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› [OMIZN M8 4G PoC Two-Way Radio User Manual](#)

**OMIZN M8**

# OMIZN M8 4G PoC Two-Way Radio User Manual

Model: M8

## 1. PRODUCT OVERVIEW

The OMIZN M8 is a 4G Push-to-Talk over Cellular (PoC) two-way radio designed for reliable, nationwide communication. It features AES256 encryption for secure transmissions, IP65 dust and water resistance, and a long-lasting 6800mAh battery with USB-C fast charging.

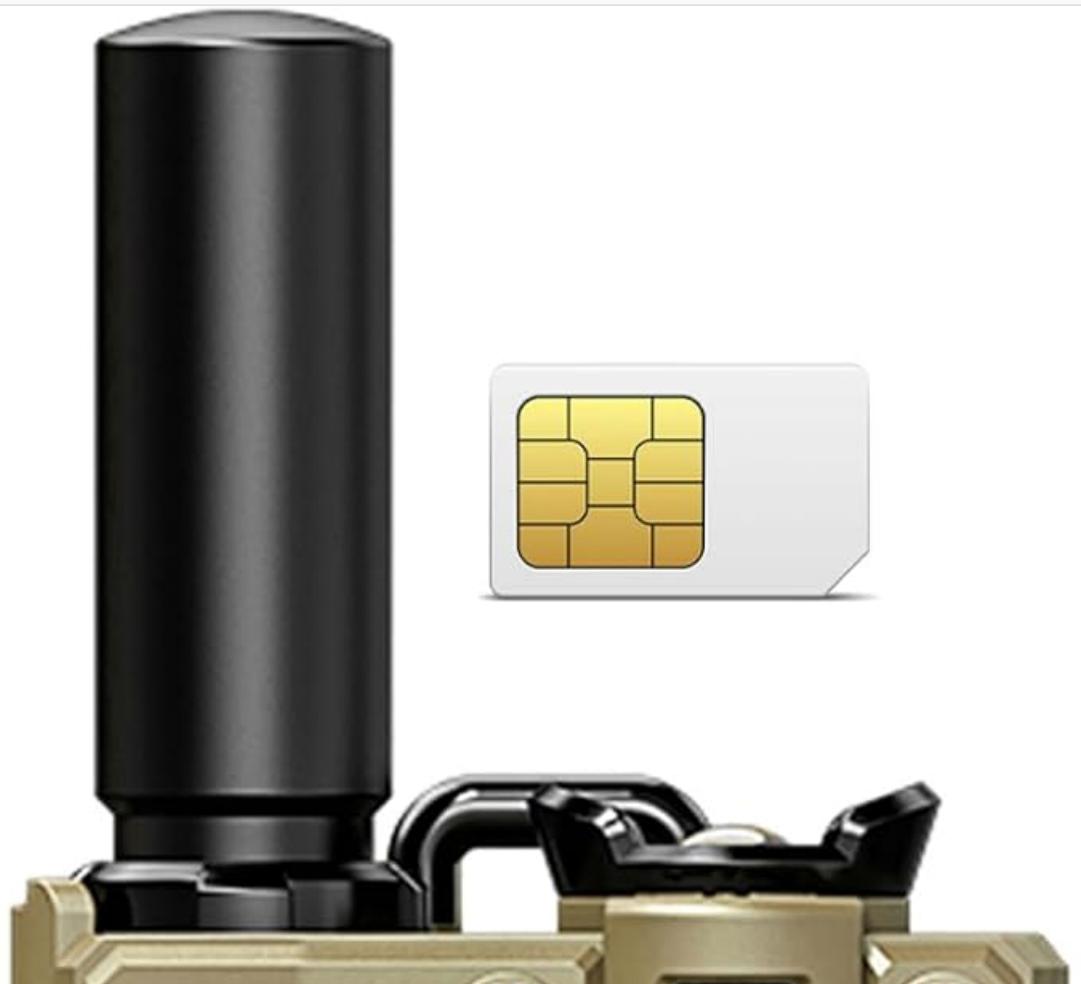




Image 1.1: Front view of the OMIZN M8 4G PoC Two-Way Radio, showing the display and SIM card slot.

