

[Manuals.plus](#) /

› [Retevis](#) /

› Retevis B63H PMR446 Two-Way Radio User Manual

Retevis B63H

Retevis B63H PMR446 Two-Way Radio User Manual

Model: B63H

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Retevis B63H PMR446 Two-Way Radio. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

2. PRODUCT OVERVIEW

The Retevis B63H is a professional, license-free PMR446 two-way radio designed for reliable communication. It features a slim 15mm profile, a hidden LED display, and a durable 1620mAh integrated battery. The device supports hands-free communication via VOX function and includes an emergency alarm for enhanced safety.



Image 1: Overview of the Retevis B63H Two-Way Radios and included earpieces.

3. PACKAGE CONTENTS

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

- Retevis B63H Two-Way Radio (10 units)
- Earpieces (10 units)
- USB Charging Cable (5 units)
- Belt Clip (10 units)
- User Manual (this document)

Package Includes



B63H Walkie Talkie ×10



Charging Cable ×5



Belt Clip ×10



Package Appearance

Image 2: Contents included in the Retevis B63H package.

4. SETUP

4.1 Charging the Battery

The Retevis B63H features an integrated 1620mAh Lithium-ion battery. To charge:

1. Connect the USB charging cable to the radio's USB-C port.
2. Connect the other end of the cable to a compatible USB power adapter (not included) or a computer USB port.
3. The charging indicator on the radio will show the charging status.
4. A full charge typically takes several hours.

1620mAh Li-ion Battery



Image 3: The 1620mAh Li-ion battery provides extended working and standby times.

4.2 Attaching the Belt Clip

Align the belt clip with the designated slots on the back of the radio and secure it firmly. This allows for convenient carrying.

4.3 Powering On/Off

To power on or off the radio, rotate the power/volume knob located at the top of the device clockwise or counter-clockwise until you hear a click.

4.4 Channel Selection

Use the channel selector knob (usually located near the antenna) to choose one of the 16 available channels. Ensure all radios intended for communication are set to the same channel.

Shatterproof Active View Display



Image 4: The hidden LED display shows the current channel and battery information.

4.5 Earpiece Connection

Insert the earpiece plug into the audio jack on the side of the radio for private listening and hands-free communication.

5. OPERATING INSTRUCTIONS

5.1 Basic Communication (PTT)

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 listen.

5.2 VOX Function (Voice Operated Exchange)

The VOX function allows for hands-free transmission. When activated, the radio will transmit automatically when it detects your voice.

- **Activation:** Press the **Up** key and turn on the radio. Set the channel to 7.
- **VOX Levels:** The radio supports VOX levels 1-9, allowing adjustment of sensitivity.



Image 5: The VOX function enables hands-free communication.

5.3 Emergency Alarm

In an emergency, the radio can emit an alarm to alert others.

- **Activation:** Press the **Down** key on the radio to activate the emergency alarm.

Emergency Alarm



Image 6: The emergency alarm function provides an alert in critical situations.

5.4 Key Lock Function

The key lock function prevents accidental button presses, maintaining a constant connection on the selected channel.

