LUOTWO R300

LUOTWO R300 5G Walkie Talkie User Manual

Model: R300

1. Introduction

The LUOTWO R300 is a 5G-enabled Push-to-Talk (PTT) walkie-talkie designed for nationwide communication without traditional range limitations. Utilizing 5G public network PoC (Push-to-Talk over Cellular) technology, it allows for clear calls in any area with mobile phone signal. This device is suitable for various collaborative needs, including family trips, outdoor adventures, and professional team communication.

Key features include a dedicated SIM card for a year of free high-speed data service, lifetime free basic communication services, real-time weather forecast functionality, and a durable, anti-shock design.



Figure 1.1: LUOTWO R300 Walkie Talkie and included accessories.



Figure 1.2: Global communication capability of the LUOTWO R300.



Figure 1.3: LUOTWO R300 in various application scenarios.

2. What's in the Box

Upon opening your LUOTWO R300 package, you should find the following items:

- LUOTWO R300 Host (2 units)
- Antenna (2 units)
- Battery pack (2 units)
- Charger (2 units)
- Lanyard (2 units)
- Manual (2 units)

3. Product Overview

Familiarize yourself with the main components and controls of your LUOTWO R300 walkie-talkie:



Figure 3.1: Quick Start Guide - Key Components and Controls.

- **Intercom Key (PTT Button):** Press and hold to transmit your voice. Release to listen.
- **Volume + / Up Key:** Increases volume or navigates up in menus.
- **Volume - / Down Key:** Decreases volume or navigates down in menus.
- **Menu Button:** Accesses the device menu.
- **Power On/Off / Return Key:** Turns the device on or off, or returns to the previous menu.
- **Confirmation Key:** Confirms selections in menus.
- **Headphone Microphone Jack:** For connecting external audio accessories.
- **TYPE-C Charging Port:** For charging the device.

4. Setup

4.1. SIM Card Installation

Your LUOTWO R300 walkie-talkie comes with a dedicated SIM card pre-installed or included. Ensure the SIM card is properly seated in its slot. The device is designed for immediate use upon activation, eliminating the need to purchase

separate data plans for basic communication services.



Figure 4.1: The LUOTWO R300 includes a pre-installed SIM card for data service.

4.2. Battery Installation and Charging

The device uses an LR44 battery (included). Install the battery pack into the designated compartment. Before first use, fully charge the walkie-talkie using the provided TYPE-C charging cable and adapter.

1. Open the battery compartment cover on the back of the device.
2. Insert the battery pack, ensuring correct polarity.
3. Close the battery compartment cover securely.
4. Connect the TYPE-C charging cable to the charging port on the side of the walkie-talkie and the other end to the power adapter.
5. Plug the power adapter into a wall outlet. The charging indicator will show the charging status.



Figure 4.2: Large-capacity battery and TYPE-C charging.

A full charge typically provides approximately 48 hours of active use and 6-7 days of standby time.

4.3. Powering On/Off

- **To Power On:** Press and hold the Power On/Off key until the screen illuminates.
- **To Power Off:** Press and hold the Power On/Off key until the device shuts down.

5. Operation

5.1. Adjusting Volume

Use the **Volume +** and **Volume -** keys on the side of the device to adjust the speaker volume to a comfortable level.

5.2. Making Calls (Push-to-Talk)

The LUOTWO R300 supports individual, group, and mass calls through its PTT functionality.

1. Ensure the device has a stable network connection (indicated by the signal strength icon on the display).
2. Select the desired contact or group from the menu using the navigation keys and Confirmation key.
3. Press and hold the **Intercom Key (PTT Button)** on the side of the device.
4. Speak clearly into the microphone.
5. Release the **Intercom Key** to listen for a response.



Figure 5.1: Call modes: Individual, Group, and Mass.

5.3. Weather Forecast Function

The device includes a real-time weather forecast function. Access this feature through the device menu to receive local weather updates, including precipitation, wind force, and temperature, to assist in planning outdoor activities.

6. Maintenance

6.1. General Care

- Keep the device clean and dry. Avoid exposure to extreme temperatures or direct sunlight for prolonged periods.
- Clean the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the charging port and headphone jack are free from dust and debris.



Figure 6.1: The R300's anti-shock design for durability.

