Mesqool MS-CR01F

Mesqool Ultra-Clear Digital Alarm Clock
MODEL: MS-CR01F USER MANUAL

Your guide to effortless time management and projection.

Introduction

Thank you for choosing the Mesqool Ultra-Clear Digital Alarm Clock. This device combines a large LED display with a unique time projection feature, dual alarms, and a convenient USB charging port, designed to enhance your daily routine. This manual provides comprehensive instructions for setup, operation, maintenance, and troubleshooting to ensure you get the most out of your new alarm clock.

The Mesqool Ultra-Clear Digital Alarm Clock, featuring its large display, time projection, and USB charging capability.

Setup

1. **Unpacking:** Carefully remove all components from the packaging. Ensure you have the alarm clock unit and the AC power adapter.

2. **Power Connection:**

   Connect the provided AC power adapter to the DC IN port on the back of the alarm clock. Plug the adapter into a standard wall outlet. The display will light up.

3. **Battery Backup Installation:**

   For battery backup, open the battery compartment on the bottom of the unit. Insert two (2) AAA batteries (not included), observing the correct polarity (+/-). These batteries will preserve your time and alarm settings during a power outage and can trigger the alarm, but will not power the display.

Insert two AAA batteries into the designated compartment for backup functionality.

4. **Initial Time Setting:**

   Upon first power-up, the clock may display a default time. Refer to the "Setting Time" section under Operating Instructions to set the current time.

Operating Instructions

Setting Time (12/24H Format)

1. Press and hold the **"SET TIME"** button until the hour digits flash.

2. Use the **"HOUR"** and **"MINUTE"** buttons to adjust the time.

3. Press **"SET TIME"** again to confirm and move to the next setting.

4. To switch between 12-hour and 24-hour format, press the **"12/24H"** button during time setting or normal operation.
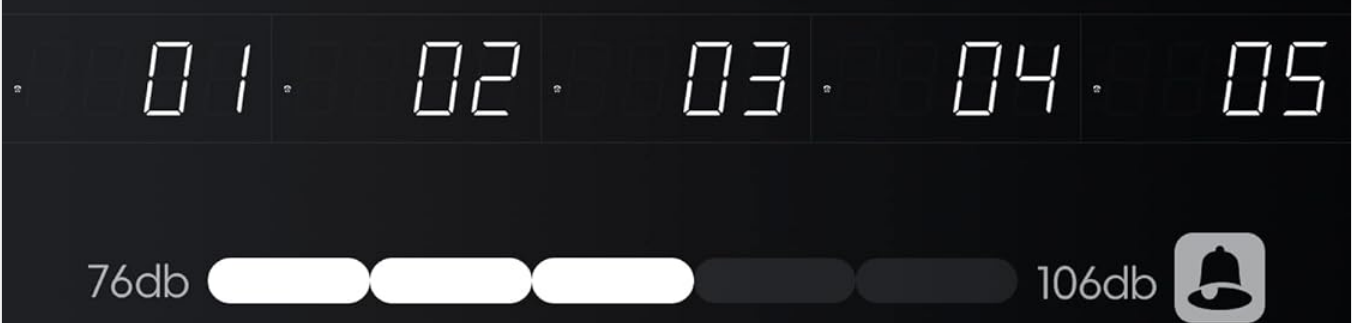
Setting Dual Alarms

The clock features two independent alarms (ALARM1 and ALARM2).

1. Press and hold either **"ALARM1"** or **"ALARM2"** button until the alarm time digits flash.

2. Use the **"HOUR"** and **"MINUTE"** buttons to set the desired alarm time.

3. Press the respective alarm button again to confirm.

4. To activate/deactivate an alarm, short press the **"ALARM1"** or **"ALARM2"** button. An indicator icon will appear/disappear on the display.

5. **Adjusting Alarm Volume:** During an active alarm, press the **"VOL-"** or **"VOL+"** buttons to adjust the alarm volume. There are multiple levels of volume adjustment.

