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› Retevis H777 Two-Way Radio Instruction Manual

Retevis H777

Retevis H777 Two-Way Radio Instruction Manual

Model: H777

Brand: Retevis

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Retevis H777 two-way radio. Please read this manual thoroughly before operating the device to ensure optimal performance and safety.



Image: Three Retevis H777 two-way radios are shown, each placed in its individual charging base. The radios are black with orange buttons and a green indicator light, suggesting they are powered on or charging.

The Retevis H777 is a professional portable two-way radio designed for clear and reliable communication. Key features include Type-C charging, VOX hands-free operation, compatibility with older H777 models, a 1000mAh battery, clear sound quality with squelch function, one-touch pairing, emergency alarm, and an LED flashlight.

2. PACKAGE CONTENTS

Before use, please verify that all items are present in the package:

PACKAGE INCLUDES

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Image: A diagram showing the contents of the Retevis H777 package. It includes three H777 two-way radios, three batteries, three charging bases, three belt clips, three Type-C charging cables, and three user manuals.

- Retevis H777 Two-Way Radio (x3)
- 1000mAh Lithium-ion Battery (x3)
- Charging Base (x3)
- Belt Clip (x3)
- Type-C Charging Cable (x3)
- User Manual (x3)

3. SETUP

3.1 Battery Installation

1. Ensure the radio is powered off.
2. Align the battery with the battery compartment on the back of the radio.

3. Press the battery firmly until it clicks into place.
4. To remove, slide the battery release latch and pull the battery away from the radio.

3.2 Charging the Battery

The Retevis H777 offers two charging methods:



Image: A Retevis H777 radio is shown connected to a Type-C charging cable, illustrating direct charging. Another radio is depicted in its charging base, indicating an alternative charging method. The image highlights the 1000mAh battery and Type-C charging for extended service life.

- **Direct Type-C Charging:** Connect the provided Type-C charging cable directly to the radio's Type-C port and a compatible USB power adapter (not included).
- **Charging Base:** Place the radio into the charging base. Connect the Type-C cable to the charging base and a compatible USB power adapter.

The charging indicator light on the radio will show the charging status. A full charge provides approximately 19 hours of working time and 60 hours of standby time.

3.3 Attaching the Belt Clip



Image: A close-up view of the back of a Retevis H777 radio, showing the belt clip securely attached. This illustrates how the radio can be conveniently carried.

Slide the belt clip into the designated slot on the back of the radio until it locks into place. This allows for easy portability.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Volume Control

- **Power On:** Rotate the Power/Volume knob clockwise until you hear a click.
- **Power Off:** Rotate the Power/Volume knob counter-clockwise until you hear a click.
- **Volume Adjustment:** Rotate the Power/Volume knob to increase or decrease the volume.

4.2 Channel Selection

The Retevis H777 has 16 channels. Rotate the Channel Selector knob to choose your desired channel. Ensure all radios in your group are on the same channel for communication.



Image: Two Retevis H777 radios are shown with circular wave patterns between them, illustrating the "one-touch pairing" feature. This

function allows for quick and convenient communication setup between team members on the same channel.

One-Touch Pairing: If you need to quickly pair with other radios, utilize the one-touch pairing function to establish communication on a shared channel.

4.3 Transmitting and Receiving

- **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 listen for a response.
- **To Receive:** Ensure the PTT button is not pressed. The radio will automatically receive transmissions on the selected channel.

4.4 VOX Hands-Free Operation

The VOX (Voice Operated Exchange) function allows you to transmit without pressing the PTT button. This is useful when your hands are occupied.



Image: A person is shown outdoors with a Retevis H777 radio clipped to their backpack strap near their shoulder, with sound waves emanating from it. A close-up inset shows the side buttons. This illustrates the VOX hands-free feature, allowing communication without

pressing the PTT button.

- **Activating/Deactivating VOX:** Long press the side key 2 (programmable button) to toggle VOX on or off. Refer to the programming software for specific key assignments if customized.
- When VOX is active, the radio will automatically transmit when it detects your voice.

4.5 Emergency Alarm

In case of an emergency or if you need assistance, the radio features a local and remote alarm function.



Image: A Retevis H777 radio is depicted with a red flashing siren icon and sound waves, indicating an emergency alarm. A finger is shown pressing one of the orange side buttons, suggesting how to activate the alarm. This feature is designed to increase safety during outdoor activities.

- **Activating Alarm:** Press the designated emergency alarm button (typically a programmable side key). The radio will emit an audible alarm and transmit an alert to other radios in your group.

