Mesqool MEU-CR1001F

Mesqool Projection Alarm Clock MEU-CR1001F User Manual

Model: MEU-CR1001F | Brand: Mesqool

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Mesqool Projection Alarm Clock, model MEU-CR1001F. Please read this guide thoroughly to ensure proper use and to maximize the features of your device.

PRODUCT OVERVIEW

The Mesqool Projection Alarm Clock features a large LED display, a 180° rotatable projection, adjustable brightness, dual alarms with snooze, and a USB charging port. It is designed for clear time display and convenient functionality.

Figure 1: Front view of the Mesqool Projection Alarm Clock, highlighting its large LED display and compact dimensions.

Key Features:

- **180° Rotatable Projection:** Projects time onto a wall or ceiling with adjustable focus.
- **Large LED Display:** Clear time visibility, especially for elderly users.
- **5-Level Brightness Dimmer:** Adjust display intensity for comfort.
- **Dual Alarms:** Set two separate alarms with adjustable volume (levels 1-5).
- **9-Minute Snooze Function:** Provides extra sleep time.
- **USB Charging Port:** Conveniently charge smartphones and tablets.
- **Battery Backup:** Maintains time and alarm settings during power outages (requires 2 AAA batteries, not included).
- **DST Function:** Easily adjust for Daylight Saving Time.

SETUP

1. **Power Connection:** Connect the alarm clock to an AC power outlet using the provided power adapter. The clock requires AC power for full functionality.

2. **Battery Backup Installation:** Open the battery compartment on the back of the unit. Insert 2 AAA batteries (not included), ensuring correct polarity (+/-). These batteries will preserve time and alarm settings in case of a power interruption.

Figure 2: Rear view of the alarm clock, illustrating the AAA battery backup compartment.

3. **Initial Power On:** Upon connecting to AC power, the display will illuminate.

OPERATING INSTRUCTIONS

1. Setting the Time (12/24H Format)

- Press and hold the "SET TIME" button. The hour digits will flash.
- Use the "HOUR" and "MIN" buttons to adjust the hour and minute respectively.
- Press "SET TIME" again to confirm.
- To switch between 12-hour and 24-hour format, press the "12/24H" button. In 12-hour mode, "AM" or "PM" indicators will be displayed.

2. Setting Alarms (Alarm 1 & Alarm 2)
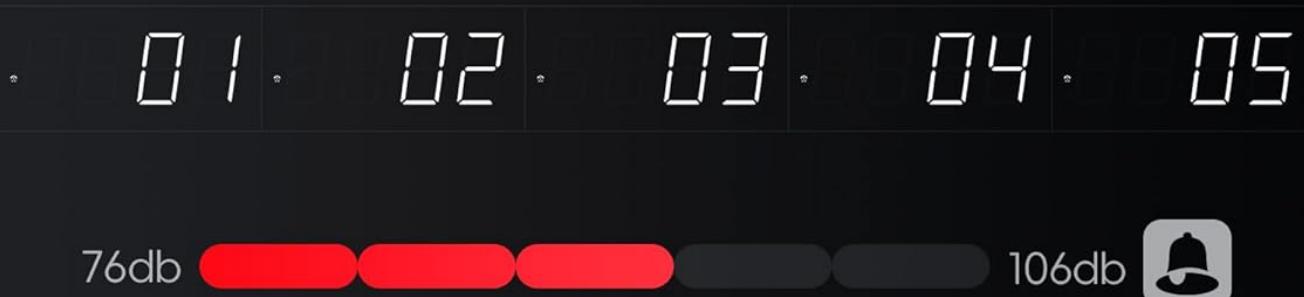
Figure 3: Side view of the alarm clock, illustrating the adjustable alarm volume feature.

- Press and hold the "ALARM1" or "ALARM2" button. The alarm hour digits will flash.
- Use the "HOUR" and "MIN" buttons to set the desired alarm time.
- Press "ALARM1" or "ALARM2" again to confirm the time.
- To activate/deactivate an alarm, press the "ALARM1" or "ALARM2" button briefly. An alarm icon will appear/disappear on the display.

- To adjust alarm volume (levels 1-5), use the "VOL-" or "VOL+" buttons located on the side of the unit. The alarm sound will gradually increase in volume.

3. Snooze Function

Figure 4: Top view of the alarm clock, highlighting the SNOOZE/OK button for easy access.

- When an alarm sounds, press the large "SNOOZE/OK" button on top of the clock. The alarm will pause for 9 minutes

and then sound again.

- To turn off the alarm completely, press and hold the "ALARM1" or "ALARM2" button corresponding to the active alarm.

