

Mesqool CR1031

Mesqool FM Radio, Portable Radio with Bluetooth & NOAA Weather Alert (Model CR1031) - Instruction Manual

For optimal use, please read this manual thoroughly before operating your device.

1. INTRODUCTION

The Mesqool FM Radio (Model CR1031) is a versatile portable radio designed for various listening needs. It features FM radio reception with auto-scan and presets, NOAA Weather Band alerts, Bluetooth 5.0 connectivity for streaming, and microSD card playback. Additional functions include dual alarms, a sleep timer, and 6 EQ modes for a customized audio experience. The radio is equipped with a 2.4-inch color display and a built-in 3000mAh rechargeable battery for cordless operation.

2. WHAT'S IN THE BOX

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

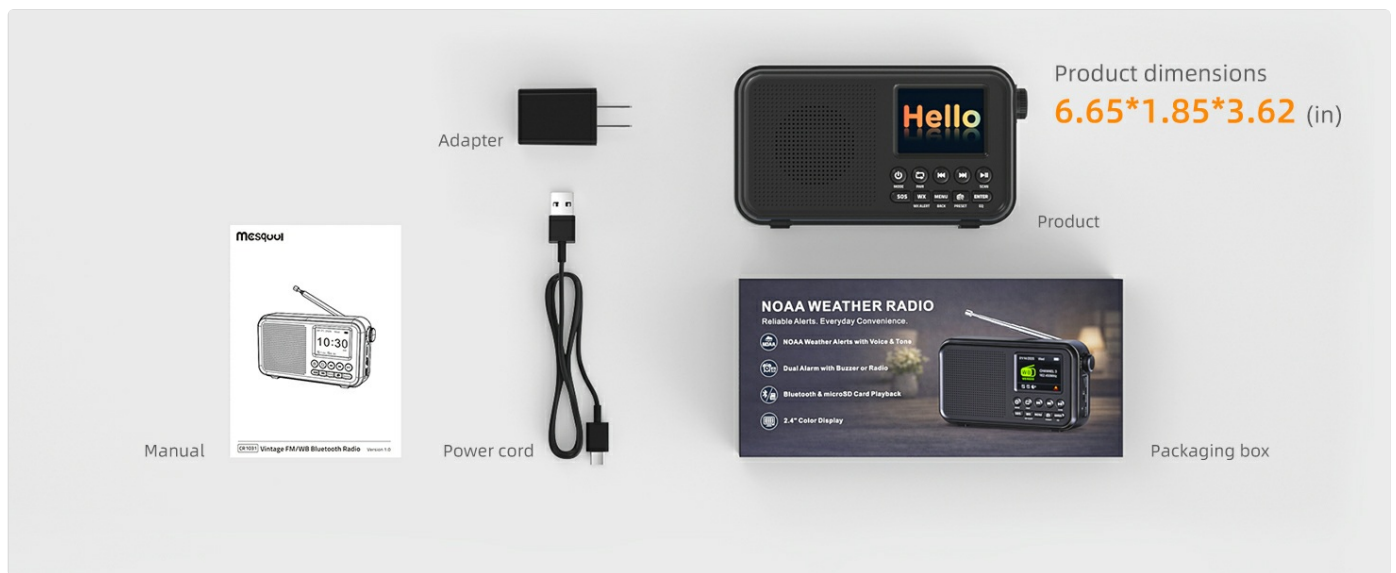


Image: Package contents of the Mesqool FM Radio.

3. PRODUCT FEATURES

- **FM Radio with Auto Scan & 40 Presets:** Easily find and save your favorite FM stations.
- **NOAA Weather Band & Alert:** Receive critical weather updates and alerts.
- **Bluetooth 5.0 Connectivity:** Wirelessly stream audio from compatible devices.
- **MicroSD Playback:** Play audio files directly from a microSD card (up to 64GB, not included).
- **8W Speaker with 6 EQ Modes:** Enjoy clear sound with customizable audio profiles (Normal, Pop, Classic, Rock, Jazz, Bass).
- **2.4-inch Color Display:** Clear display of time, mode, station, battery, and settings.
- **Dual Alarms & Sleep Timer:** Set two independent alarms and use the sleep timer for up to 120 minutes.
- **USB-C Rechargeable Battery:** Built-in 3000mAh battery for portable use.
- **Headphone Jack:** For private listening.
- **SOS Alarm:** Emergency alert function.

4. CONTROLS AND PORTS



Real-Time Weather Alerts



FM 87.5–108 MHz with 40 Presets



NOAA Weather Band
162.400–162.550 MHz

Image: Side view of the Mesqool FM Radio with labeled components.

Side Panel Components:

1. **Volume Knob:** Rotate to adjust the audio volume. Press to power on/off.
2. **microSD Card Slot:** Insert a microSD card for audio playback.
3. **Headphone Jack / Reset Hole:** Connect 3.5mm headphones for private listening. The small hole is for resetting the device using a pin.