6.2. Battery Care

- To prolong battery life, avoid fully discharging the battery frequently.
- If storing the device for an extended period, charge the battery to about 50% and store it in a cool, dry place.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device does not power on.	Low battery or battery not installed correctly.	Charge the battery. Ensure the battery is properly inserted.
Cannot make or receive calls.	No network signal or SIM card issue.	Move to an area with better mobile signal. Check SIM card installation.
Poor audio quality.	Weak signal, microphone/speaker obstruction, or low volume.	Adjust volume. Ensure microphone and speaker are clear. Move to an area with stronger signal.
Battery drains quickly.	Frequent use, background applications, or aging battery.	Reduce screen brightness. Close unnecessary applications. Consider replacing the battery if it's old.

8. Specifications

Feature	Detail
Model Number	LUOTWO R300
Brand	LUOTWO
Item Weight	10.6 ounces (300 Grams)
Product Dimensions	0.23 x 0.13 x 0.43 inches
Batteries	1 LR44 battery required (included)
Number of Channels	1
Special Feature	Battery Saver Mode, Real-time Weather Forecast
Talking Range Maximum	5000 Kilometer (Network Dependent)
Voltage	4.2 Volts (DC)
Water Resistance Level	Water Resistant
Connectivity	5G PoC (Push-to-Talk over Cellular)

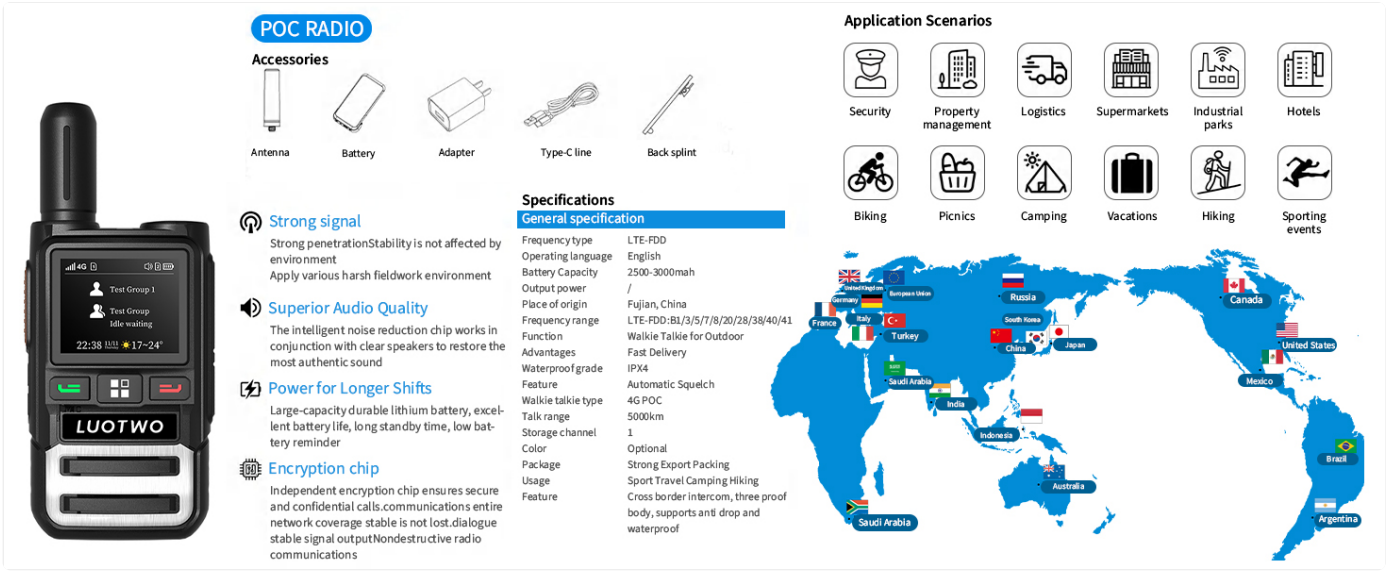


Figure 8.1: Detailed specifications and application scenarios.

9. Warranty Information

The LUOTWO R300 walkie-talkie comes with a**1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

Please retain your proof of purchase for warranty claims. For service or support, refer to the contact information in the Support section.

10. Customer Support

If you encounter any issues or have questions regarding your LUOTWO R300 walkie-talkie, please contact our customer support team. For the most up-to-date support information, including contact details and FAQs, please visit the official LUOTWO website or refer to the contact information provided in your product packaging.

You can also visit the LUOTWO Store on Amazon for additional product information and support resources.

© 2025 LUOTWO. All rights reserved.

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