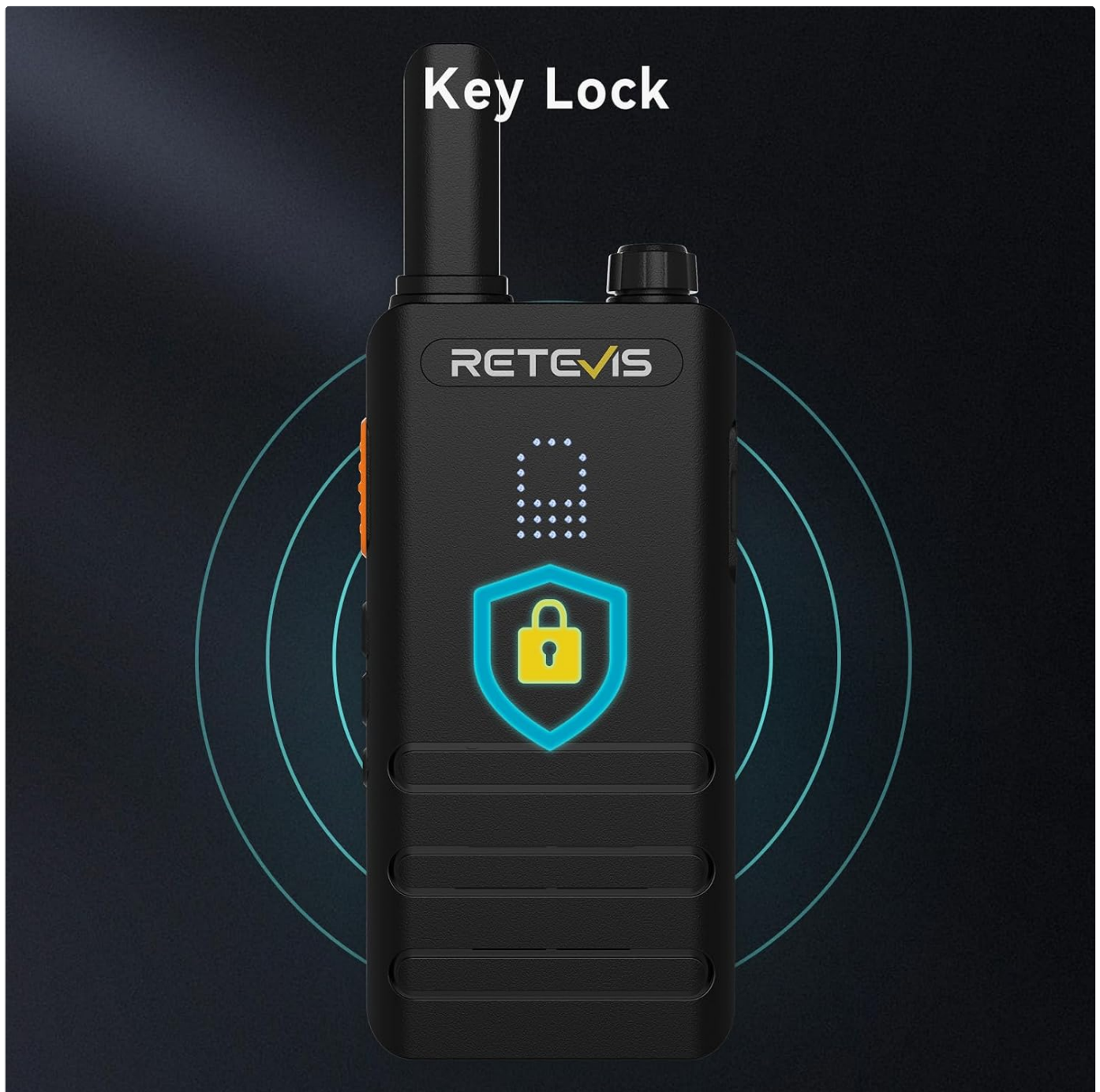


Image 7: The key lock feature prevents unintended changes to settings.

5.5 CTCSS/DCS (Continuous Tone-Coded Squelch System / Digital Coded Squelch)

CTCSS/DCS codes help filter out unwanted conversations on the same channel. When enabled, your radio will only receive transmissions from other radios using the same CTCSS/DCS code. This enhances communication privacy and reduces interference.

6. FEATURES

- **Ultra-Slim Design:** With a thickness of just 15mm and a weight of 103g, the B63H is highly portable and comfortable to carry.

