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Retevis H777H

Retevis H777H Professional PMR446 Walkie Talkie User Manual

Model: H777H

1. Introduction

Thank you for choosing the Retevis H777H Professional PMR446 Walkie Talkie. This device is designed for reliable two-way communication, featuring a hidden display, USB-C charging, VOX function, and an LED flashlight. This manual provides essential information for safe and efficient use of your walkie talkie.

2. Safety Information

Please read and understand all safety instructions before using the product. Failure to follow these instructions may result in injury or damage to the device.

- Do not operate the radio in explosive atmospheres (e.g., flammable gases, dust particles, metallic powders).
- Do not expose the radio to direct sunlight for extended periods or place it near heating appliances.
- Use only Retevis-approved batteries and chargers. Using unapproved accessories may cause damage or fire.
- Do not disassemble or modify the radio. Repairs should only be performed by qualified technicians.
- Keep the radio away from medical devices such as pacemakers to avoid interference.
- Avoid using the radio at high volume levels for prolonged periods to prevent hearing damage.

3. Package Contents

Carefully unpack your Retevis H777H walkie talkie and check that all items are present:

- 1x Retevis H777H Walkie Talkie
- 1x 1000 mAh Li-ion Battery
- 1x Desktop Charger
- 1x USB Type-C Charging Cable
- 1x Belt Clip
- 1x User Manual



Image 1: Contents included in the Retevis H777H package.

4. Product Overview

Familiarize yourself with the main components of your Retevis H777H walkie talkie:

- **Antenna:** For transmitting and receiving signals.
- **Channel Knob:** Rotate to select one of the 16 available channels.
- **Power/Volume Knob:** Rotate to turn the radio on/off and adjust the volume.
- **PTT (Push-to-Talk) Button:** Press and hold to transmit, release to receive.
- **Side Key 1:** Long press to activate the Emergency Alarm function.
- **Side Key 2:** Short press to turn the LED flashlight on/off. Long press to activate/deactivate VOX.
- **Speaker/Microphone:** For audio output and input.
- **Hidden Display:** Shows channel number and battery status.
- **USB Type-C Port:** For direct charging.

- **Accessory Jack:** For connecting compatible audio accessories (e.g., earphones).

5. Setup

5.1 Battery Installation

1. Align the battery with the grooves on the back of the radio.
2. Slide the battery upwards until it clicks into place.
3. To remove, push the battery release latch (if present) and slide the battery downwards.

5.2 Charging the Battery

Before first use, fully charge the battery. The radio can be charged via the USB Type-C port or the desktop charger.

- **Using the Desktop Charger:** Place the radio (with battery installed) into the desktop charger. Ensure the charging contacts align. The indicator light will show charging status.
- **Using USB Type-C:** Connect the USB Type-C cable to the radio's charging port and to a compatible USB power adapter.

A full charge typically takes several hours. The 1000mAh battery provides approximately 19 hours of working time and 55 hours of standby time.



Image 2: The 1000mAh battery provides extended operation, rechargeable via USB-C or desktop charger.

6. Basic Operation

6.1 Power On/Off and Volume Adjustment

Rotate the Power/Volume knob clockwise to turn the radio on. Continue rotating clockwise to increase the volume. Rotate counter-clockwise to decrease the volume and turn the radio off.

6.2 Channel Selection

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

6.3 Transmitting and Receiving

- **To Transmit:** Press and hold the PTT button. Speak clearly into the microphone. The LED indicator will light red.
- **To Receive:** Release the PTT button. The LED indicator will light green when a signal is received.

6.4 Hidden Display

The Retevis H777H features a hidden display that shows the current channel number and battery status. This display is designed to be durable and easily readable during outdoor activities or work.

