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› Retevis RT24 Walkie Talkie PMR446 License-free Professional Two Way Radio User Manual

Retevis EUA9123A

Retevis RT24 PMR446 License-Free Two-Way Radio User Manual

Model: RT24 (EUA9123A)

1. INTRODUCTION

The Retevis RT24 is a professional, license-free PMR446 two-way radio designed for reliable and clear communication. This manual provides essential information for the safe and efficient operation of your RT24 walkie talkie, covering setup, features, usage, maintenance, and troubleshooting.



Image: Two Retevis RT24 walkie talkies with their respective earpieces and charging bases.

2. WHAT'S IN THE BOX

Upon opening the package, please verify that all items listed below are present and in good condition:

- 2 x Retevis RT24 walkie talkies PMR446
- 2 x Batteries (Lithium Ion, 1100mAh)
- 2 x USB Chargers
- 2 x Belt Clips
- 2 x Earpieces

PACKAGE DETAILS



2xwalkie talkie



2x battery



2X charger



2x earpiece

Image: A visual representation of the package contents, showing two walkie talkies, two batteries, two USB chargers, and two earpieces.

3. PRODUCT FEATURES

- **License-Free Operation:** PMR446 compliant, legal for use in the UK and Europe without a license.
- **Ready to Use:** Operates out of the box; simply set both radios to the same channel for communication.
- **Extended Range:** Equipped with a high-quality antenna for stable signal and greater communication distance (up to 3 km in optimal conditions).
- **Long Battery Life:** 1100mAh Li-ion battery provides 8-12 hours of normal use and up to 74 hours in standby mode. Convenient USB charging.
- **Clear Audio:** Delivers crystal clear and loud sound quality, even across different buildings or floors.
- **VOX Function:** Hands-free operation allows communication without pressing the Push-to-Talk (PTT) button.
- **Durable Design:** Features an alloy metal middle frame, ruggedized antenna, and durable PTT buttons for enhanced longevity.
- **Included Earpieces:** Ergonomically designed earpieces for comfortable and private communication.



Image: Key structural features of the RT24, highlighting the alloy metal middle frame, ruggedized antenna, and durable PTT buttons.

4. SETUP GUIDE

4.1 Initial Charging

Before first use, fully charge the walkie talkie batteries. The 1100mAh Li-ion battery typically takes a few hours to fully charge. Use the provided USB charger.

1. Insert the battery into the walkie talkie.
2. Place the walkie talkie into the charging base.
3. Connect the USB charger to the charging base and a suitable USB power source.
4. The indicator light on the charger will show charging status (e.g., red for charging, green for fully charged).

1100MAH

With Single USB Chargers



Image: The RT24 walkie talkie in its charging cradle, demonstrating the USB charging capability and 1100mAh battery.

4.2 Attaching Accessories

- **Belt Clip:** Attach the belt clip to the back of the walkie talkie for easy carrying.
- **Earpiece:** Plug the earpiece into the audio jack on the side of the walkie talkie. The earpiece features a 360° rotatable ear hook for comfortable wear on either ear.

