

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [OMIZN](#) /
- › [OMIZN M5 Global Walkie Talkie User Manual](#)

OMIZN M5

OMIZN M5 Global Walkie Talkie User Manual

Model: M5

1. INTRODUCTION

The OMIZN M5 is a state-of-the-art Global Walkie Talkie designed for nationwide and cross-border communication using Push-to-Talk over Cellular (PoC) technology. It features a pre-installed SIM card for extensive coverage, AES256 encryption for secure communication, and a robust 6000mAh battery for extended use. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



Image 1.1: OMIZN M5 Global Walkie Talkie highlighting nationwide communication.

2. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your OMIZN M5 device.

MANUAL



* If you have any questions, just email us through Amazon Friendly and enthusiastic pre-sales and after-sales service.

Image 2.1: Front view of the OMIZN M5 Walkie Talkie with key components labeled.

- **Antenna:** For signal transmission and reception.
- **Indicator Light:** Displays device status (e.g., charging, signal).
- **Flashlight:** Integrated light for illumination.
- **Volume+/Menu+:** Adjusts volume up or navigates menu. Long press activates flashlight.
- **Volume-/Menu-:** Adjusts volume down or navigates menu. Short press activates flashlight.
- **Headphone Jack:** For connecting external audio accessories.

- **Speaker:** Audio output.
- **Type-C Charging Port:** For charging the device.
- **On/Off Key:** Powers the device on or off.
- **Menu/Confirmation Key:** Accesses menus and confirms selections.
- **PTT (Push to Talk) Launch Key:** Initiates voice transmission.
- **OLED Display:** Shows device status, group information, and user details.

3. PACKAGE CONTENTS

Verify that all items are present in your package:



Image 3.1: Visual representation of the OMIZN M5 package contents.

- OMIZN M5 Global Walkie Talkie Unit
- Antenna
- 6000mAh Lithium Battery
- Lanyard
- Back Clip

- Charger Plug
- Type-C Charging Cable

4. SETUP

4.1 Battery Installation and Charging

The OMIZN M5 is equipped with a 6000mAh battery. For first-time use, ensure the battery is fully charged.

1. Attach the battery to the back of the walkie talkie, ensuring it clicks securely into place.
2. Connect the Type-C charging cable to the charging port on the device and plug the charger into a power outlet.
3. The indicator light will show charging status. A full charge typically takes several hours.
4. The device provides voice battery alerts for low power and features power-saving modes to extend battery life.



Image 4.1: OMIZN M5 Walkie Talkie showcasing its 6000mAh battery and USB-C charging capability.

4.2 SIM Card Information

Each OMIZN M5 unit includes a pre-installed SIM card with one year of high-speed data service. This SIM supports use in up to 172 countries, with default service utilizing US carriers.

- No activation is typically required for initial use within the default service region.
- For international travel, contact support before your trip to ensure service compatibility.
- Service can be renewed annually after the first year.
- If service is unavailable in your area, contact support for SIM replacement options.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Press and hold the **On/Off Key** until the OLED display illuminates or turns off.

5.2 Push-to-Talk (PTT) Function

The OMIZN M5 provides instant push-to-talk communication with zero latency across its nationwide cellular network.

1. Ensure the device is powered on and connected to the network (indicated on the OLED display).
2. Press and hold the **PTT Launch Key** on the side of the device to transmit your voice.

3. Speak clearly into the microphone.
4. Release the **PTT Launch Key** to stop transmitting and listen for replies.

5.3 Group and Private Calls

The device supports up to 200 groups with virtually unlimited members, facilitating flexible communication.

- **Group Calls:** Select the desired group using the menu navigation. All members in the selected group will receive your transmission when you use PTT.
- **1-to-1 Private Calls:** Navigate through the menu to select a specific user for a private conversation.
- **Multi-Group Calls:** The device supports communication across multiple groups simultaneously.
- **Group Management:** For group renaming or monitoring setup, contact OMIZN support.

5.4 Flashlight Operation

The integrated flashlight can be activated for convenience.

- **To turn on/off:** Long press the **Volume+ / Menu+** button or short press the **Volume- / Menu-** button.

5.5 Volume Control and Menu Navigation

Use the **Volume+ / Menu+** and **Volume- / Menu-** buttons to adjust audio levels or navigate through the device's menu options. Press the **Menu/Confirmation Key** to enter menus or confirm selections.

5.6 Intelligent Noise Cancellation and AES256 Encryption

The OMIZN M5 incorporates advanced features for clear and secure communication.