## Key Features:

- **Unlimited Nationwide Range:** Utilizes LTE network connectivity for instant push-to-talk communication across the country.
- **Pre-installed SIM Card:** Includes a SIM card with 1 year of service. Optional global service is available for over 172 countries.
- **AES256 Encryption:** Provides secure and private communication, protecting against eavesdropping.
- **Intelligent Noise Reduction:** Enhances voice clarity by reducing background noise.
- **Type-C Fast Charging:** Convenient and rapid charging for the 6800mAh battery.
- **IP65 Rated Protection:** Dustproof and water-resistant design for durability in various environments.
- **Integrated Flashlight:** Features a strong flashlight with multiple modes.

## 2. PACKAGE CONTENTS

Verify that all items are present in your package:

# Included Components



Image 2.1: Diagram showing the OMIZN M8 radio and its included accessories: Antenna, Type-C cable, 6800mAh Battery, Lanyard, Back Clip, and Charging Adapter.

- OMIZN M8 4G PoC Two-Way Radio
- Antenna
- 6800mAh Battery
- Type-C Charging Cable
- Charging Adapter
- Back Clip
- Lanyard
- Pre-installed Micro SIM Card (with 1 year service)

## 3. DEVICE LAYOUT

Familiarize yourself with the buttons and ports on your OMIZN M8 radio:

# Maunal



Menu Key : Long press to turn on the flashlight, short press to switch the flashlight mode.

Image 3.1: Front view of the OMIZN M8 radio with key components labeled, including Antenna, Flashlight, Volume Up/Down, Type-C Charging Port, OLED Display, SIM Cardslot, Microphone, Push to Talk Key, Menu Key, and ON/OFF button.

- **Antenna:** For signal reception and transmission.
- **Flashlight:** Integrated light source.
- **Volume Up / Volume Down:** Adjusts audio volume and navigates menu options.
- **Type-C Charging Port:** For connecting the charging cable.
- **OLED Display:** Shows status, menu, and communication information.
- **SIM Cardslot:** Houses the Micro SIM card.

- **Microphone:** For voice input.
- **Push to Talk (PTT) Key:** Press and hold to transmit voice.
- **Menu Key:** Long press to turn on/off the flashlight; short press to switch flashlight modes.
- **ON / OFF Button:** Powers the device on or off.

## 4. SETUP GUIDE

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### 4.1. Battery Installation and Charging

1. Ensure the radio is powered off.
2. Locate the battery compartment on the back of the radio.
3. Insert the 6800mAh battery, ensuring the contacts align correctly.
4. Secure the battery compartment cover.
5. Connect the Type-C charging cable to the radio's Type-C port and the charging adapter. Plug the adapter into a power outlet.
6. The OLED display will indicate charging status. A full charge provides approximately 48 hours of continuous use or 168 hours of standby time.

# 6,800mAh Lithium Battery

## Long battery life to power your day



Power Bank  
Charging



Car Charging



PC Charging



Type-C Charging



Image 4.1: The OMIZN M8 radio connected to a power adapter via its Type-C port for charging. Various charging methods are depicted, including power bank, car, PC, and Type-C wall charging.

## 4.2. SIM Card Activation

Your OMIZN M8 radio comes with a pre-installed Micro SIM card. This SIM card includes 1 year of service for nationwide coverage. No additional activation steps are typically required for initial use within the covered region.



Image 4.2: Illustration of different SIM card sizes (Standard, Micro, Nano). The OMIZN M8 uses a Micro SIM card.

For optional global service or renewal after the first year, please refer to the contact information in the Support

section.

### 4.3. Powering On/Off

- **To Power On:** Press and hold the ON/OFF button until the OLED display illuminates.
- **To Power Off:** Press and hold the ON/OFF button until the display turns off.