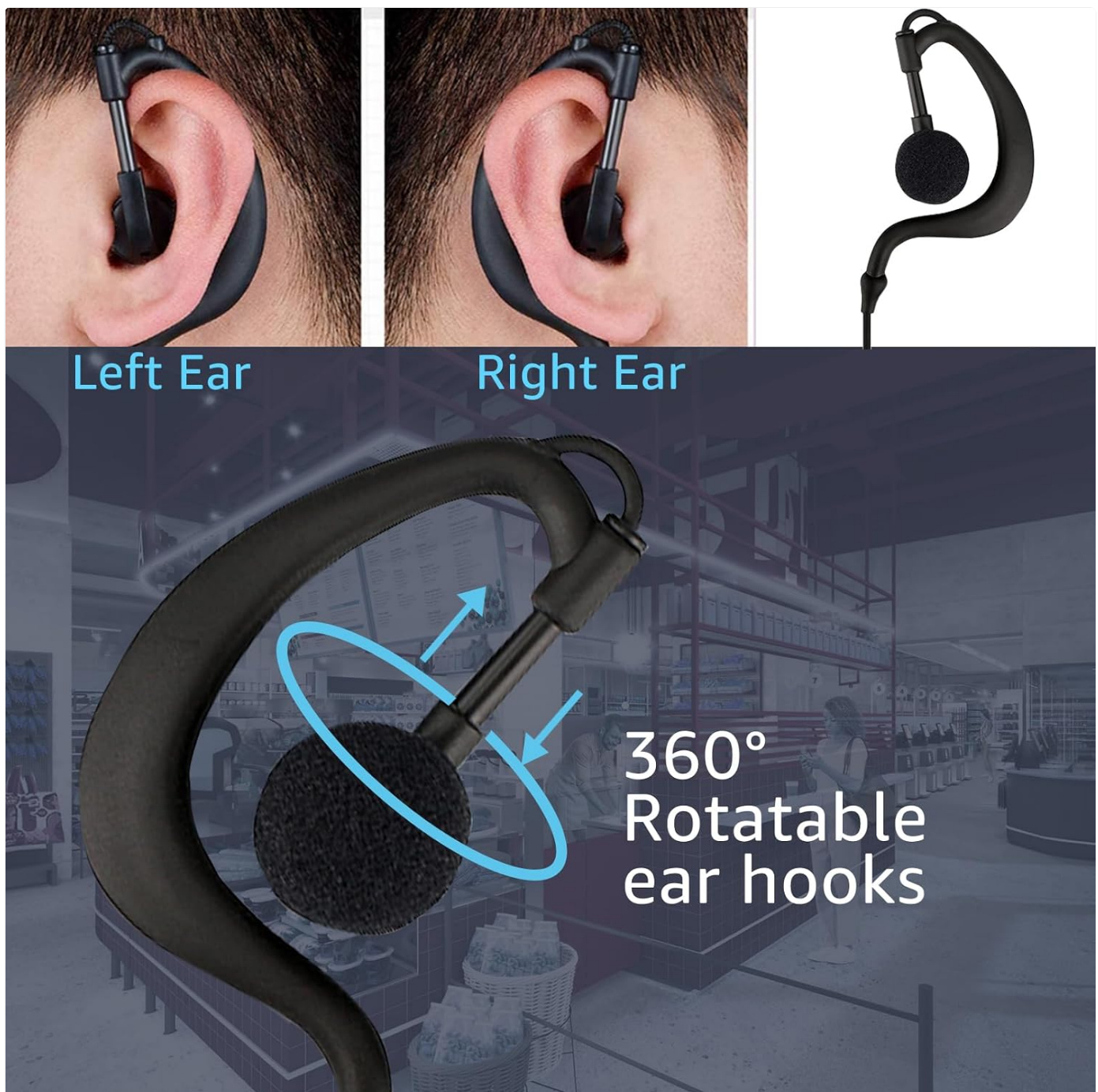


Image: A detailed view of the earpiece, highlighting its rotatable ear hooks for adaptable use on either the left or right ear.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

1. **Power On/Off and Volume:** Rotate the top-left knob clockwise to turn the radio on and increase volume. Rotate counter-clockwise to decrease volume and turn off.
2. **Channel Selection:** Rotate the top-right knob to select one of the 16 available channels. Ensure all radios you wish to communicate with are set to the same channel.
3. **Push-to-Talk (PTT) Button:** Press and hold the large orange button on the side of the radio to transmit your voice. Release to listen.

WORK OUT OF BOX



Image: An illustration detailing the primary controls of the RT24: the power/volume knob (1), the PTT key (2), and the microphone/speaker (MIC/SP) port (3).

5.2 VOX Function (Voice Operated Exchange)

The VOX function allows you to transmit without manually pressing the PTT button. When enabled, the radio will automatically transmit when it detects your voice.

- To enable/disable VOX, you may need to use programming software (available from Retevis website) and a programming cable.
- Adjust VOX sensitivity as needed to prevent accidental transmissions or missed voice activations.