4. **USB-C Port:** Connect the USB-C cable for charging the internal battery or for continuous power.
5. **Built-in 3000mAh Battery:** Internal rechargeable battery (indicated by battery icon on screen).
6. **Speaker:** Audio output.

Front Panel Buttons:

- **MODE:** Switch between FM, NOAA Weather, Bluetooth, and MicroSD modes.
- **SOS:** Activate the emergency alarm.
- **WX (Weather):** Directly access NOAA Weather Band.
- **MENU:** Access system settings and options.
- **BACK:** Go back to the previous menu or setting.
- **PRESET:** Access saved radio stations.
- **EQ:** Cycle through equalizer modes (Normal, Pop, Classic, Rock, Jazz, Bass).
- **Scan:** Automatically scan for radio stations.
- **Play/Pause:** Play or pause audio in Bluetooth or MicroSD mode.
- **Previous/Next Track:** Navigate tracks in Bluetooth or MicroSD mode, or tune stations in radio mode.
- **ENTER:** Confirm selections in menus.

5. SETUP

5.1 Initial Charging

Before first use, fully charge the radio. Connect the provided USB-C cable to the radio's USB-C port and the power adapter to a wall outlet. The battery indicator on the display will show charging status. A full charge typically takes a few hours.

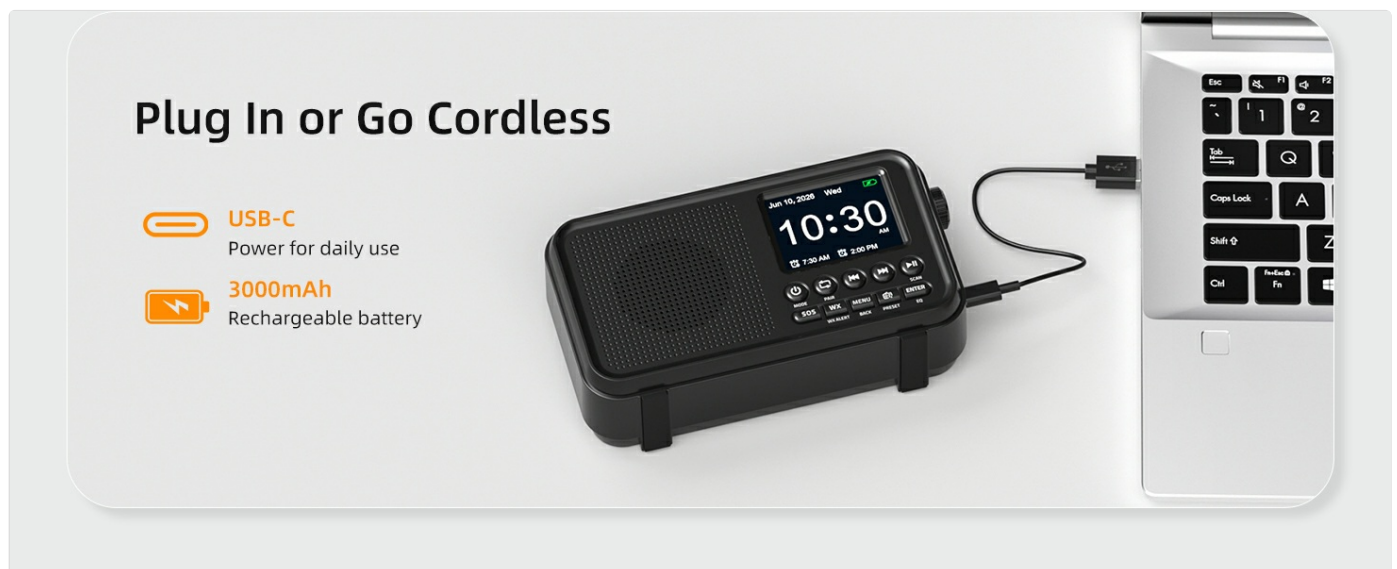


Image: Mesqool radio charging via USB-C.

5.2 Power On/Off

Press and hold the **Volume Knob** for approximately 2 seconds to power the radio on or off.

5.3 Antenna Extension

For optimal FM and NOAA Weather reception, fully extend the telescopic antenna.

5.4 Language Setting

Upon first power-on, you may be prompted to select a language. Navigate using the Previous/Next buttons and confirm with **ENTER**. Supported languages include English, Spanish, and French. To change later, go to **MENU** > System Settings > Language.

6. OPERATING INSTRUCTIONS

6.1 FM Radio Operation

1. 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. Up to 40 stations can be saved.
3. **Manual Tuning:** Use the **Previous/Next Track** buttons to fine-tune the frequency.
4. **Access Presets:** Press the **PRESET** button, then use **Previous/Next Track** 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: Mespool radio displaying FM radio mode and EQ options.

6.2 NOAA Weather Band (WB)

1. Press the **WX** button to directly enter NOAA Weather Band mode.
2. The radio will automatically scan for the strongest NOAA weather channel.
3. The display will show the channel number and frequency (e.g., NOAA CH 5, 162.500 MHz).
4. The radio will monitor for weather alerts. Ensure the antenna is fully extended for best reception.