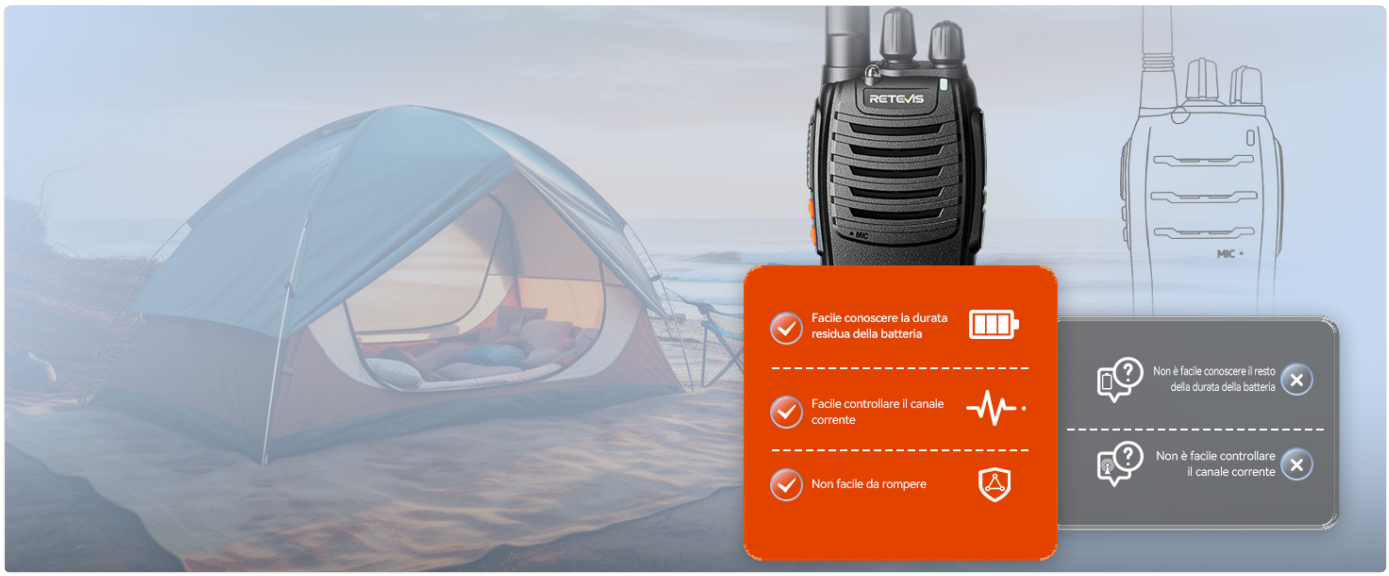


Image 3: The hidden display provides clear information on battery level and selected channel.

7. Advanced Features

7.1 VOX (Voice Operated Transmit) Function

The VOX function allows for hands-free operation. When activated, the radio will automatically transmit when it detects your voice, without needing to press the PTT button.

- **Activate/Deactivate VOX:** Long press Side Key 2.



Image 4: The VOX function enables hands-free communication, ideal for busy tasks.

7.2 LED Flashlight

Your walkie talkie is equipped with a convenient LED flashlight for illumination in low-light conditions.

- **Turn On/Off:** Short press Side Key 2.



Image 5: The integrated LED flashlight provides illumination for night-time use or dark environments.

7.3 Emergency Alarm

In case of an emergency, you can activate an alarm to alert others.

- **Activate Alarm:** Long press Side Key 1.



Image 6: The emergency alarm function enhances safety during outdoor activities or work.

7.4 Belt Clip

Attach the included belt clip to easily carry your walkie talkie.



Image 7: The detachable belt clip allows for convenient carrying of the radio.

8. Maintenance

8.1 Battery Care

- Do not short-circuit the battery terminals.
- Do not dispose of batteries in fire.
- Charge the battery fully before long-term storage.
- If the battery is not used for a long time, charge it every three months to maintain its performance.

8.2 Cleaning

Clean the radio surface with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the radio is powered off and dry before cleaning.

8.3 Water Resistance

The Retevis H777H is water-repellent. While it can withstand light splashes, do not immerse it in water or expose it to heavy rain.

9. Troubleshooting

Problem	Possible Cause	Solution
No power	Battery is low or not installed correctly.	Charge the battery or re-install it.
No sound	Volume is too low; channel is incorrect.	Increase volume; ensure correct channel.
Short communication range	Obstacles (buildings, hills); low battery.	Move to an open area; charge battery.
Cannot transmit	PTT button not pressed; channel busy.	Press PTT firmly; wait for channel to clear.

10. Specifications

Feature	Specification
Brand	Retevis
Model Number	H777H
Color	Black
Number of Channels	16
Frequency Spectrum	446 MHz (PMR446)
Max Talk Range	3 Kilometers (environment dependent)
Battery Type	1000 mAh Li-ion (included)
Working Voltage	3.7 Volts
Water Resistance Level	Water-repellent
Product Dimensions (DxWxH)	3.5 x 5.5 x 15 cm
Item Weight	142 Grams

Feature	Specification
Average Battery Life	10 Hours (typical use)
Special Features	Hidden Display, VOX, Flashlight, USB-C Charging



Image 8: Dimensions of the Retevis H777H walkie talkie.

11. Warranty and Support

Retevis provides a 2-year warranty for the radio body and a 1-year warranty for accessories. We offer a 30-day no-reason return policy.
Beyond the warranty period, maintenance services are still available, with buyers responsible for corresponding costs. For any inquiries or support, please contact us via Amazon. We aim to respond within 12 hours.

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