The alarm volume can be adjusted to your preferred level, from quiet to loud.

Snooze Function

When the alarm sounds, press the large **"SNOOZE/OK"** button on top of the clock to temporarily silence the alarm for 9 minutes. The alarm will sound again after the snooze period.

Mesqool

9 Mins Snooze

SNOOZE/OK

Dual alarm clock

18:30

Activate the 9-minute snooze function by pressing the large SNOOZE/OK button.

Time Projection Features

The Mesqool alarm clock can project the time onto your wall or ceiling.

- **Projection Angle:** The projector lens can be rotated 180 degrees to adjust the projection angle.

- **Focus Adjustment:** Rotate the focus ring on the projector to achieve a clear and sharp projection image.
- **Projection Reversal:** If the projected time appears upside down, press the **"FLIP"** button (or similar, refer to specific button on your model) to reverse the projection 180 degrees.
- **Projection Brightness:** The projection brightness can be adjusted. Locate the **"PROJECTION DIMMER"** switch or button on the side of the projector. There are 5 levels of brightness.

Adjust the projection angle, focus, and flip the image for optimal viewing.

Select from 5 levels of projection brightness to suit your environment.

The projection dimmer switch is located on the side of the projector.

Display Dimmer

The main LED display has 5 levels of brightness. Press the **"DIMMER"** button (or similar, refer to specific button on your model) repeatedly to cycle through the brightness levels, from brightest to off.

The large LED display offers clear visibility and adjustable brightness.

USB Charging Port

A USB charging port is located on the back of the unit. Connect your smartphone or other USB-powered devices to this port for convenient charging. This port is for charging only and does not support data transfer.

Utilize the integrated USB port to conveniently charge your devices.

Daylight Saving Time (DST)

Press the **"DST"** button to activate or deactivate Daylight Saving Time. The clock will automatically adjust by one hour forward or backward.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the surface of the alarm clock. Do not use abrasive cleaners or solvents, as they may damage the finish.
- **Battery Replacement:** Replace the AAA backup batteries annually or when the battery indicator (if present) suggests low power. Ensure the clock is powered by the AC adapter when replacing batteries to avoid losing settings.
- **General Care:** Avoid placing the clock in direct sunlight, near heat sources, or in areas with high humidity. Do not expose the unit to water or other liquids.

Troubleshooting

Problem	Possible Cause	Solution
Display is blank.	No power, or power adapter is disconnected.	Ensure the AC power adapter is securely plugged into the clock and a working wall outlet. Check the power source.
Alarm does not sound.	Alarm is not activated, or volume is too low.	Verify the alarm indicator is on. Increase the alarm volume using the VOL+ button.
Projection is blurry or unclear.	Projection focus is not adjusted.	Rotate the focus ring on the projector until the image is sharp. Ensure the projection distance is within 1.5-3 meters.
Projected time is upside down.	Projection orientation needs adjustment.	Press the "FLIP" button to reverse the projected image 180 degrees.
USB charging not working.	Device not compatible or cable issue.	Ensure your device is compatible with USB charging. Try a different USB cable. Confirm the clock is powered by AC.

Specifications

- **Model:** MS-CR01F
- **Display Type:** LED
- **Power Source:** AC Adapter (included)
- **Battery Backup:** 2 x AAA batteries (not included)
- **Wattage:** 10 watts
- **Dimensions:** 20.32 x 3.81 x 9.14 cm (8 x 1.5 x 3.6 inches)
- **Weight:** 240 g (0.53 lbs)
- **Projection Distance:** Optimal 1.5 - 3 meters (5 - 10 feet)
- **Special Features:** Time Projection, USB Charging Port, Dual Alarms, Snooze, DST, 12/24H Modes, 5-Level Display Dimmer, Adjustable Alarm Volume.

Warranty and Support

Mesqool products are designed and manufactured to the highest quality standards. For any questions, technical support, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official Mesqool website. Please retain your proof of purchase for warranty claims.

For more information, visit the Mesqool Store on Amazon.