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KAYOTOM M12

KAYOTOM M12 4G PoC Two-Way Radio Instruction Manual

Model: M12

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your KAYOTOM M12 4G PoC Two-Way Radio. Please read this manual thoroughly before using the device and retain it for future reference.

WHAT'S IN THE BOX

- KAYOTOM M12 Two-Way Radios & Batteries (quantity as purchased)
- Detachable Antenna
- 2x 365 Days 4G Data Plan SIM Cards (pre-installed or included)
- Charger and Charging Cable (Type-C)
- Instruction Manual
- Gift Box

SETUP GUIDE

Follow these steps to prepare your KAYOTOM M12 radio for first use:

1. **Install Battery:** Insert the battery into the designated compartment on the back of the radio. Ensure it clicks into place securely.
2. **Secure Battery Screws:** Use the provided screwdriver to fasten the battery screws, ensuring the battery is firmly attached.
3. **SIM Card Installation:** Verify that the SIM card is properly inserted into its slot. If not, carefully insert it as shown in the video.
4. **Install Detachable Antenna:** Screw the detachable antenna onto the top connector of the radio until it is finger-tight.
5. **Power On:** Long press the power button until the screen illuminates and displays 'Welcome'.
6. **Network Adaptation:** Allow 1-2 minutes for the radio to adapt to the network. The device is ready for use once connected.

Small and convenient

Single-sided key layout, one-handed use



How do I use this Radios Walkie Talkies?

1. Install the battery and lock the screws.
2. You need to wait a few minutes to adapt the network when you boot.
3. If the two devices cannot be connected, check whether the SIM card is properly inserted and restart them
4. If the machine can not be used, please contact us in time, we will help you deal with it first!
5. Long press the PTT key for unlimited distance communication

Figure 1: KAYOTOM M12 Two-Way Radio and included accessories.



Figure 2: Multiple views of the KAYOTOM M12 radio, highlighting its compact design and single-sided key layout for one-handed operation.

Video 1: Demonstrates battery installation, securing the back clip, antenna attachment, and initial power-on sequence for the M12 radio.

Video 2: Provides detailed instructions on SIM card and battery installation, powering on the device, adjusting volume, and navigating menu options.

OPERATING INSTRUCTIONS

Basic Communication (PTT)

Once the radio is powered on and connected to the network, you can initiate communication:

- **Push-to-Talk (PTT):** Press and hold the PTT key on the side of the radio to transmit your voice. Release the key to listen.
- The radio utilizes a nationwide cellular 4G LTE data network for clear voice transmission across urban and remote areas.
- Advanced wind noise and noise reduction suppression technology ensures clear communication even in noisy environments.

Volume Control

Rotate the top knob to adjust the volume. Rotate left to increase volume, and rotate right to decrease volume.

Group and Single Calls

The radio supports both group and single calls. Use the menu buttons (orange menu/enter, up, down) to navigate and select your desired call type (Group or Member) from the display.

Integrated Lighting Features

Your radio is equipped with multiple lighting functions:

- **LED Light:** Long press the designated button to activate the powerful LED light. This can be adjusted for strong light, low light, or burst flash.
- **Ultraviolet (UV) Ray:** Activate the UV light for specific applications like checking for authenticity.
- **Infrared (IR) Lamp:** Activate the IR lamp for specialized uses.

Multiple lights
(LED light/violet ray/infrared)
Zinc Alloy Housing
Broken-resistant
Anti-knock



Figure 3: The M12 radio showcasing its integrated LED, Ultraviolet, and Infrared lighting capabilities.

High brightness LED lights

Travel at night, with lights to protect their safety



Infrared ray Ultraviolet ray



Parliamentary explanation



Check for authenticity



Figure 4: Detailed view of the M12 radio's high brightness LED lights, infrared ray, and ultraviolet ray functions, with examples of their use.

MAINTENANCE

Charging the Battery

The radio is equipped with a powerful rechargeable lithium-ion battery. Charge the device using the provided Type-C charging cable. A full charge provides up to 7 days of standby time.

Cleaning

Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are closed when cleaning to maintain water resistance.

Storage

Store the radio in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.

TROUBLESHOOTING

- **No Connection / Cannot Communicate:**

Ensure the SIM card is properly inserted and restart the device. Wait 1-2 minutes for network adaptation. If issues persist, verify SIM card activation with your provider.

- **Device Not Turning On:**

Check if the battery is correctly installed and charged. Long press the power button for several seconds.

- **Poor Audio Quality:**

Ensure the antenna is securely attached. Move to an area with better cellular signal. The radio features noise reduction technology, but extreme conditions may still affect clarity.

- **Unable to Join Group:**

If you have purchased additional radios and need them in the same group, please contact customer support with the account number on your SIM card.

For any persistent issues or if the machine cannot be used, please contact KAYOTOM customer support for assistance.

SPECIFICATIONS

Product Model	M12
Product Dimensions	1.2 x 2.12 x 3.38 inches
Network Mode	4G Global Communication (PoC)
Standby Time	Up to 7 days
Battery Capacity	3000mAh
Charging Method	Type-C
Number of Channels	200
Talking Range Maximum	10000 Miles (Network Dependent)
Special Features	Adjustable Receiver Sensitivity, Noise Reduction, Shockproof, Unlimited Range, Weather Resistant, LED/UV/IR Lights
Water Resistance Level	Water Resistant
Compatible Devices	Repeater



Figure 5: KAYOTOM M12 radio with labeled dimensions and key features.

INTELLIGENT NOISE REDUCTION LOUD SOUND QUALITY

Adopt modern advanced technology to improve sound quality
and ensure clear and no noise

3000MAH BATTERY

Polymer lithium battery, lightweight,
durable, and large capacity



Figure 6: Exploded view of the KAYOTOM M12 radio, illustrating its internal components and 3000mAh battery.

WARRANTY INFORMATION

Your KAYOTOM M12 Two-Way Radio comes with a **1-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to make a warranty claim, please contact KAYOTOM customer support through the retailer's platform or visit the official KAYOTOM store for contact details.
KAYOTOM Store: [Visit the KAYOTOM Store on Amazon](#)