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› Mesqool CR1009Ultra AM/FM/SW Hand-Crank Radio User Manual

Mesqool CR1009Ultra

Mesqool CR1009Ultra AM/FM/SW Hand-Crank Radio User Manual

Model: CR1009Ultra | Brand: Mesqool

INTRODUCTION

Thank you for choosing the Mesqool CR1009Ultra AM/FM/SW Hand-Crank Radio. This versatile device is designed for emergency preparedness and outdoor activities, offering multiple power sources, radio reception across AM, FM, and SW bands, a powerful flashlight, a reading lamp, and an SOS alarm. Please read this manual carefully to ensure proper use and maintenance of your radio.

Enjoy Radio On The Go

Take It Anywhere with The Convenient Carry Strap



The Mesqool CR1009Ultra radio is designed for portability, easily attaching to a backpack for on-the-go use.

SAFETY INSTRUCTIONS

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the radio to strong impacts.
- Keep the device away from water. While it has IPX4 water resistance, it is not fully waterproof and should not be submerged.
- Do not attempt to disassemble or repair the unit yourself. Contact qualified service personnel.
- Use only recommended charging methods and accessories.
- Keep out of reach of children.

PACKAGE CONTENTS

Please check the package for the following items:

- Mesqool CR1009Ultra Hand-Crank Radio
- USB Type-C Charging Cable
- User Manual

PRODUCT OVERVIEW

Familiarize yourself with the main components of your Mesqool CR1009Ultra radio:

- **Telescopic Antenna:** For improved radio reception.
- **Solar Panel:** For trickle charging in sunlight.
- **Hand Crank:** For manual power generation.
- **Flashlight:** Integrated LED light on the side.
- **Reading Lamp:** Foldable LED light bar on top.
- **LCD Display:** Shows frequency, time, battery status.
- **Control Buttons:** Power, Band, Set Time, Volume, Tune, Backlight, Lock.
- **USB Output Port:** For charging external devices.
- **Type-C Input Port:** For charging the radio.
- **SOS Button:** Activates emergency alarm and flashing light.
- **Headphone Jack:** For private listening.
- **AAA Battery Compartment:** For optional backup power (AAA batteries not included).

SETUP

Initial Charging

Before first use, fully charge the internal 12000mAh battery using the Type-C cable. Connect the Type-C cable to the radio's Type-C input port and the other end to a USB power adapter (not included) or a computer USB port. The charging indicator on the LCD display will show charging status.

Optional AAA Battery Installation

For additional backup power, you can install 3 AAA batteries (not included) into the designated compartment. Ensure correct polarity (+/-) when inserting batteries. The radio will prioritize the internal rechargeable battery if available.

OPERATING INSTRUCTIONS

Power On/Off

Press the **POWER** button to turn the radio on or off.

Radio Tuning (AM/FM/SW)

1. Extend the telescopic antenna for optimal reception, especially for FM and SW bands.
2. Press the **BAND** button to switch between AM, FM, and SW bands.
3. Use the **TUNE +** or **TUNE -** buttons to manually scan for stations. Press and hold to auto-scan for the next available station.
4. Adjust the volume using the **VOL +** or **VOL -** buttons.

Clear Reception

Tune into AM, FM, and SW Channels for a Wider Range of Choices and Entertainment.



The radio offers clear reception across AM (520-1620 kHz), FM (87-108 MHz), and SW (7-19 MHz) bands. Extend the antenna for best signal.

