Retevis H777D

Retevis H777D License-Free PMR446 Walkie Talkie User Manual

Model: H777D

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Retevis H777D PMR446 Walkie Talkie. The H777D is a license-free two-way radio designed for reliable communication in various environments, including family trips, camping, and cycling adventures. It features an enhanced LCD screen, flexible charging options, extended battery life, and user-friendly functions.

2. WHAT'S IN THE BOX

- 3x Retevis H777D Walkie Talkies
- 3x 1200mAh Li-ion Batteries
- 3x Charging Bases
- 3x Type-C Charging Cables
- 3x Belt Clips
- 1x User's Manual

Détails du produit

Torche LED

Bouton PTT

Côté Touche 1

Touche latérale 2

Écran LCD

Sélecteur de canal

Bouton marche/arrêt/volume

Témoin LED

Prise haut-parleur/microphone

Haut-parleur

Orifice pour micro

RETEVIS

MIC

446.19375

VOL CH 16

Figure 2.1: Package Contents of the Retevis H777D Walkie Talkie.

3. PRODUCT FEATURES

3.1. LCD Screen Interface

The Retevis H777D features an enhanced LCD screen that displays crucial information such as signal strength, volume level, current channel, and battery status. This ensures you are always informed about your radio's operational status.
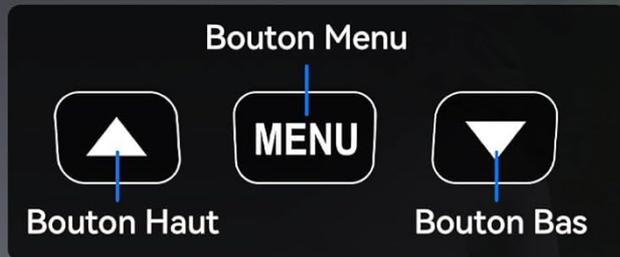
Figure 3.1: H777D LCD Screen Display.

3.2. Flexible Charging Options

The H777D walkie-talkies support both USB-C direct charging and charging via the included base. This dual charging capability ensures your devices are always ready for use, whether you're at home or in remote locations.

Figure 3.2: USB-C and Base Charging Methods.

3.3. Extended Battery Life

Equipped with an upgraded 1200mAh battery, the H777D offers over 19 hours of continuous use and more than 30 hours of standby time. This extended battery life is ideal for long family gatherings, camping trips, or full-day cycling adventures.

Figure 3.3: H777D Battery Performance.

3.4. Effortless Pairing

Pairing your H777D walkie-talkies is simple. Set the device to Channel 1, then press and hold the Up button while powering on to enter pairing mode. This allows for quick communication setup among family members, campers, or cycling groups.

Appairage en un clin d'œil

1. Réglez l'appareil A sur le canal 1.

2. Allumez l'appareil A en appuyant longuement sur la touche Haut pour accéder au mode d'appairage.

3. L'appareil B transmet à l'aide du bouton PTT.

4. L'appareil A reçoit le signal et l'appairage est terminé.

Figure 3.4: H777D Easy Pairing Process.

3.5. VOX Function (Voice Operated Exchange)

Activate VOX mode by long-pressing Side Key 2. The portable walkie-talkie's screen interface will display its status. This feature provides hands-free communication, useful for activities where your hands are occupied, such as cycling or managing family activities.

Figure 3.5: VOX Hands-Free Communication.

3.6. Enhanced Visibility: Flashlight and Emergency Light

The portable walkie-talkies include a flashlight with an emergency light mode. Activate the emergency light by quickly pressing Side Key 2 twice. This allows easy switching between normal and emergency lighting, aiding navigation in the dark during camping trips or other low-light situations.

Figure 3.6: Flashlight and Emergency Light Function.

3.7. Emergency Alarm

Activate the emergency alarm by long-pressing Side Key 1. Deactivate it using the PTT (Push-to-Talk) button. This feature provides peace of mind in case of family emergencies, camping accidents, or cycling incidents.

Figure 3.7: Emergency Alarm Activation.

3.8. Adjustable Squelch Levels

Enjoy clear communication with the walkie-talkie's 1 to 9 level squelch control. This ensures you hear loud and clear, whether in a noisy family environment, a busy campsite, or a windy cycling trail.

Figure 3.8: Adjustable Squelch Levels.