VOX

Free your Hand

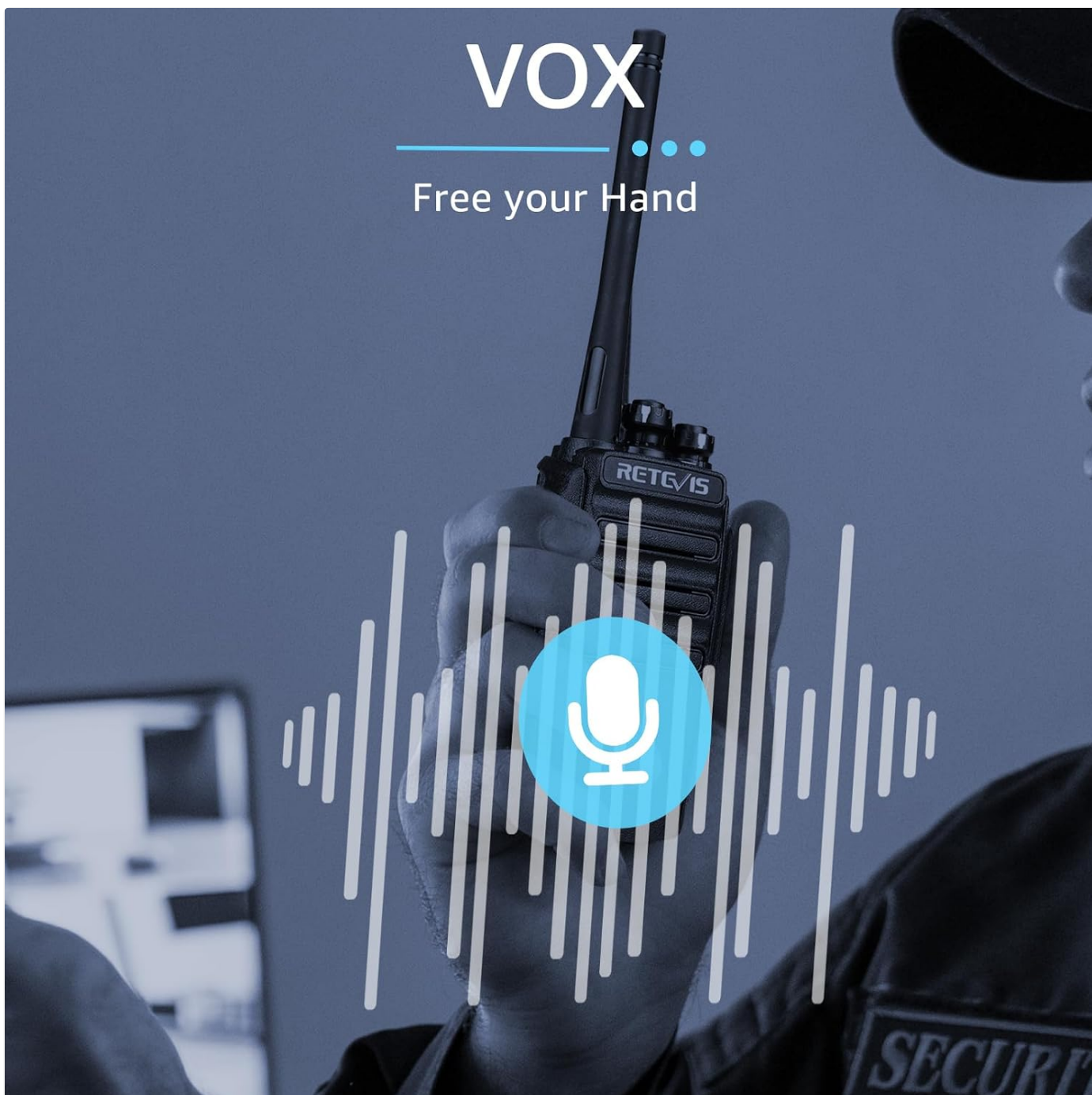


Image: Demonstrates the VOX function, allowing hands-free communication by voice activation.

6. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's surface. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:**
 - Avoid exposing batteries to extreme temperatures.
 - Do not short-circuit battery terminals.
 - If the radio will not be used for an extended period, remove the battery.
 - Dispose of batteries responsibly according to local regulations.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and moisture.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery depleted or not properly installed.	Charge the battery. Ensure battery is correctly inserted.
Cannot communicate with other radios	Radios on different channels or out of range.	Ensure all radios are on the same channel. Move closer to the other radio.
Poor sound quality	Weak signal, interference, or low volume.	Adjust volume. Move to an area with less obstruction. Check for sources of interference.
VOX not working	VOX disabled or sensitivity too low.	Enable VOX and adjust sensitivity using programming software.

8. SPECIFICATIONS

Feature	Detail
Model Number	EUA9123A
Brand	Retevis
Colour	Black
Number of Channels	16
Frequency Range	446.0 - 446.2 MHz (PMR446)
Talking Range Maximum	3 Kilometers (approx. 1.86 miles)
Battery Type	Lithium Ion (1100mAh)
Voltage	3.7 Volts
Product Dimensions	62D x 34W x 230H millimetres
Water Resistance Level	Water Repellent
Manufacturer	Retevis
Country of Origin	China

9. WARRANTY AND SUPPORT

Retevis provides comprehensive customer support for the RT24 walkie talkie.

- **Warranty:** The radio body comes with a 3-year warranty, and accessories (like batteries, chargers, earpieces) have a 1-year warranty.
- **Returns:** 30-day no-reason return policy.
- **Customer Service:** For any inquiries or issues, please contact Retevis customer support. They aim to reply within 12 hours.
- **Official Website:** For additional resources, software, and support, visit the official Retevis website: www.retevis.com

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