## 5. OPERATING INSTRUCTIONS

### 5.1. Basic Communication

1. Ensure the radio is powered on and connected to the network (indicated on the OLED display).
2. Select the desired group or contact using the menu navigation (Volume Up/Down buttons).
3. To transmit, press and hold the Push to Talk (PTT) key. Speak clearly into the microphone.
4. Release the PTT key to listen for a response.



## Nationwide Unlimited Range Intercom Cross-Border Communication Supported

Optional Global Coverage: Works in **172** Countries/Regions  
Worldwide for International Needs



Image 5.1: The OMIZN M8 radio shown against a world map, emphasizing its nationwide and cross-border communication capabilities.

## 5.2. Volume Adjustment

Use the Volume Up and Volume Down buttons to increase or decrease the listening volume.

## 5.3. Flashlight Operation

- **To Turn On/Off:** Long press the Menu Key.
- **To Switch Modes:** Short press the Menu Key to cycle through Strong, Weak, and Strobe (SOS) light modes.



Image 5.2: The OMIZN M8 radio's integrated flashlight in operation, demonstrating its ability to illuminate dark environments with Strong, Weak, and Strobe (SOS) modes.

## 5.4. AES256 Encryption

The OMIZN M8 radio is equipped with AES256 encryption, which automatically secures your communications. This feature helps prevent unauthorized interception and ensures privacy for your conversations.