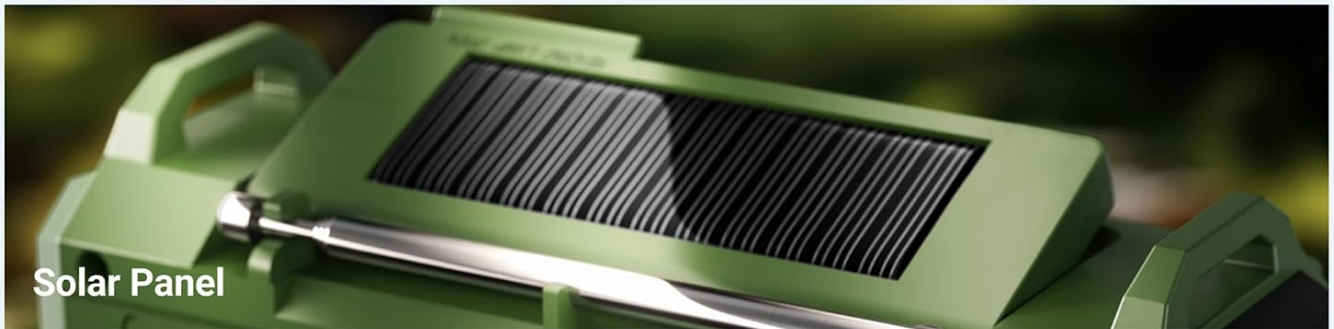
Charging the Radio (5 Ways)

Your radio can be charged via five methods:

- **Type-C Charging:** Connect the included Type-C cable to a USB power source. This is the most efficient and fastest charging method for daily use.
- **Solar Panel:** Place the radio with the solar panel facing direct sunlight. This method is primarily for maintaining battery life and trickle charging, not for a full charge from empty.
- **Hand Crank:** Rotate the hand crank clockwise or counter-clockwise at a steady pace (approx. 130-150 RPM) for emergency power. Cranking for 1 minute can provide several minutes of radio use or flashlight power.
- **Internal 12000mAh Battery:** The large capacity internal battery provides extended operation time.
- **AAA Batteries:** (Optional) Insert 3 AAA batteries for backup power.

5 Charging Ways

No need to worry about battery shortages.



Solar Panel



AAA Batteries



Hand Crank



12000mAh Rechargeable Battery



Type C Charging

The Mesqool CR1009Ultra offers five flexible charging options to ensure power availability in any situation.

Using as a Power Bank

The radio's 12000mAh internal battery can be used to charge external devices like smartphones.

1. Connect your device's USB charging cable to the radio's USB output port.
2. The radio will begin charging your device. Monitor your device's battery status.

Super Large Battery Capacity

12000mAh Power Bank Keeps Your Outdoor Adventures Charged Up



Utilize the radio's 12000mAh battery to charge your mobile devices, keeping them powered during emergencies or outdoor adventures.

Flashlight and Reading Lamp

The radio features two independent light sources:

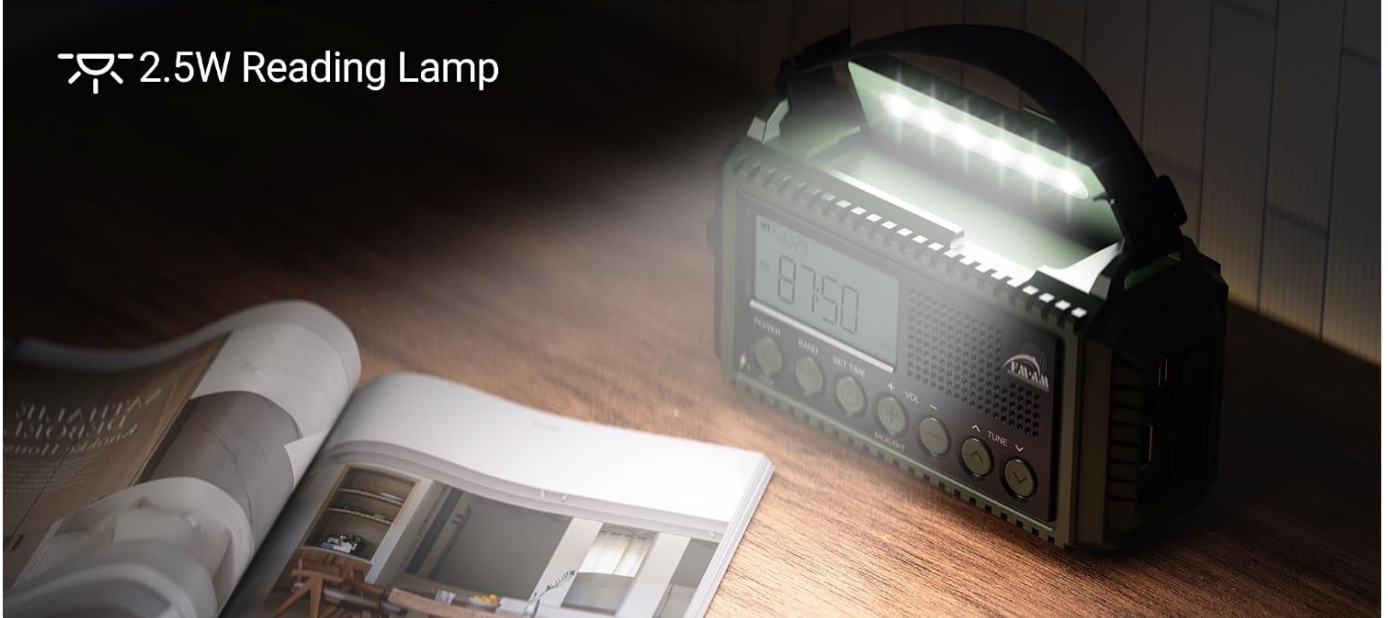
- **Flashlight:** Press the dedicated flashlight button (usually on the side) to turn it on/off. Some models may have multiple brightness settings.
- **Reading Lamp:** Fold out the LED light bar from the top of the radio. Press its dedicated button to turn it on/off. Adjust the angle for comfortable reading.

