	Low or dead battery.	Charge the battery fully.
Cannot transmit or receive.	Incorrect channel selected; Out of range; Obstructions.	Verify channel settings; Move closer to other radios; Find a clear line of sight.
Poor audio quality.	Low battery; Out of range; Interference.	Charge battery; Move closer; Avoid sources of interference.
Keypad is unresponsive.	Keypad lock is active.	Deactivate keypad lock (press and hold CH+ and CH- simultaneously).
Radio speaks in a foreign language.	Language setting changed accidentally.	Follow instructions in "Language Switch" section to reset.

SPECIFICATIONS

Feature	Detail
Model Number	FA9144AX20-C9018A
Item Weight	3.84 ounces
Product Dimensions	5.3 x 2.3 x 0.8 inches
Country of Origin	China
Batteries	20 Lithium Ion batteries required (included)
Color	Black
Number of Channels	16
Special Feature	Portable Two-Way Radios, Loud front speaker
Frequency Range	FRS
Voltage	3.7 Volts
Water Resistance Level	Not Water Resistant

WARRANTY AND SUPPORT

Retevis provides a 2-year warranty for the radio body and a 1-year warranty for accessories. We offer 30 days no-reason return. Beyond the warranty period, maintenance services are still available, with buyers responsible for corresponding costs. For any support inquiries, please contact Retevis on Amazon, and we will reply within 12 hours. For further assistance or to purchase additional accessories, please visit the [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

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