# AES256 Encryption

## Military Grade & Secure & Scrambler

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

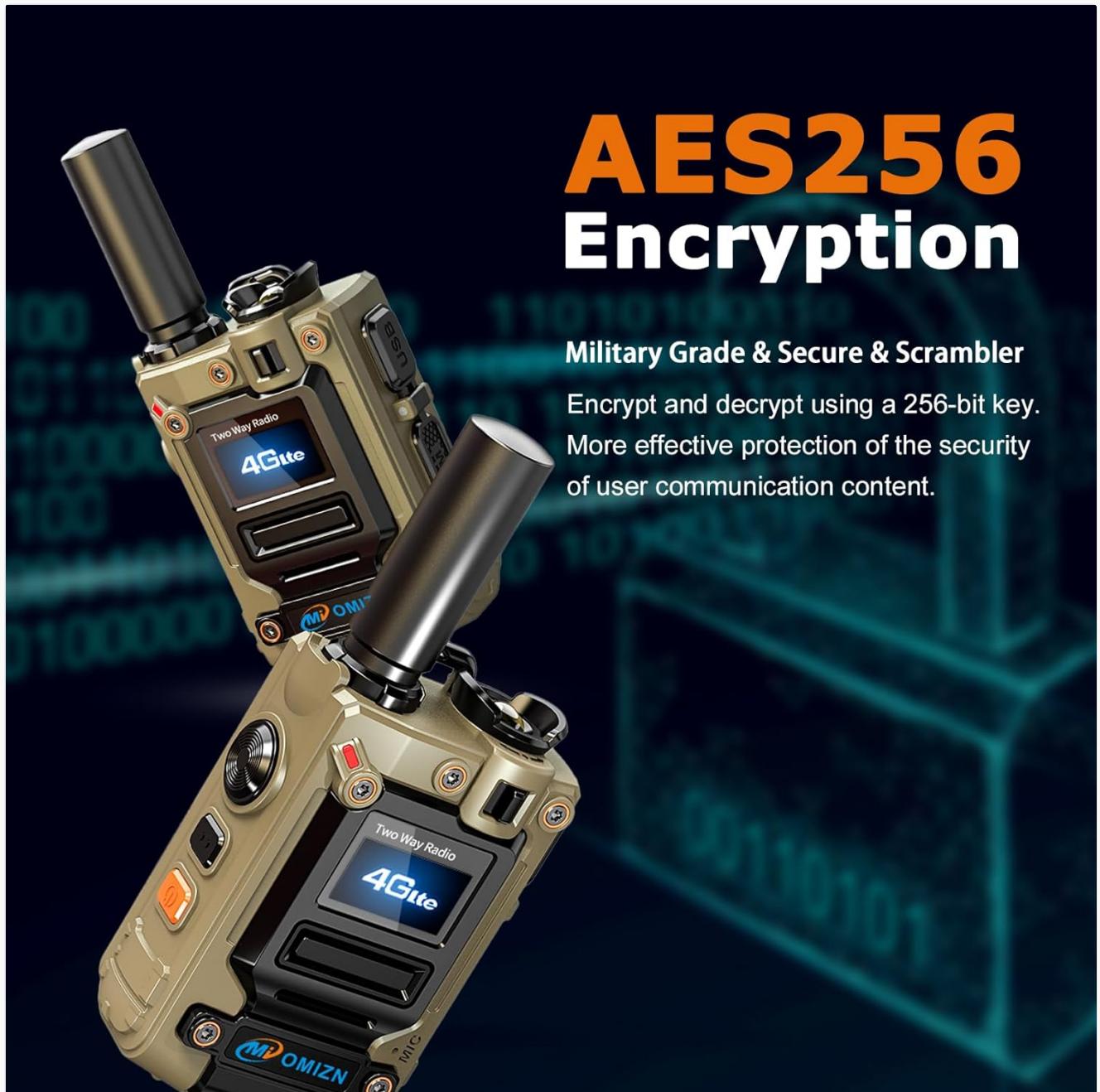


Image 5.3: Two OMIZN M8 radios illustrating the AES256 encryption feature, highlighting secure communication with a 256-bit key.

## 6. MAINTENANCE AND CARE

### 6.1. Cleaning

The OMIZN M8 radio has an IP65 rating, making it dustproof and water-resistant. To clean the device, wipe it with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are closed before cleaning with moisture.



# IP65 Rated Protection



Image 6.1: The OMIZN M8 radio demonstrating its IP65 rating, showing resistance to both dust and water splashes.

## 6.2. Battery Care

- Charge the battery fully before first use.
- Avoid completely draining the battery regularly to prolong its lifespan.
- Store the radio and battery in a cool, dry place when not in use for extended periods.

## 7. TROUBLESHOOTING

If you encounter any issues with your OMIZN M8 radio, please refer to the following common solutions:

- **No Power:** Ensure the battery is correctly installed and charged. Try charging the device for at least 30 minutes.
- **No Signal/Communication:** Check if the radio is powered on and within network coverage. Verify the SIM card is properly inserted and active.
- **Poor Audio Quality:** Adjust the volume. Ensure the microphone and speaker are not obstructed. The

intelligent noise reduction feature should automatically optimize sound.

- **Flashlight Not Working:** Ensure the radio is powered on. Long press the Menu Key to activate the flashlight.

If you experience a malfunction, signal issues, or are unsure how to use a feature, please contact our support team immediately. We are committed to resolving your concerns promptly and can provide online debugging services.



Image 7.1: A customer support representative, symbolizing assistance for product inquiries and troubleshooting.

## 8. TECHNICAL SPECIFICATIONS

A detailed graphic for the OMIZN M8. It features the OMIZN logo at the top left, the FCC logo at the top right, and the model name "M8" in large bold letters. To the right of the model name is the FCC ID: "FCC ID: 2BN3L-TS-K8S". Below the model name is a black cylindrical image of the device. To the left of the device is a section titled "Product Features:" with a bulleted list of three items: "IP54 Waterproof Dustproof", "Easy to Use for Both Adults and Kids", and "4G LTE Full Network Connectivity".

- IP54 Waterproof Dustproof
- Easy to Use for Both Adults and Kids
- 4G LTE Full Network Connectivity

Image 8.1: A detailed graphic outlining the OMIZN M8's product features and technical specifications.