2 LED Light Sources

🔦 3W LED flashlight



📖 2.5W Reading Lamp



The radio provides two LED light sources: a powerful flashlight for illumination and a foldable reading lamp for convenience.

SOS Alarm

In an emergency, activate the SOS alarm:

1. Press and hold the **SOS** button.
2. The radio will emit a loud 105dB siren and flash a red light to attract attention.
3. Press the **SOS** button again to deactivate the alarm.

105dB **SOS** Alert

Seek Assistance in an Emergency



Activate the 105dB SOS alarm with flashing red light in emergency situations to signal for help.

Headphone Use

For private listening, plug standard 3.5mm headphones into the headphone jack on the side of the radio.

MAINTENANCE

- Clean the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- If not used for an extended period, fully charge the internal battery every 3 months to prolong its lifespan.
- Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- If using AAA batteries, remove them if the radio will not be used for a long time to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/Radio not turning on.	Battery is depleted.	Charge the radio using Type-C, solar, or hand crank. Check AAA batteries if installed.
Poor radio reception.	Antenna not extended; weak signal area.	Fully extend the telescopic antenna. Try repositioning the radio.
Cannot charge external devices.	Radio battery too low; incorrect cable.	Ensure the radio's internal battery has sufficient charge. Use a compatible USB cable for your device.
Flashlight/Reading lamp not working.	Battery depleted; light button not pressed correctly.	Charge the radio. Ensure the specific light button is pressed firmly.
SOS alarm not activating.	SOS button not held long enough.	Press and hold the SOS button for a few seconds until the alarm sounds.

SPECIFICATIONS

Model Number	CR1009Ultra
Brand	Mesqool
Radio Bands	AM: 520-1620 kHz, FM: 87-108 MHz, SW: 7-19 MHz
Power Source	12000mAh Rechargeable Battery, Solar Panel, Hand Crank, 3x AAA Batteries (not included)
Connectivity	USB (output), Type-C (input)
Special Features	SOS Alarm (105dB), Integrated Clock, Flashlight, Reading Lamp, Portable, Dust Resistant, IPX4 Water Resistance
Dimensions (L x W x H)	17.2 x 6.3 x 9.4 cm
Compatible Devices	Headphones, USB-chargeable devices
Display Type	LCD

WARRANTY AND SUPPORT

This Mesqool product comes with an **18-month warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

For technical support, warranty claims, or any questions regarding your Mesqool CR1009Ultra radio, please contact Mesqool customer service. Refer to the contact information provided on the product packaging or the official Mesqool website.

Please retain your proof of purchase for warranty purposes.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question