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› Mesqool CR1031 Portable FM Radio with Bluetooth and NOAA Weather Alert User Manual

Mesqool CR1031

Mesqool CR1031 Portable FM Radio User Manual

Model: CR1031

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Mesqool CR1031 Portable FM Radio. Please read this manual thoroughly before using the device to ensure proper function and to maximize your listening experience. This radio features FM reception, NOAA weather alerts, Bluetooth connectivity, microSD playback, dual alarms, and a sleep timer.

PRODUCT OVERVIEW

The Mesqool CR1031 is a versatile portable radio designed for various listening needs. It includes a 2.4-inch color display, an 8W speaker, and multiple input options.

Components and Controls



Image: Front and side view of the Mesqool CR1031 radio highlighting key components.

- **Volume Knob:** Adjusts audio output level.
- **microSD Card Slot:** For playing audio files from a microSD card (not included).
- **Headphone Jack / Reset Hole:** 3.5mm audio output for private listening; small hole for device reset.
- **USB-C Port:** For charging the internal battery and powering the device.
- **Built-in 3000mAh Battery:** Provides portable power.
- **Speaker:** 8W speaker for audio output.
- **Control Buttons:** Mode, SOS, WX (Weather), Menu, Back, Preset, Enter, Scan, Play/Pause, Next/Previous Track.
- **Telescopic Antenna:** For improved FM and NOAA signal reception.

SETUP

Charging the Battery

Before first use, fully charge the radio. Connect the provided USB-C cable to the radio's USB-C port and the other end to a compatible USB power adapter (included) or a computer's USB port. The 2.4-inch color display will indicate charging status. A full charge ensures cordless listening for extended periods.



Image: The radio connected to a laptop via USB-C for charging, illustrating its rechargeable capability.

Initial Power On

Press and hold the **Power** button to turn the radio on. The display will light up, showing the current time and mode.

FM Radio Operation

1. **Select FM Mode:** Press the **MODE** button until "FM Radio" is displayed.
2. **Auto Scan:** Press the **SCAN** button to automatically search for and save available FM stations. The radio can store up to 40 presets.
3. **Manual Tuning:** Use the **Previous/Next Track** buttons to manually tune to a specific frequency.
4. **Access Presets:** Press the **PRESET** button, then use the **Previous/Next Track** buttons to navigate through saved stations. Press **ENTER** to select.

Rich 8W Sound with 6 EQ Modes

Clear, balanced sound for music, news, and radio



EQ Modes

Image: The radio displaying FM mode and options for EQ settings.

NOAA Weather Alert

The radio includes a built-in U.S. NOAA Weather Band for receiving weather alerts.

1. **Select WX Mode:** Press the **WX** button to switch to the NOAA Weather Band.
2. **Channel Selection:** The radio will automatically scan for the strongest NOAA channel. You can manually cycle through channels using the **Previous/Next Track** buttons.
3. **Enable Alerts:** Ensure the WX Alert function is enabled (check menu settings if necessary) to receive automatic weather alerts.



FM 87.5–108 MHz with 40 Presets



NOAA Weather Band
162.400–162.550 MHz

Image: The radio displaying NOAA Weather Band information in an outdoor environment.

Bluetooth Connectivity

Stream audio wirelessly from your compatible devices.

1. **Select Bluetooth Mode:** Press the **MODE** button until "Bluetooth" is displayed. The radio will enter

pairing mode, indicated by a flashing Bluetooth icon.

2. **Pair Device:** On your smartphone, tablet, or laptop, enable Bluetooth and search for "Mesqool CR1031" (or similar device name) in the list of available devices. Select it to pair.
3. **Play Audio:** Once paired, you can play audio from your device, and it will stream through the radio's speaker.



Image: A user connecting their smartphone to the radio via Bluetooth, demonstrating wireless audio streaming.

microSD Playback

Play audio files directly from a microSD card.

1. **Insert microSD Card:** Gently insert a microSD card (up to 64GB, not included) into the microSD card slot until it clicks into place.

2. **Select microSD Mode:** Press the **MODE** button until "microSD" or "Card Playback" is displayed.
3. **Playback Control:** Use the **Play/Pause** and **Previous/Next Track** buttons to control playback.

Dual Alarms

Set two independent alarms to wake up to FM radio or a buzzer.

1. **Access Alarm Settings:** Press the **MENU** button and navigate to the "Alarm" settings.
2. **Set Alarm 1/2:** Select Alarm 1 or Alarm 2. Set the desired time, alarm source (FM radio or buzzer), and volume.
3. **Activate Alarm:** Ensure the alarm is enabled in the settings.
4. **Snooze:** When an alarm sounds, press any button (except Power) to activate snooze for extra rest.

Dual Alarm



Image: The radio illustrating its dual alarm feature, with one alarm set for a meeting and another for waking up.

Sleep Timer

Fall asleep to your favorite radio station with the sleep timer function.

1. **Access Sleep Timer:** Press the **MENU** button and navigate to the "Sleep Timer" settings.
2. **Set Duration:** Choose a duration from 15, 30, 45, 60, 90, or 120 minutes. The radio will automatically turn off after the selected time.