Feature	Specification
Model Number	M8
Brand	OMIZN
Product Dimensions	1.45 x 2.28 x 3.07 inches
Weight	0.27 KG (approx.)
Display Type	OLED
Number of Channels	200
Special Features	Digital Display, Integrated Flashlight, Long Range, Noise Reduction, Weather Resistant
Frequency Range	TD-LTE: B38/B41, FDD-LTE: B2/B3/B4/B5/B7/B12/B13/B17/B26/B28, GSM: 850/900/1800/1900, WCDMA: B2/B4/B5

Talking Range Maximum	Nationwide (via LTE network)
Voltage	3.7 Volts
Water Resistance Level	IP65 (Dustproof, Water Resistant)
Battery Capacity	6800mAh
Operating System	Rtos
SIM Card Type	Micro SIM Card
Working / Standby Time	48 Hours / 168 Hours
Operating Temperature	-20°C to 55°C
Storage Temperature	-40°C to 85°C

## 9. WARRANTY INFORMATION

Please refer to your purchase documentation or contact OMIZN customer support for detailed warranty information regarding your M8 4G PoC Two-Way Radio.

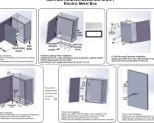
## 10. CUSTOMER SUPPORT

For any order-related issues, including damage, defects, or questions about product functionality, please contact OMIZN customer support through Amazon Messages. Our team is dedicated to providing prompt assistance and resolving your concerns.

For global service inquiries or SIM card renewal, please reach out to our after-sales service team in advance.

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## Related Documents - M8

	<p><a href="#"><u>M8 Smart Translation Earphones: Specifications and Features</u></a></p> <p>Detailed specifications and features of the M8 smart translation earphones, including language support, technical details, and usage scenarios.</p>												
 <p><b>Walkie Talkie User Guide</b></p> <p>WARNING: CHOKING HAZARD – Small parts. Not for children under 3 years.</p> <table border="0"> <tr> <td>Operating instructions</td> <td>1-12</td> </tr> <tr> <td>Bedienungsanleitung</td> <td>1-12</td> </tr> <tr> <td>ES</td> <td>13-25</td> </tr> <tr> <td>ES</td> <td>26-39</td> </tr> <tr> <td>Instructions para el usuario</td> <td>40-51</td> </tr> <tr> <td>Instructions per l'uso</td> <td>52-64</td> </tr> </table>	Operating instructions	1-12	Bedienungsanleitung	1-12	ES	13-25	ES	26-39	Instructions para el usuario	40-51	Instructions per l'uso	52-64	<p><a href="#"><u>WisHouse M8 Walkie Talkie User Guide - Features, Setup, and Operation</u></a></p> <p>Comprehensive user guide for the WisHouse M8 Walkie Talkie. Learn how to set up, operate, and utilize features like VOX, privacy codes, and scanning. Includes instructions in English, German, French, Spanish, and Italian.</p>
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 <p><b>W-T Tool</b> Programming APP USER'S MANUAL Wireless Programmer Manual</p>	<p><a href="#"><u>ABBREE AR-890 Wireless Programmer User's Manual</u></a></p> <p>A comprehensive user's manual for the ABBREE AR-890 Wireless Programmer, detailing its features, setup, and operation for various walkie-talkie models. Includes instructions for mobile app and PC programming, repeater list functionality, APRS, and PoC features.</p>												
 <p><b>Walkie Talkie User Guide</b></p> <p>WARNING: CHOKING HAZARD – Small parts. Not for children under 3 years.</p>	<p><a href="#"><u>Wishouse Walkie Talkie User Guide</u></a></p> <p>Comprehensive user guide for the Wishouse Walkie Talkie, detailing features, operation, safety precautions, and FCC compliance. Learn how to use your two-way radio for clear communication.</p>												
 <p><b>User Manual</b></p>	<p><a href="#"><u>Power Bank User Manual - M8-C</u></a></p> <p>User manual for the M8-C Power Bank, detailing product structure, charging instructions, usage guidelines, safety warnings, and technical specifications. Learn how to charge your power bank and other devices efficiently.</p>												
 <p><b>INSTRUCTION MANUAL SHEET Electric Metal Box</b></p>	<p><a href="#"><u>VEVOR Electric Metal Box Installation Guide</u></a></p> <p>Comprehensive installation guide for VEVOR electric metal boxes, detailing steps for mounting plate, bottom sealing plate, wall mounting, grounding wire, door, and lock installation. Includes hardware specifications and important warnings.</p>												