

Retevis L61

Retevis L61 Network Walkie Talkie User Manual

Model: L61

INTRODUCTION

This user manual provides comprehensive instructions for the Retevis L61 Network Walkie Talkie. The L61 is a rugged 4G-enabled Push-to-Talk over Cellular (POC) radio designed for long-range communication, featuring GPS functionality, group calling, and over-the-air programming. Please read this manual thoroughly before operating your device to ensure proper use and optimal performance.

PACKAGE CONTENTS

Package Includes



Figure 1: Included Accessories

Upon opening the package, verify that all the following items are included:

- L61 4G Network Radio (x2)
- Belt Clip (x2)
- Charging Line (x2)
- 2500mAh Li-ion Battery (x2)
- User Manual (x2)

If any items are missing or damaged, please contact customer support immediately.

PRODUCT OVERVIEW

The Retevis L61 is designed for robust and reliable communication across vast distances, leveraging 2G/4G network capabilities. Its compact design ensures portability while offering advanced features for various professional and personal uses.



Figure 2: Retevis L61 Network Walkie Talkies

Key Features:

- **Unlimited Range:** Supports 2G/4G networks for communication without distance limitations, even in remote areas.
- **GPS Functionality:** Enables real-time location tracking for team coordination and emergency alerts, enhancing safety.
- **Flexible Communication:** Supports individual, group, and friend communication modes to suit various operational needs.
- **Dual Alarm Modes:** Includes a walkie talkie alarm for personal safety and a GPS fencing alarm for driving safety.
- **Over-the-Air Edition:** Allows for easy configuration and updates without the need for physical cable connections.
- **Compact Design:** Measuring 116mm high, it is easy to hold and carry for extended periods.
- **Long Battery Life:** Equipped with a 2500mAh battery, providing up to 30 hours of standby time and 12 hours of work time.
- **Type-C Charging:** Conveniently rechargeable via computer or power bank, with a low battery alert feature.
- **Dual SIM Card Support:** Features two card slots for utilizing different networks, ensuring versatile connectivity.

SETUP

1. Battery Installation

The Retevis L61 comes with a 2500mAh Li-ion battery. To install:

1. Ensure the device is powered off.
2. Locate the battery compartment cover on the back of the radio.
3. Slide the cover downwards or unlatch it to open.
4. Insert the 2500mAh Li-ion battery, aligning the contacts correctly.
5. Replace the battery compartment cover and secure it.



Figure 3: Battery and Charging Overview

2. SIM Card Installation

The L61 supports dual SIM cards for flexible network connectivity.

1. With the battery removed, locate the two SIM card slots.

2. Insert your 2G/4G compatible SIM cards into the designated slots, ensuring correct orientation.
3. Replace the battery and battery cover.



Figure 4: Dual SIM Card Slots

3. Initial Charging

Before first use, fully charge the device.

- Connect the provided Type-C charging cable to the radio's charging port.
- Connect the other end of the cable to a compatible USB power adapter, computer, or power bank.
- The charging indicator will show the charging status. Once fully charged, the indicator will change (refer to device screen for details).

OPERATING INSTRUCTIONS

1. Power On/Off

- To power on, long press the power button until the screen illuminates.
- To power off, long press the power button until the device shuts down.

2. Basic Communication (PTT Button)

The Push-to-Talk (PTT) button is central to communication.

- To transmit: Press and hold the PTT button on the side of the radio. Speak clearly into the microphone.
- To receive: Release the PTT button to listen for incoming transmissions.

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Video 1: Demonstrates how to use the Retevis L61 walkie talkies, including basic PTT operation and menu navigation.

3. Group, Individual, and Friend Calls

The L61 supports various call types for flexible communication scenarios.

- **Group Call:** Communicate with all members within a pre-defined group.
- **Individual Call:** Initiate a private conversation with a specific user.
- **Friend Call:** Communicate with designated contacts.

Single/Group/Friend Call

Available for outdoor team use



Figure 5: Call Modes

4. GPS Functionality

Utilize the integrated GPS for location tracking and safety features.

- **Real-time Location:** Track the precise location of team members on a dispatch system.
- **GPS Fencing:** Set virtual boundaries to receive alerts if a device enters or exits a specified area, useful for route adherence and safety.

GPS Function

Locate the location for work efficiency
Send the alarm for driving safety



Figure 6: GPS Tracking and Fencing

5. Over-the-Air Edition (OTA)

The L61 supports over-the-air programming, eliminating the need for physical cables for configuration updates.

- Connect the radio to a network.
- Access the programming software (details typically provided by your service provider or Retevis support).
- Update settings, channels, or features remotely.

Over-the-Air Edition

No cable is required
Edit the walkie talkie anytime and anywhere



Figure 7: Over-the-Air Programming

6. SOS Alarm

In emergencies, the SOS alarm can be activated to alert your team.

- Long press the designated SOS button (refer to your device's physical layout for exact button location).
- The device will emit an alarm sound and send an emergency signal to pre-configured contacts or the dispatch system.

SOS Alarm

Ask for help in emergencies to keep you safe



Figure 8: SOS Alarm Activation

7. Volume Adjustment

Adjust the speaker volume to a comfortable level using the navigation buttons.

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Video 2: Demonstrates how to adjust the volume settings on the Retevis L61 walkie talkie.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Retevis L61.

- **Battery Care:**

- Avoid fully discharging the battery frequently.
- Charge the battery in a cool, dry place.
- If storing the radio for extended periods, charge the battery to about 50% before storage.

- **Cleaning:**

- Wipe the radio's surface with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Ensure the charging port and other openings are free from dust and debris.

• **Storage:**

- Store the radio in a dry, cool environment away from direct sunlight and extreme temperatures.
- Keep out of reach of children.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No network connection.	No SIM card installed, incorrect SIM card, or out of network coverage.	Ensure SIM cards are correctly installed. Check network coverage in your area. Contact your network provider if issues persist.
Cannot transmit or receive.	PTT button not pressed correctly, device not powered on, or not in a group/channel.	Press and hold the PTT button firmly. Ensure the device is powered on and properly configured for the desired communication group.
Back clip cannot be installed.	Misalignment or manufacturing variation.	Carefully align the back clip with the designated slots. If the issue persists, please contact Retevis customer support via Amazon message for assistance.
GPS location not accurate.	Poor satellite signal, indoor use, or interference.	Move to an open area with clear sky view. Avoid areas with high buildings or dense foliage.

SPECIFICATIONS

Feature	Detail
Brand	Retevis
Model Number	L61
Batteries	2 Lithium Ion batteries required (included)
Product Dimensions	3.51 x 5.46 x 11.6 cm; 293 g (or 35L x 55W x 116H millimetres)
Connectivity Technology	Type-C
Special Features	Programming Over-The-Air, Dual SIM card, Single/Group/Friend Call, 2G/4G Network, GPS function
Power Source	Battery Powered
Radio Bands Supported	4G

Feature	Detail
Water Resistance Level	Not Water Resistant
Country of Origin	China

WARRANTY AND SUPPORT

Retevis products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or visit the official Retevis website. For technical support, troubleshooting assistance, or inquiries regarding your Retevis L61 Network Walkie Talkie, please contact Retevis customer service through the platform where you purchased the product.

For specific issues like the back clip installation, as noted in the troubleshooting section, direct contact via Amazon message to the seller "RetevisDirect" is recommended.

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Documents - Retevis – L61

no relevant documents