Image: Mesqool radio displaying NOAA Weather Band information.

6.3 Bluetooth Mode

1. Press the **MODE** button until "Bluetooth" is displayed. The radio will enter pairing mode, indicated by a blinking Bluetooth icon.
2. On your smartphone, tablet, or laptop, enable Bluetooth and search for available devices.
3. Select "Mesqool CR1031" (or similar name) from the list to pair.

4. Once paired, the Bluetooth icon will become solid, and you can stream audio to the radio.
5. Use the **Play/Pause** and **Previous/Next Track** buttons on the radio to control playback.



Bluetooth Audio Streaming

Play audio from your phone, tablet, or laptop



Image: Mesqool radio connected to a smartphone via Bluetooth.

6.4 MicroSD Playback

1. Insert a microSD card (up to 64GB, not included) into the microSD card slot on the side panel.
2. Press the **MODE** button until "MicroSD" is displayed. The radio will automatically begin playing audio files from the card.
3. Use the **Play/Pause** and **Previous/Next Track** buttons to control playback.



Play Your Own Music

microSD Card Playback up to 64GB

microSD card not included



Image: Mesqool radio in microSD playback mode.

6.5 Dual Alarms

1. Press the **MENU** button, then navigate to "Alarm Settings" and press **ENTER**.
2. Select "Alarm 1" or "Alarm 2" and press **ENTER**.
3. Set the desired time, alarm frequency (daily, weekdays, weekends, once), and wake-up source (FM radio or buzzer).
4. Confirm settings with **ENTER**. The alarm icon will appear on the display.
5. When the alarm sounds, press any button (except SOS) to activate snooze, or press and hold the **Volume Knob** to turn off the alarm.

Compact & Portable



Image: Mesqool radio displaying dual alarm settings.

6.6 Sleep Timer

1. Press the **MENU** button, then navigate to "Sleep Timer" and press **ENTER**.
2. Select the desired duration (15, 30, 45, 60, 90, or 120 minutes) and press **ENTER**.
3. The radio will automatically turn off after the set time.

Fall Asleep to Your Favorite Radio

Sleep Timer: 15–120 Minutes

15 Min

30 Min

45 Min

60 Min

90 Min

120 Min



Image: Mesqool radio with sleep timer function.

6.7 EQ Modes

In FM, Bluetooth, or MicroSD mode, press the **EQ** button repeatedly to cycle through the 6 available equalizer modes: Normal, Pop, Classic, Rock, Jazz, and Bass. Select the mode that best suits your audio preference.

6.8 Headphone Use

Insert a standard 3.5mm headphone jack into the headphone port on the side of the radio for private listening. The internal speaker will automatically mute.

7. MAINTENANCE

7.1 Cleaning

Wipe the radio with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as they may damage the surface or internal components.

7.2 Storage

When not in use for extended periods, store the radio in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the battery is partially charged (around 50%) before storage to prolong its lifespan.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Low battery; Power button not pressed correctly.	Charge the radio using the USB-C cable. Press and hold the Volume Knob for 2 seconds.
Poor FM/NOAA reception.	Antenna not extended; Weak signal area.	Fully extend the telescopic antenna. Reposition the radio for better signal.

Problem	Possible Cause	Solution
Bluetooth not connecting.	Radio not in pairing mode; Device too far; Already connected to another device.	Ensure radio is in Bluetooth pairing mode. Keep devices within 10 meters. Disconnect from other devices.
No sound from MicroSD.	MicroSD card not inserted correctly; Unsupported file format; Corrupted files.	Reinsert the microSD card. Ensure audio files are in a supported format (e.g., MP3). Try a different microSD card.
Display is blank or frozen.	System error.	Use a thin object (like a paperclip) to press the RESET hole on the side panel.

9. SPECIFICATIONS

Feature	Detail
Brand	Mesqool
Model Number	CR1031
Color	Black
Product Dimensions (L x W x H)	6.65" x 1.85" x 3.62"
Item Weight	12.32 ounces
Tuner Technology	FM / Weather Band (NOAA)
FM Frequency Range	87.5-108 MHz
NOAA WB Frequency	162.400-162.550 MHz
Connectivity Technology	Bluetooth 5.0, USB-C
Power Source	Corded Electric, Battery Powered
Battery	3000mAh Rechargeable (included)
Speaker Output	8W
Display Type	Color Display
MicroSD Support	Up to 64GB (card not included)
Included Components	Owner's Manual, Power Adapter

10. WARRANTY AND SUPPORT

10.1 Warranty Information

This Mesqool product is covered by a **2-Year Replacement/Refund Warranty** for any quality problems. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

If you encounter any issues or have questions regarding your Mesqool FM Radio, please contact our customer support team. Refer to the contact information provided on the Mesqool official website or your purchase documentation.

For further assistance, you may visit the Mesqool Store online:[Mesqool Store](#)

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