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› Retevis C62 Dual Band Two-Way Radio User Manual

Retevis C62

Retevis C62 Dual Band Two-Way Radio User Manual

Model: C62

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your Retevis C62 Dual Band Two-Way Radio. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage. Keep this manual for future reference.

PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and in good condition. If any items are missing or damaged, contact your retailer.

- 2 × Retevis C62 Radio
- 2 × Antenna
- 2 × Battery (Lithium-ion, 2000 mAh)
- 2 × Charging Base
- 2 × Adapter
- 2 × Belt Clip
- 2 × Type-C Charging Cable
- 2 × Hand Strap
- 2 × User Manual
- 2 × Earpiece

Package Includes



Figure 1: Included components in the Retevis C62 package. This includes two radios, antennas, batteries, charging bases, adapters, belt clips, Type-C cables, hand straps, user manuals, and earpieces.

PRODUCT OVERVIEW

The Retevis C62 is a high-power, dual-band two-way radio designed for reliable communication over long distances. It features a robust design and user-friendly interface.

Key Features:

- **High Power Output:** 5W output with a long antenna for extended range, covering up to 30,000 sq.m or 30 floors in buildings.
- **Group Call Function:** One-touch group call for efficient team communication.
- **Full Keypad Operation:** Allows direct modification of function settings without requiring computer software.
- **Easy Pairing:** Simple pairing with other dual-band walkie-talkies.
- **1.77-inch LCD Display:** Clear display with 5-level adjustable brightness for easy viewing of battery and channel

information.

- **AI Noise Reduction:** Filters environmental noise for clear voice transmission in noisy environments.
- **2000 mAh Rechargeable Battery:** Provides approximately 17 hours of continuous use and 100 hours of standby time.
- **Dual Charging Methods:** Supports Type-C direct charging and desktop charging.
- **Durable Construction:** Made from PC/ABS material, designed to be anti-drop and shock-resistant.
- **VOX Hands-free:** Allows transmission without pressing the PTT button, with 9 adjustable levels.
- **Emergency Alarm:** For critical situations.
- **Key Lock:** Prevents accidental changes to settings.
- **Powerful Flashlight:** Integrated for convenience in low-light conditions.



Figure 2: The Retevis C62 features 5W high power for extensive coverage.



Figure 3: The Retevis C62 is built with durable PC/ABS material, designed to be anti-drop and shock-resistant.

SETUP

1. Battery Installation and Charging

1. Align the battery with the back of the radio and slide it into place until it clicks securely.
2. To charge, connect the Type-C cable directly to the radio or place the radio in the charging base.
3. Connect the adapter to the charging base or Type-C cable, then plug it into a power outlet.
4. The charging indicator will show the charging status. Ensure the battery is fully charged before first use.

Rechargeable Walkie Talkie

2000mAh Li-ion battery capacity
Type-C charging port



Figure 4: The 2000 mAh Li-ion battery provides extended usage.



Figure 5: The 2000 mAh battery offers 17 hours of use and 100 hours of standby.



Figure 6: Charging the Retevis C62 via Type-C port.



Figure 7: Charging the Retevis C62 using the desktop charging base.

2. Antenna Attachment

Screw the antenna clockwise into the connector on the top of the radio until it is finger-tight. Do not overtighten.

3. Belt Clip and Hand Strap

Attach the belt clip to the back of the radio using the provided screws. Secure the hand strap to the designated loop on the radio for added security.

OPERATING INSTRUCTIONS

1. Power On/Off and Volume Adjustment

- To power on, rotate the **Power/Volume knob** clockwise.
- To power off, rotate the **Power/Volume knob** counter-clockwise until it clicks.
- Adjust the volume by rotating the **Power/Volume knob**.

2. Channel Selection and Frequency Input (VFO Mode)

- Use the **Up/Down arrow keys** or the **keypad** to select a channel.
- In VFO (Variable Frequency Oscillator) mode, you can directly input desired frequencies using the numeric keypad. Refer to the display for current frequency.



