OMIZN OMIZN-M6

OMIZN-M6 Global PoC Walkie Talkie User Manual

Model: OMIZN-M6 | Brand: OMIZN

Introduction   Setup   Operation   Maintenance   Troubleshooting   Specifications   Warranty & Support

1. INTRODUCTION

The OMIZN-M6 is a global Push-to-Talk over Cellular (PoC) two-way radio designed for nationwide communication. It features a pre-installed SIM card for instant service, a high-capacity 6000mAh battery, AES256 encryption for secure communication, and intelligent noise cancellation for clear audio in various environments. This manual provides essential information for setting up, operating, and maintaining your OMIZN-M6 device.

Figure 1: OMIZN-M6 Global PoC Walkie Talkie overview.

2. SETUP GUIDE

2.1 Unboxing and Component Check

Carefully unbox your OMIZN-M6 walkie talkie and verify that all components are present. The standard package includes the walkie talkie unit, battery, antenna, Type-C charging cable, back clip, and charging adapter.

Included Components

Antenna

Type-C

6800mAh Battery

Lanyard

Back Clip

Charging adapter

2.71 in

2.28 in

1.53 in

Figure 2: All accessories included with the OMIZN-M6 walkie talkie.

2.2 Battery and Antenna Installation

1. **Install the Battery:** Align the battery with the compartment on the back of the walkie talkie and gently push until it clicks into place. Ensure it is securely fastened.

2. **Attach the Antenna:** Screw the antenna clockwise onto the connector at the top of the walkie talkie until it is finger-tight. Do not overtighten.

3. **Install FM Antenna (Optional):** If using the FM antenna, insert it into the designated port.

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Video 1: Demonstrates battery and antenna assembly for the walkie talkie.

2.3 SIM Card Installation and Device Registration

The OMIZN-M6 comes with a pre-installed SIM card. To register your device and activate the communication service:

1. **Locate the QR Code:** The device's QR code for registration is typically found on the packaging or displayed on the device screen after initial power-on.

2. **Scan the QR Code:** Use your smartphone to scan the QR code. This will direct you to a registration interface.

3. **Enter Group Name and IMEI:** On the registration interface, enter a user group name and the device's IMEI (International Mobile Equipment Identity). The IMEI can be scanned directly from the walkie talkie's display.

4. **Submit and Restart:** After submitting the information, turn off and restart the walkie talkie to activate the call service.

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Video 2: Guide on SIM card installation and device registration via QR code scanning.

Note: For international roaming, contact OMIZN support in advance.

3. OPERATING INSTRUCTIONS

3.1 Device Overview

Manual

Figure 3: Key components and controls of the OMIZN-M6 walkie talkie.

- **Power ON/OFF Button:** Located on the side, press and hold to power on or off.
- **Push-to-Talk (PTT) Button:** Large button on the side for initiating and ending transmissions.
- **Volume Control Knob:** Top-mounted knob to adjust speaker volume.
- **Menu Button:** For navigating device settings and options.
- **Display Screen:** Shows status, group information, and other relevant data.
- **Type-C Charging Port:** For charging the device.
- **Headphone/Microphone Jack:** For external audio accessories.

3.2 Basic Operation

1. **Power On:** Press and hold the Power ON/OFF button until the device powers on and displays the welcome screen.

2. **Adjust Volume:** Rotate the volume control knob to increase or decrease the audio output.

3. **Initiate a Call (PTT):** Press and hold the PTT button to transmit your voice. Release the button to listen.

4. **Signal Light:** The signal light indicates device status (e.g., transmitting, receiving, idle).

5. **Flashlight:** Press the designated button to turn the flashlight on or off.

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Video 3: Demonstrates basic operations including power on, PTT, volume control, and flashlight.

3.3 Advanced Features

- **Group Communication:** The OMIZN-M6 supports group calls. Ensure your device is registered to the correct user group for seamless communication with other members.
- **AES256 Encryption:** All communications are secured with 256-bit AES encryption, providing privacy and protection against unauthorized listening.
- **Noise Cancellation:** The device features intelligent noise cancellation for clear audio, even in loud environments.

4. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:**
  - Charge the 6000mAh battery using the provided Type-C cable and adapter.
  - Avoid fully discharging the battery frequently to prolong its lifespan.
  - Store the device in a cool, dry place when not in use for extended periods.
- **Storage:** Keep the walkie talkie away from extreme temperatures, direct sunlight, and moisture.
- **Shock Resistance:** The zinc alloy body is designed to be shockproof and crushproof, but avoid unnecessary impacts to maintain optimal performance.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Low battery; Device not turned on.	Charge the battery; Press and hold the power button.
Cannot transmit or receive	Out of service area; SIM card not activated; Incorrect group settings.	Move to an area with network coverage; Ensure SIM card is activated and device registered; Verify group settings.
Poor audio quality	Weak signal; Obstructions; Volume too low/high.	Move to an open area; Adjust volume; Check for obstructions.
Battery drains quickly	Frequent use; High volume; Old battery.	Reduce usage; Lower volume; Consider replacing battery if old.

6. SPECIFICATIONS

Feature	Detail
Model Number	OMIZN-HJ-M6-1Set
Brand	OMIZN
Communication Type	Push-to-Talk over Cellular (PoC)
Network Support	4G LTE Bands (FDD): B1, B2, B3, B4, B5, B7, B8, B20, B28, B34, B38, B39, B40, B41 (Compatible with all 4G bands of AT&T, T-Mobile, and Verizon carriers)
Frequency Range (MHz)	824 - 849MHz, 1710 - 1755MHz, 1850 - 1910MHz, 2496 - 2690MHz, 2500 - 2570MHz, 2570 - 2620MHz
Battery Capacity	6000mAh
Battery Life	Up to 48 hours continuous use, 168 hours standby
Charging	USB-C Fast Charging
Encryption	AES256
Noise Reduction	Intelligent Noise Cancellation
Dimensions	1.53"D x 2.28"W x 2.71"H
FCC ID	2BK6D-G6S

7. WARRANTY AND SUPPORT

7.1 Warranty Information

OMIZN products are covered by a limited warranty against defects in materials and workmanship. Please refer to the product packaging or the official OMIZN website for specific warranty terms and duration. Keep your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting, or any questions regarding your OMIZN-M6 walkie talkie, please contact OMIZN customer support. You can find contact details on the official OMIZN website or through your retailer.

- **Online Support:** Visit the OMIZN Store on Amazon for product information and support resources.
- **SIM Card Renewal:** After the first year, renew your data service for $30/year. Contact support for international roaming activation.