4.6 LED Flashlight

The integrated LED flashlight provides illumination in low-light conditions, enhancing safety.

LED FLASHLIGHT

Convenient for walking at night

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Image: A Retevis H777 radio is shown with its top-mounted LED flashlight emitting a beam of light into a dark outdoor setting, illuminating a tent and campsite. An inset shows the side buttons, indicating how to activate the flashlight. This feature is useful for night-time navigation and safety.

- **Activating/Deactivating Flashlight:** Press the designated flashlight button (typically a programmable side key).

4.7 Clear Sound Quality and Squelch

CLEAR SOUND QUALITY

- Open speaker
- 1-9 level optional squelch



Image: A Retevis H777 radio is shown with an exploded view of its internal speaker components and radiating sound waves, illustrating its clear sound quality. The background suggests an outdoor environment. This highlights the radio's ability to deliver loud and clear audio.

The radio features an open speaker for strong voice output. The squelch function, adjustable from 1 to 9 levels, helps reduce background noise for clearer communication. Higher squelch levels filter out more noise but may also reduce sensitivity to weak signals.

4.8 CTCSS/DCS Tones



Image: A Retevis H777 radio is shown with a circular graphic overlay, indicating the presence of CTCSS/DCS tones. This feature allows for

filtering out unwanted conversations on the same channel.

The H777 supports 260 CTCSS/DCS tones, allowing you to filter out unwanted conversations on the same channel. This ensures more private and interference-free communication within your group.

4.9 Compatibility with Older H777 Models

RADIO COMPATIBLE

Compatible with the old version H777 two way radios easily

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Image: A new Retevis H777 radio is shown on the left, with a faded, semi-transparent image of an older H777 model on the right. A double-headed arrow symbol between them signifies compatibility. This indicates that the new H777 radios can be used with existing older H777 radios and accessories.

The Retevis H777 is compatible with older H777 transceivers and their accessories, allowing for seamless integration with existing equipment.

5. MAINTENANCE

5.1 General Care

- Keep the radio dry. If it gets wet, wipe it dry immediately.

- Do not expose the radio to extreme temperatures.
- Avoid dropping or subjecting the radio to strong impacts.
- Clean the radio with a soft, damp cloth. Do not use harsh chemicals or solvents.

5.2 Battery Care



Image: A Retevis H777 radio is shown with icons representing a low battery alert and a battery saving function. This visual emphasizes features designed to prolong the battery's operational life.

- Charge the battery fully before initial use.
- Do not overcharge or deep discharge the battery.
- Store the radio and battery in a cool, dry place when not in use for extended periods.
- The radio features a low battery alert and a battery saving function to help extend battery life.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery not installed correctly; Battery discharged; Power/Volume knob off.	Reinstall battery; Charge battery; Rotate Power/Volume knob clockwise.
Cannot transmit or receive	Wrong channel selected; Out of range; Battery low.	Verify channel with other radios; Move closer to other radios; Charge battery.
Poor sound quality	Volume too low/high; Squelch level too high; Interference.	Adjust volume; Lower squelch level; Move away from sources of interference.
VOX not working	VOX not activated; Microphone sensitivity too low.	Activate VOX via side key; Adjust VOX sensitivity (requires programming software).

7. SPECIFICATIONS

Feature	Detail
Brand	Retevis

Feature	Detail
Model Number	H777
Color	Black
Number of Channels	16
Frequency Range	446.00625-446.19375 MHz
Maximum Range	3 Kilometers
Battery Capacity	1000mAh Lithium-ion
Battery Life (Working)	Up to 19 hours
Battery Life (Standby)	Up to 60 hours
Charging Method	Type-C direct charging, Type-C desktop charger
Special Features	Flashlight, Rechargeable, Charging Cradle, VOX, Emergency Alarm, One-touch Pairing, Squelch (1-9 levels), CTCSS/DCS (260 tones)
Water Resistance Level	Water repellent
Product Dimensions	3.4D x 5.6W x 10.2H cm
Weight	116g / 0.26lb

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Retevis offers a 2-year warranty for the radio body and a 1-year warranty for accessories. Additionally, there is a 30-day return policy without reason.

Beyond the warranty period, maintenance services are still available, with buyers responsible for associated costs.

8.2 Customer Support

For any questions, issues, or support needs, please contact Retevis customer service via Amazon. Responses are typically provided within 12 hours.

For more information, visit the official Retevis store on Amazon:[Retevis Amazon Store](#)

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

Open the live page

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