3.9. Diverse and Secure Channels

With 50 CTCSS (Continuous Tone-Coded Squelch System) and 210 DCS (Digitally Coded Squelch) options, the H777D walkie-talkie offers a wide choice of channels. This enhances security and reduces interference, ensuring secure and reliable communication.

3.10. Compact and Lightweight Design

The H777D is designed to be compact and lightweight, making it easy to carry and handle during any activity. Its ergonomic design ensures comfortable use over extended periods.

Figure 3.9: Compact Design.

4. SETUP

4.1. Battery Installation

1. Ensure the walkie-talkie is powered off.
2. Align the battery with the battery compartment on the back of the radio.
3. Gently push the battery into place until it clicks securely.

4.2. Charging the Battery

1. **Using the Charging Base:** Place the walkie-talkie into the charging base. Ensure the charging contacts align. The indicator light on the base will show charging status (e.g., red for charging, green for fully charged).
2. **Using USB-C Cable:** Connect the USB-C cable to the port on the side of the walkie-talkie and to a compatible USB power source.
3. Charge the battery fully before first use.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

Rotate the Power/Volume knob clockwise to turn the radio on. Rotate it counter-clockwise until you hear a click to turn the radio off.

5.2. Adjusting Volume

Rotate the Power/Volume knob to adjust the listening volume. Clockwise increases volume, counter-clockwise decreases it.

5.3. Channel Selection

Use the Channel Selector knob on top of the radio to choose your desired channel (1-16). Ensure all radios in your group are on the same channel for communication.

5.4. Transmitting and Receiving

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

5.5. VOX Activation

Long-press Side Key 2 to activate or deactivate the VOX function. When active, you can transmit by speaking into the microphone without pressing the PTT button.

5.6. Emergency Alarm Activation

Long-press Side Key 1 to activate the emergency alarm. Press the PTT button to deactivate it.

5.7. Flashlight Operation

Short-press Side Key 2 once to turn the flashlight on/off. Quickly press Side Key 2 twice to activate the emergency light mode.

6. MAINTENANCE

6.1. General Care

- Clean the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep the radio dry. Although it is water-repellent, prolonged exposure to water can cause damage.
- Avoid extreme temperatures and direct sunlight.

6.2. Battery Care

- Charge the battery regularly, even if the radio is not in use, to maintain battery health.
- Do not overcharge or deep discharge the battery.
- If storing the radio for an extended period, remove the battery.

7. TROUBLESHOOTING

7.1. No Power

- Check if the battery is properly installed and charged.
- Ensure the Power/Volume knob is turned on.

7.2. No Sound or Low Volume

- Adjust the volume knob.

- Ensure the squelch level is not set too high.
- Check if the speaker is obstructed.

7.3. Short Communication Range

- Ensure the battery is fully charged.
- Avoid obstructions like buildings, hills, or dense foliage.
- Ensure both radios are on the same channel and CTCSS/DCS codes (if used).

7.4. Unable to Communicate with Other Radios

- Verify that all radios are set to the same channel.
- Confirm that all radios are using the same CTCSS/DCS codes.
- Check if the radios are within range.

8. SPECIFICATIONS

Feature	Description
Brand	Retevis
Model Number	EUA9104MX3
Color	Black
Special Features	Effortless Pairing, Three-Button Design, Emergency Light Mode, Type-C and Base Charging, Upgraded LCD Screen
Compatible Devices	Other walkie-talkies using PMR446 frequency band and same channel, accessories with 2.5mm audio jack
Battery Type	Lithium-ion
Rechargeable Battery	Yes (3 Lithium-ion batteries included)
Number of Channels	16
Frequency Range	446.00625-446.19375Mhz
Maximum Range	1.5 Kilometers
Voltage	3.7 Volts
Water Resistance Level	Water Repellent
Product Dimensions	3.3D x 6.1W x 20.6H centimeters

9. WARRANTY AND SUPPORT

Retevis offers a 2-year warranty for the radio body and a 1-year warranty for accessories. We also provide a 30-day no-reason return policy. Beyond the warranty period, maintenance services are available, with buyers responsible

for associated costs. For support, please contact us on Amazon, and we will respond within 12 hours.

10. RELATED VIDEOS

Comparison of New and Old H777 Versions

Your browser does not support the video tag.

This video provides a visual comparison between the new and old versions of the Retevis H777 walkie-talkie, highlighting key differences and improvements, including charging methods and features.