Ultra-slim Walkie Talkie

Thickness: **15mm**

Weight: **103g**

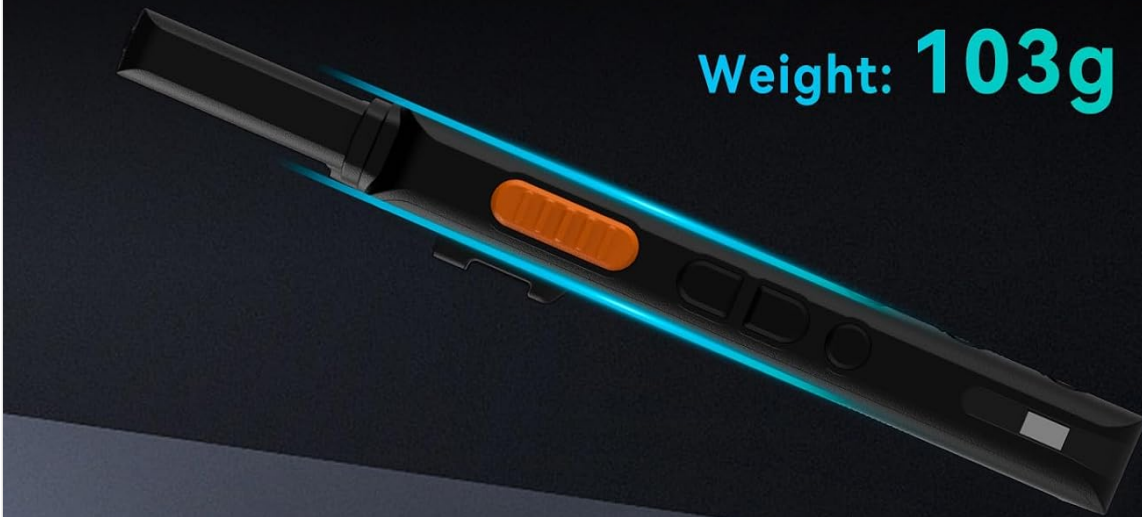


Image 8: The ultra-slim design of the Retevis B63H.

- **Shatterproof Hidden LED Display:** The integrated LED screen is designed for durability and discreetly displays channel and battery information.
- **Long Battery Life:** The 1620mAh Li-ion battery provides extended operational time, supporting all-day use.
- **License-Free Operation:** As a PMR446 radio, the B63H operates on license-free frequencies, making it ready to use out of the box without additional fees or permits.

Work Out of Box



Image 9: The radios are ready for use right out of the box.

7. SPECIFICATIONS

Feature	Specification
Brand	Retevis
Model Number	B63H
Color	Black
Number of Channels	16
Frequency Range	446.00625-446.19375 MHz (PMR446)
Maximum Range	2.5 Kilometers (approximate, depends on terrain and conditions)
Battery Type	Integrated 1620mAh Lithium-ion

Voltage	3.7 Volts
Charging Port	USB-C
Special Features	Shatterproof Hidden Screen, VOX, Emergency Alarm, Key Lock
Water Resistance Level	Not waterproof
Product Dimensions	15mm thickness (approximate)
Country of Origin	China

8. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the radio regularly, even if not in use for extended periods.
- **Avoid Water:** This radio is not waterproof. Avoid exposure to rain, splashes, or immersion in water.

9. TROUBLESHOOTING

9.1 No Power

- Ensure the battery is charged.
- Check if the power/volume knob is turned on.

9.2 Cannot Transmit or Receive

- Verify that all radios are on the same channel.
- Check if CTCSS/DCS codes are correctly set and matched on all radios.
- Ensure the PTT button is fully pressed when transmitting.
- Confirm the radio is not in key lock mode.

9.3 Poor Audio Quality

- Adjust the volume level.
- Ensure the microphone and speaker are not obstructed.
- Check for interference from other electronic devices.
- Move closer to the other communicating radio.

9.4 VOX Not Activating

- Ensure VOX is enabled (Up key + Channel 7).
- Adjust the VOX sensitivity level (1-9) to match your speaking volume.

10. WARRANTY AND SUPPORT

Retevis offers the following warranty for the B63H Two-Way Radio:

- **Radio Body:** 2-year warranty.

- **Accessories:** 1-year warranty.
- **Returns:** 30-day no-reason return policy.

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

For any questions, technical support, or warranty claims, please contact Retevis customer service through the Amazon platform. We aim to respond within 12 hours.

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

Open the live page

<https://manuals.plus/asin/B0CJL1GDZ>

More documents and user manuals: <https://manuals.plus/>