- **Noise Cancellation:** A shielded speaker and advanced voice coding with digital error correction ensure clear communication even in noisy environments or areas with weak signals.
- **AES256 Encryption:** Communication content is encrypted using a 256-bit key, providing military-grade security and protecting user privacy.

- Outdoor Activities
- Catering & Hotel Industry
- Construction Sites
- Warehousing & Logistics
- Security & Emergency Rescue Sectors



Technical specifications

Regional / Operator	Global
Support Frequency Bands	LTE-FDD: B1/B2/B3/B4/B5/B7/B20/B28/B34/B38/B39/B41 LTE-TDD: B1/B3/B5/B8/B34/B38/B39/B40/B41

Image 5.1: OMIZN M5 Walkie Talkie emphasizing AES256 encryption for secure communication.

AES256 Encryption

Military Grade & Secure & Scrambler

Encrypt and decrypt using a 256-bit key. More effective protection of the security of user communication content.



Image 5.2: OMIZN M5 Walkie Talkie illustrating its clear sound quality with magnetic-proof and dust-proof speakers.

6. MAINTENANCE

Proper care ensures the longevity and optimal performance of your OMIZN M5 Walkie Talkie.

- **Cleaning:** Use a soft, damp cloth to clean the device. Avoid harsh chemicals or abrasive cleaners.
- **Environmental Protection:** The device has an IP54 rating, indicating protection against dust and splashing water. Avoid submerging the device in water or exposing it to extreme temperatures outside the specified range (-20°C to 55°C).

- **Storage:** Store the device in a cool, dry place when not in use.
- **Battery Care:** To maintain battery health, avoid fully discharging the battery frequently. Charge the device regularly.

7. TROUBLESHOOTING

If you encounter issues with your OMIZN M5, consider the following basic troubleshooting steps:

- **No Power:** Ensure the battery is properly installed and charged. Try charging the device for at least 30 minutes.
- **No Signal/Network Issues:** Check the OLED display for network indicators. Move to an area with better cellular coverage. If issues persist, contact support regarding your SIM card service.
- **Cannot Transmit/Receive:** Verify that you are in the correct group or have selected the intended recipient for private calls. Ensure the PTT button is pressed correctly.
- **Poor Audio Quality:** Check for obstructions around the speaker and microphone. Ensure the volume is adjusted appropriately.

For any complex issues, signal problems, malfunctions, or questions not covered here, please contact OMIZN support for prompt assistance.

8. SPECIFICATIONS

Detailed technical specifications for the OMIZN M5 Global Walkie Talkie:

Audio Output Power	1.3W @ 10% THD
Battery	6000mAh
Frequency Writing/Upgrading	Type-C Data Cable
Charger Method	Type-C Charging
Platform	XIN POC
Working / Standby Time	48Hours / 144 Hours
Headset	Optional

Antenna Battery Lanyard Back clip Charging plug Type-C data cable

Image 8.1: OMIZN M5 product features and technical specifications.

Feature	Specification
Model Number	OMIZN-M5-B-2set
Product Dimensions	1.29 x 2.2 x 3.07 inches
Brand	OMIZN
Color	Black
Number of Channels	200

Feature	Specification
Frequency Range	Compatible with AT&T LTE Bands 2/4/5/12/14/17/29/30/66, T-Mobile LTE Bands 2/4/5/12/66/71, Verizon LTE Bands 2/4/5/13/46/48/66
Talking Range Maximum	5000 Miles (Cellular Network Dependent)
Voltage	3.7 Volts (DC)
Water Resistance Level	IP54 (Waterproof/Dustproof)
Temperature Range	-20°C to 55°C Degrees Celsius
Battery Capacity	6000mAh Lithium Battery
Working / Standby Time	48 Hours / 168 Hours
Charging Method	Type-C Fast Charging
Encryption	AES256
FCC Identifier	2BPL5-G388

9. WARRANTY AND SUPPORT

OMIZN is committed to providing reliable support for your product.

9.1 Product Support

For any issues, including signal problems, malfunctions, or general inquiries, please contact our dedicated support team. We aim to address your concerns promptly upon receiving your message. Your satisfaction is our top priority.

You can typically reach our support team through the platform where you purchased the product (e.g., Amazon's messaging system) or via the contact information provided on the OMIZN official website.

9.2 Warranty Information

Specific warranty details may vary by region and purchase location. Please refer to the warranty card included with your product or contact OMIZN support for detailed information regarding warranty coverage and terms.