4. Projection Settings
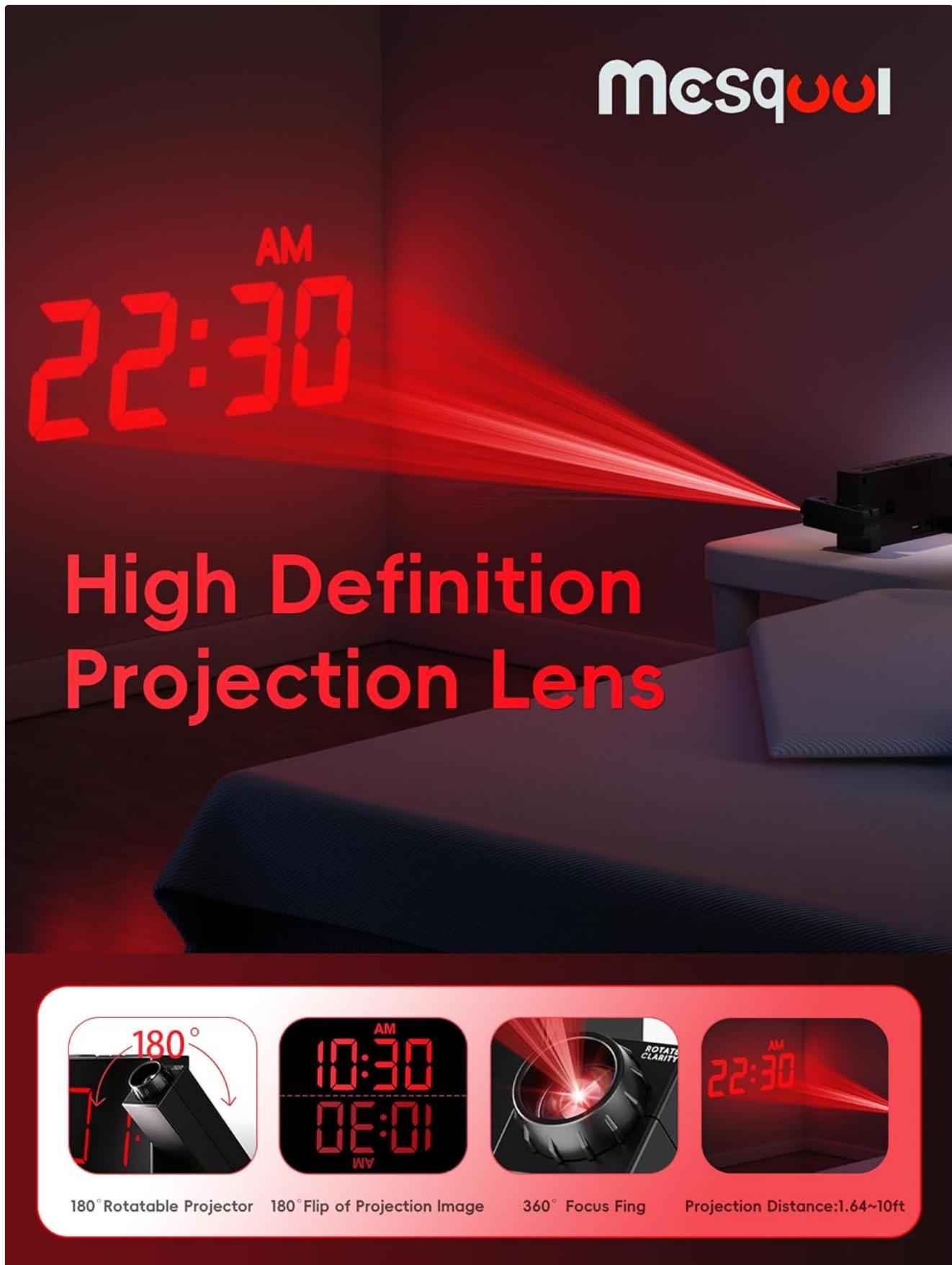
Figure 5: Illustration of the projection feature, demonstrating the rotatable projector and focus adjustment.

- **Activate/Deactivate Projection:** Press the "PROJECTION" button to turn the time projection on or off.

- **Rotate Projection:** The projector lens can be rotated 180° to adjust the projection angle on your wall or ceiling.

- **Adjust Focus:** Rotate the focus ring on the projector lens to achieve a clear projection image. Optimal projection distance is 0.5 to 3 meters (1.64 to 10 feet).

- **Invert Projection:** Press the "PROJECTION MODE" button to invert the orientation of the projected image if it appears upside down.

5. Display Brightness

Figure 6: Visual representation of the 5-level brightness adjustment for the main LED display.

- Press the "DIMMER" button repeatedly to cycle through 5 levels of LED display brightness. Select the level that is most comfortable for your environment.

