Maycall MC-28

Maycall 4G LTE Walkie Talkies MC-28 Instruction Manual

Model: MC-28 | Brand: Maycall

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Maycall MC-28 4G LTE Walkie Talkies. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage. The Maycall MC-28 is a Push-to-Talk Over Cellular (POC) two-way radio designed for wide-area communication using 2G/3G/4G LTE networks. It features a durable design, a 3000mAh battery, and clear audio quality for reliable communication.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- MC-28 Walkie Talkie Unit (x2)
- Battery (x2)
- SIM Card (x2)
- Type-C Line (x2)
- Adapter (x2)
- Back Clip (x2)
- Instruction Manual
- Lanyard (x2)

Figure 1: Package Contents

SETUP

1. SIM Card and Battery Installation

Your Maycall MC-28 walkie talkies include pre-installed SIM cards that offer lifetime service without additional fees. If you need to access or re-install the SIM card, follow these steps:

1. Remove the battery cover from the back of the walkie talkie.
2. Carefully remove the battery.
3. Locate the SIM card slot. The SIM card is typically pre-installed.
4. To install the battery, align the bottom of the battery with the slot and press firmly until it clicks into place.
5. Replace the battery cover.

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Video 1: Instructions for SIM card and battery installation. This video demonstrates how to access the SIM card slot and properly install the battery into the walkie talkie unit.

Figure 2: Lifetime SIM Card Information

2. Powering On and Initial Connection

1. To power on the device, turn the top knob clockwise.
2. Upon powering on, a QR code will be displayed on the screen. The device will automatically search for network signals.
3. After approximately one minute, the device will automatically enter the encrypted channel, indicating it is ready for use.

3. Pairing and Group Formation

To pair your walkie talkies and form a group, follow the instructions provided via the QR code on the product packaging or refer to the dedicated pairing guide video:

1. Scan the QR code found on the product box using your mobile phone's browser.
2. Follow the on-screen prompts to register your devices and form a group. You will need to enter recipient information and a group name.
3. If adding multiple devices, use the "add" button on the registration interface.
4. Confirm the registration to complete the pairing process.

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Video 2: Global Walkie-Talkie Pairing Guide. This video demonstrates the process of scanning a QR code to register and pair your walkie talkies for group communication.
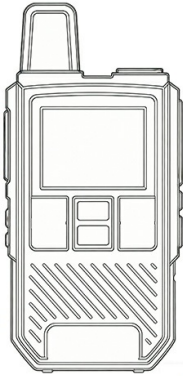

Figure 3: Quick Team Formation via QR Code

OPERATING INSTRUCTIONS

Basic Controls

- **Knob:** The top knob controls power on/off and adjusts the volume level.
- **PTT Button:** Located on the left side of the device. Press and hold to transmit, then release to listen.

- **Screen Buttons:** At the bottom of the screen, you will find:

    - Green Menu Key / Confirm Key
    - Up Key
    - Down Key
    - Red Return Key / Lock Key

- **Shortcut Keys:** On the left side of the screen buttons are the Group Shortcut Key and the Member Shortcut Key.

Call Modes

The MC-28 supports various call modes:

- **Single Call:** For one-on-one communication with a specific member.
- **Group Call:** For communication with all members within a pre-defined group.
- **All Call:** For broadcasting messages to a large number of users.

Figure 4: Multiple Call Modes

Communication Range

The Maycall MC-28 utilizes 2G/3G/4G LTE and dual-mode technology to provide a communication range

exceeding 3000 miles. This allows for communication across vast distances by seamlessly switching between traditional walkie talkie frequencies and cellular networks. Operation requires cellular signal coverage in the area of use.

Figure 5: Communication Range

MAINTENANCE

Battery Charging

The MC-28 is equipped with a 3000mAh battery. To charge the device:

- Use the provided Type-C cable and adapter.
- Connect the Type-C cable to the charging port on the walkie talkie and the adapter to a power source.
- The battery provides up to 3 days of continuous use or 8 days on standby.
- A smart power-saving mode is integrated to optimize energy usage.

Figure 6: Charging Options

General Care

- Keep the device clean and dry.
- The device has a waterproof rating, but avoid prolonged submersion in water.
- Avoid exposing the device to extreme temperatures or direct sunlight for extended periods.
- Handle the device with care to prevent physical damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Battery is not charged or not properly installed.	Ensure the battery is fully charged and correctly seated in its compartment. Turn the knob clockwise to power on.
"No SIM card inserted" message.	SIM card is not properly latched or installed.	Remove the battery, check the SIM card panel, and ensure the SIM card is securely latched in its slot.
Difficulty connecting to cell networks.	Weak signal area or network issues.	Move to an area with better cellular coverage. Ensure SIM cards are active.
Cannot communicate with other radios.	Radios are not properly paired or in the same group.	Refer to the "Pairing and Group Formation" section and video to ensure all radios are correctly registered and in the same group.
Poor sound quality / background noise.	Environmental noise or interference.	The device features intelligent noise reduction. Ensure the microphone is not obstructed and speak clearly.

SPECIFICATIONS

Feature	Detail
Model Number	MC-28
Item Weight	1.15 pounds
Product Dimensions	4.45 x 1.4 x 2.36 inches

Feature	Detail
Battery Capacity	3000mAh
Battery Life	Up to 30 Hours (continuous use), 8 Days (standby)
Number of Batteries	2 LR44 batteries required (included)
Number of Channels	10000
Talking Range Maximum	3000 Miles
Water Resistance Level	Waterproof
Special Feature	Long Range, 4G LTE Connectivity

WARRANTY AND SUPPORT

Your Maycall MC-28 Walkie Talkies come with a**1 Year Manufacturer Warranty**. For warranty claims or technical support, please contact Maycall directly through their official channels or the retailer where the product was purchased.

For additional assistance, you may refer to the Maycall brand story and FAQs available on the product's online listing.