Figure 8: Inputting frequency in VFO Mode using the keypad.

3. Transmitting and Receiving

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

4. Group Call Function

The radio supports a one-touch group call feature. Consult the full user manual for specific button assignments and setup procedures for group calls. This feature allows all team members to be contacted simultaneously.

Group Call Function

Press one key to call all team members quickly



Figure 9: The Group Call Function enables quick communication with all team members.

5. AI Noise Reduction

The integrated AI noise reduction chip automatically filters out ambient noise, ensuring clear voice communication even in loud environments. This feature is typically active by default.

AI Noise Reduction

10-level optional
Clearer call



Figure 10: AI Noise Reduction ensures clear communication in noisy settings.

6. VOX (Voice Operated Exchange) Function

VOX allows you to transmit by speaking into the microphone without pressing the PTT button. This is useful for hands-free operation.

- To activate/deactivate VOX, navigate through the radio's menu settings.
- Adjust the VOX sensitivity level (9 levels available) to prevent accidental transmissions or missed voice activations.

VOX Hands-free

Transmit directly without stopping work
9-level optional



Figure 11: VOX Hands-free function allows voice-activated transmission.

7. LCD Display and Brightness

The 1.77-inch LCD display shows channel information, battery status, and other settings. You can adjust the brightness to one of 5 levels for optimal visibility in various lighting conditions.

1.77-inch LCD Display

With 5-level adjustable brightness, read the information clearly



Figure 12: The 1.77-inch LCD display with 5-level adjustable brightness.



Figure 13: Adjusting the 5-level brightness on the LCD display.

8. Key Lock Function

To prevent accidental key presses, activate the key lock feature. Refer to the radio's menu for instructions on how to enable and disable this function.



Figure 14: The key lock function prevents unintended button presses.

9. Flashlight

The radio includes a powerful flashlight. Activate it via the designated function key or menu option for use in dark environments.



Figure 15: The integrated powerful flashlight for illumination.

10. Emergency Alarm

In an emergency, activate the alarm function. Refer to the full user manual for details on how to trigger and configure the emergency alarm.



Figure 16: The emergency alarm function for critical situations.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or solvents.

- **Battery Care:**
 - Avoid overcharging or completely discharging the battery.
 - Store the battery in a cool, dry place when not in use for extended periods.
 - Replace the battery if its performance significantly degrades.
- **Antenna:** Ensure the antenna is securely attached. Do not bend or force the antenna, as this can damage the radio's connector.
- **Storage:** Store the radio in a dry, dust-free environment away from extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery or re-install it securely.
Cannot transmit or receive.	Incorrect channel/frequency, out of range, or antenna not attached.	Verify channel/frequency, move closer to other radios, ensure antenna is secure.
Poor audio quality.	Low battery, interference, or AI Noise Reduction settings.	Charge battery, move away from interference sources, check AI Noise Reduction levels.
Keys are unresponsive.	Key lock function is active.	Deactivate the key lock function.

SPECIFICATIONS

Feature	Detail
Brand	Retevis
Model Number	C62
Color	Black
Number of Channels	16
Special Features	50 CTCSS codes / 210 DCS codes, NOAA, VOX
Voltage	7.4 Volts
Water Resistance Level	Not waterproof
Product Dimensions (D x W x H)	121 x 35 x 58 millimeters
Item Weight	251 Grams
Battery Type	2 Lithium-ion (included)
Battery Capacity	2000 mAh
Compatible Devices	Audio devices
Tuner Type	FM, UHF

Feature	Detail
Country of Origin	China

WARRANTY AND SUPPORT

Warranty Information:

Retevis provides a 2-year warranty for the radio body and a 1-year warranty for accessories. Additionally, there is a 30-day no-reason return policy.

Beyond the warranty period, maintenance services are still offered, with buyers responsible for corresponding costs.

Customer Support:

For any questions, issues, or support needs, please contact Retevis customer service on Amazon. They aim to reply within 12 hours.

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