6. USB Charging Port
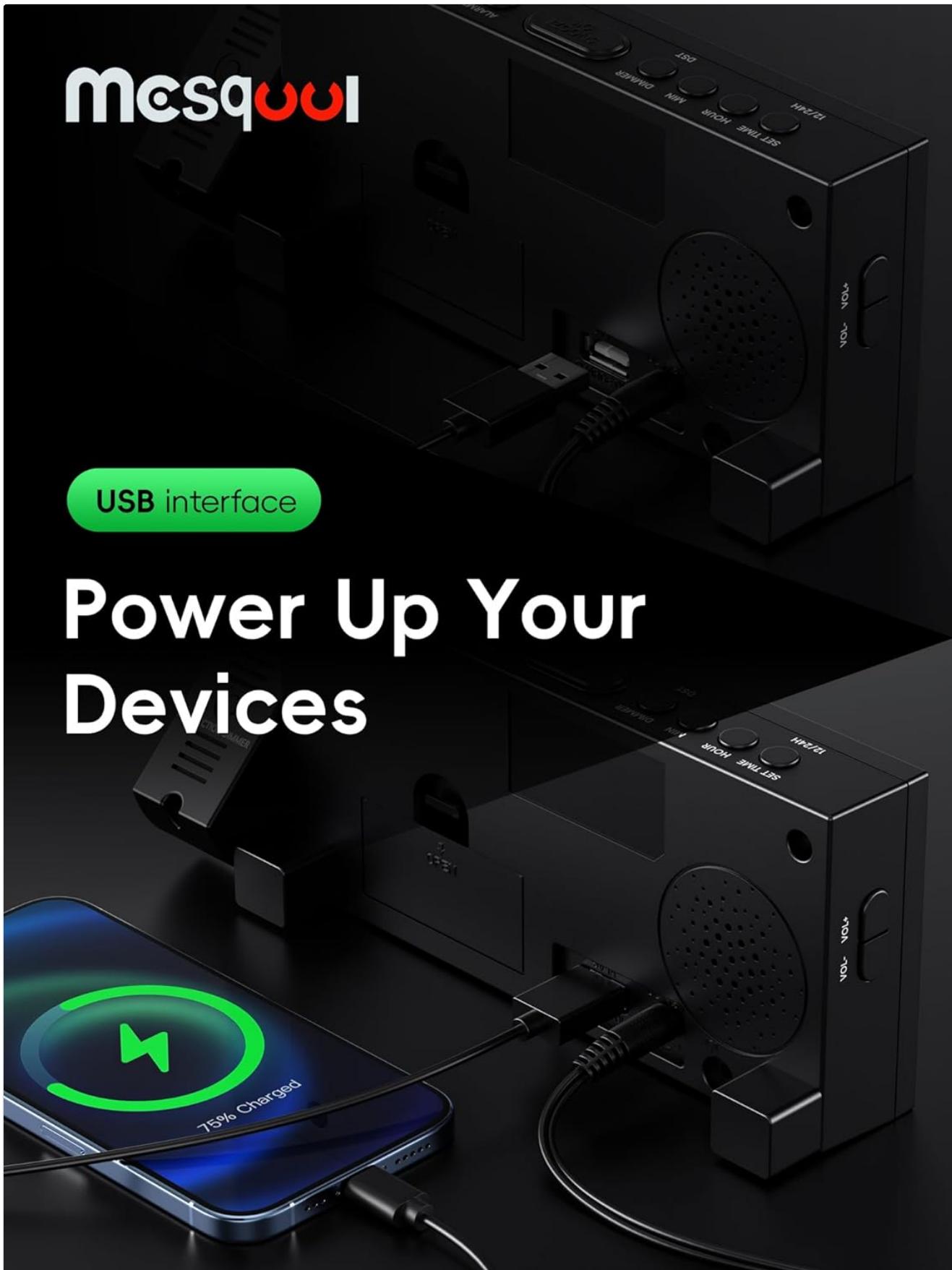
Figure 7: Side view of the alarm clock, illustrating the USB charging interface in use.

- The USB output interface on the side of the clock allows you to charge compatible devices such as smartphones and tablets. Connect your device's USB charging cable to this port.

7. Daylight Saving Time (DST) Function

- Press the "DST" button on the top of the clock to activate or deactivate the Daylight Saving Time function. This will

adjust the time by one hour forward or backward.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the clock. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace the AAA backup batteries annually or when the battery indicator (if present) suggests low power, to ensure settings are retained during power outages.
- **Storage:** If storing the clock for an extended period, remove the AAA batteries to prevent leakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or not working.	No AC power; power adapter not connected properly.	Ensure the power adapter is securely plugged into the clock and a working AC outlet.
Alarm does not sound.	Alarm is not activated; alarm volume is too low.	Verify the alarm icon is displayed. Adjust the alarm volume using the VOL+ button.
Projection is blurry.	Projection focus is not adjusted; projection distance is too far/close.	Rotate the focus ring on the projector lens. Ensure the clock is within the optimal projection distance (0.5-3m).
Projected image is upside down.	Projection orientation needs adjustment.	Press the "PROJECTION MODE" button to invert the image.
Time/settings reset after power outage.	AAA backup batteries are not installed or are depleted.	Install fresh AAA batteries or replace existing ones.

SPECIFICATIONS

Brand	Mesqool
Model Number	MEU-CR1001F
Color	Red
Dimensions (L x W x H)	20.3 x 3.81 x 9.1 cm (8 x 1.5 x 3.6 inches)
Weight	370 grams (0.82 lbs)
Display Type	Digital LED
Power Source	Corded Electric (AC)
Backup Power	2 x AAA Batteries (not included)
Special Features	Loud Alarm, Projection Clock, Adjustable Brightness, USB Charging Station, Adjustable Volume

WARRANTY AND SUPPORT

For any questions, concerns, or support needs regarding your Mesqool Projection Alarm Clock, please contact our customer support team via email. Refer to your product packaging or purchase documentation for specific contact details.