EQ Modes

Customize your audio experience with 6 equalizer modes.

1. **Access EQ Settings:** Press the **EQ** button (or navigate via the **MENU**).
2. **Select Mode:** Choose from Normal, Pop, Classic, Rock, Jazz, or Bass to match your listening preference.

Official Product Video

Your browser does not support the video tag.

Video: An official product video demonstrating the FM Radio, Bluetooth, and NOAA Weather Alert features of the Mespool CR1031.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the radio's exterior. Do not use abrasive cleaners or solvents.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Recharge regularly, especially if storing for long periods.
- **Water Exposure:** This device is not waterproof. Avoid exposure to water or high humidity.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/Won't turn on	Battery is depleted; Power adapter not connected.	Charge the battery using the USB-C cable. Ensure the power adapter is properly connected.
Poor FM/NOAA reception	Antenna not extended; Weak signal area.	Fully extend the telescopic antenna. Try repositioning the radio for better signal.
Bluetooth not pairing	Radio not in pairing mode; Device Bluetooth off.	Ensure the radio is in Bluetooth mode and the icon is flashing. Check Bluetooth settings on your device.
microSD card not recognized	Card inserted incorrectly; Incompatible format; Card corrupted.	Reinsert the card correctly. Ensure the card is formatted to FAT32. Try a different microSD card.
No sound	Volume too low; Mute activated; Headphones connected.	Increase volume. Check if headphones are plugged in. Ensure the device is not muted.

SPECIFICATIONS

- **Brand:** Mesqool
- **Model Number:** CR1031
- **Color:** Black
- **Product Dimensions:** 6.65"L x 1.85"W x 3.62"H
- **Item Weight:** 0.77 Pounds
- **Power Source:** Corded Electric, Battery Powered (3000mAh rechargeable battery included)
- **Connectivity Technology:** USB, Bluetooth 5.0
- **Tuner Technology:** FM/Weather Band
- **Radio Bands Supported:** NOAA | FM | WB
- **FM Frequency Range:** 87.5-108 MHz
- **NOAA Frequency:** 162.400 - 162.550 MHz
- **Display Type:** 2.4" Color Display
- **Special Features:** Portable, Rechargeable, SOS Alarm, Auto Scan, 40 FM Presets, 8W Sound, microSD Playback, Dual Alarms, Sleep Timer, 6 EQ Modes (Normal, Pop, Classic, Rock, Jazz, Bass)
- **Compatible Devices:** Smartphone, Tablet, Laptop
- **Voltage:** 5 Volts
- **Material:** Acrylonitrile Butadiene Styrene (ABS)

WARRANTY AND SUPPORT

Warranty Information

The Mesqool CR1031 Portable FM Radio comes with a **2-Year Replacement/Refund Warranty** for any quality problems. Please retain your proof of purchase for warranty claims.

Included Components

The product package includes:

- Mesqool CR1031 Portable FM Radio
- USB-C Charging Cable
- Power Adapter
- Owner's Manual (this document)

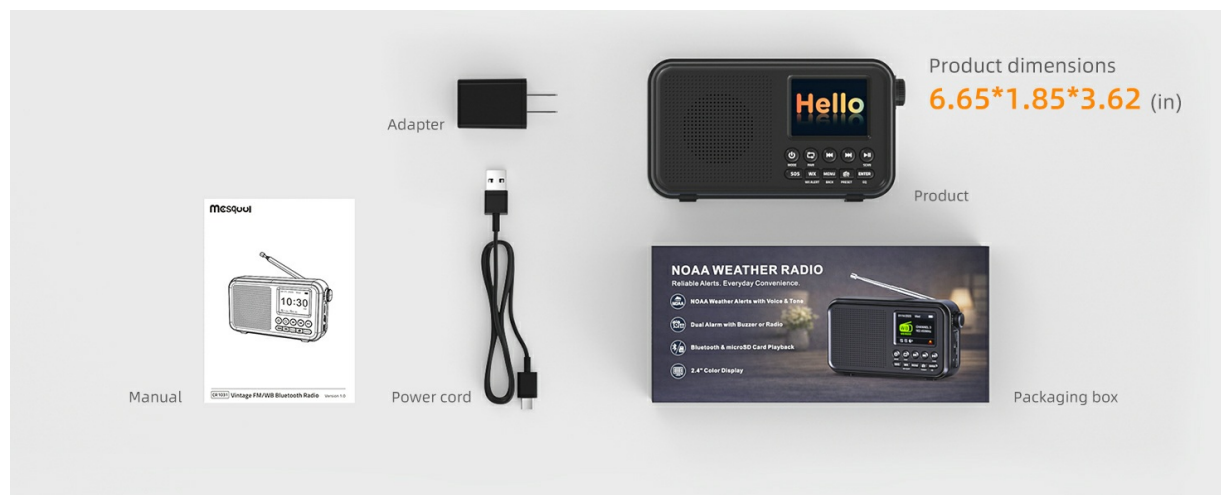


Image: The package contents of the Mesqool CR1031, showing the radio, manual, power adapter, and USB-C cable.

Customer Support

For further assistance or inquiries, please refer to the contact information provided on the product packaging or the official Mesqool website.