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Mesqool CR1001i

Mesqool Projection Alarm Clock User Manual

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Mesqool Projection Alarm Clock. Designed for heavy sleepers and those with hearing impairment, this clock offers a powerful bed shaker, adjustable projection, a large LED display with dimmer, and convenient USB charging.



Figure 1: Mesqool Projection Alarm Clock with included bed shaker.

PRODUCT OVERVIEW

The Mesqool Projection Alarm Clock is engineered to provide a reliable and customizable wake-up experience. Its core features include:

- **Powerful Bed Shaker & Loud Alarm:** Choose between a strong vibration, a loud buzzer, or a combination of both, ideal for heavy sleepers or individuals with hearing difficulties. The wired bed shaker is 1.8m long for flexible placement.
- **Adjustable Projection:** Project the time onto your wall or ceiling with a 180-degree rotatable projector. Adjust clarity with the focus dial and flip the projection image for optimal viewing.
- **Large LED Display with Dimmer:** A 7-inch LED screen provides clear time visibility from across the room. Three dimming levels ensure the display brightness can be adjusted to your comfort, preventing sleep disturbance.
- **USB Charging Port:** Conveniently charge your smartphone, tablet, or other digital devices directly from the clock.
- **Battery Backup:** Two AAA 1.5V batteries (not included) preserve time and alarm settings during power outages, ensuring you don't need to reset the clock.
- **DST & 12/24H Format:** Easily activate Daylight Saving Time and switch between 12-hour and 24-hour time formats.

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Large LED Display



Figure 2: The clock features a large LED display for easy readability.

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AM
22:30

High Definition Projection Lens



180° Rotatable Projector



180° Flip of Projection Image



360° Focus Ring



Projection Distance: 1.64~10ft

Figure 3: The high-definition projection lens allows for clear time display on walls or ceilings.

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3 Wake Up Modes



Buzzer:
For General Needs



Powerful Bed Shaker
For Heavy Sleepers



Buzzer + Bed Shaker
For Hearing Loss



Figure 4: The alarm clock offers three distinct wake-up modes: buzzer, bed shaker, or both.

Video 1: An official demonstration of the loud alarm and bed shaker features of the Mesqool Projection Alarm Clock.

SETUP

1. **Power Connection:** Connect the provided 5V/2A power adapter to the DC IN port on the back of the alarm clock

and plug it into a standard electrical outlet.

2. **Battery Backup Installation:** Open the battery compartment on the back of the clock. Insert two AAA 1.5V batteries (not included), ensuring correct polarity. These batteries will maintain time and alarm settings during power interruptions.
3. **Set Time:** Press the 'SET TIME' button. Use the 'HOUR' and 'MIN' buttons to adjust the current time. Press 'SET TIME' again to confirm.
4. **12/24 Hour Format:** Press and hold the '12/24H' button to switch between 12-hour and 24-hour time display formats.
5. **Daylight Saving Time (DST):** Press and hold the 'DST' button to activate or deactivate the Daylight Saving Time function. This will add or subtract one hour from the displayed time.

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AAA Batteries Backup



Figure 5: Location of the AAA battery backup compartment on the alarm clock.

OPERATING INSTRUCTIONS

Setting Alarms

- The clock supports two independent alarms (ALARM1 and ALARM2).

- Press 'ALARM1' or 'ALARM2' button to enter alarm setting mode.
- Use 'HOUR' and 'MIN' buttons to set the desired alarm time.
- Press the respective 'ALARM' button again to confirm and activate the alarm.
- To turn off an alarm, press and hold the 'ALARM OFF' button.

Snooze Function

- When an alarm sounds, press the large 'SNOOZE/OK' button to activate the snooze function. The alarm will pause for 9 minutes and then sound again.

Projection Features

- **Activate/Deactivate Projection:** Press the 'PROJECTION ON/FLIP/OFF' button to turn the projection on or off.
- **Adjust Projection Angle:** The projector arm can be rotated 180 degrees to direct the time display onto your desired surface (wall or ceiling).
- **Flip Projection Image:** If the projected time appears upside down, short press the 'PROJECTION ON/FLIP/OFF' button to flip the image.
- **Adjust Clarity (Focus Dial):** Rotate the focus dial on the projector lens to achieve a clear and sharp projected image. The optimum projection distance is 4.9-9.8 feet.
- **Adjust Projection Brightness:** Press the 'PROJECTION DIMMER' button to cycle through 5 levels of projection brightness.



Figure 6: The projection brightness can be adjusted through 5 levels.

Display Brightness

- Press the 'DIMMER' button to adjust the brightness of the main LED display. There are 3 dimming levels available.

USB Charging Port

- Plug your device's USB charging cable into the USB charging port on the back of the alarm clock to charge your

device.

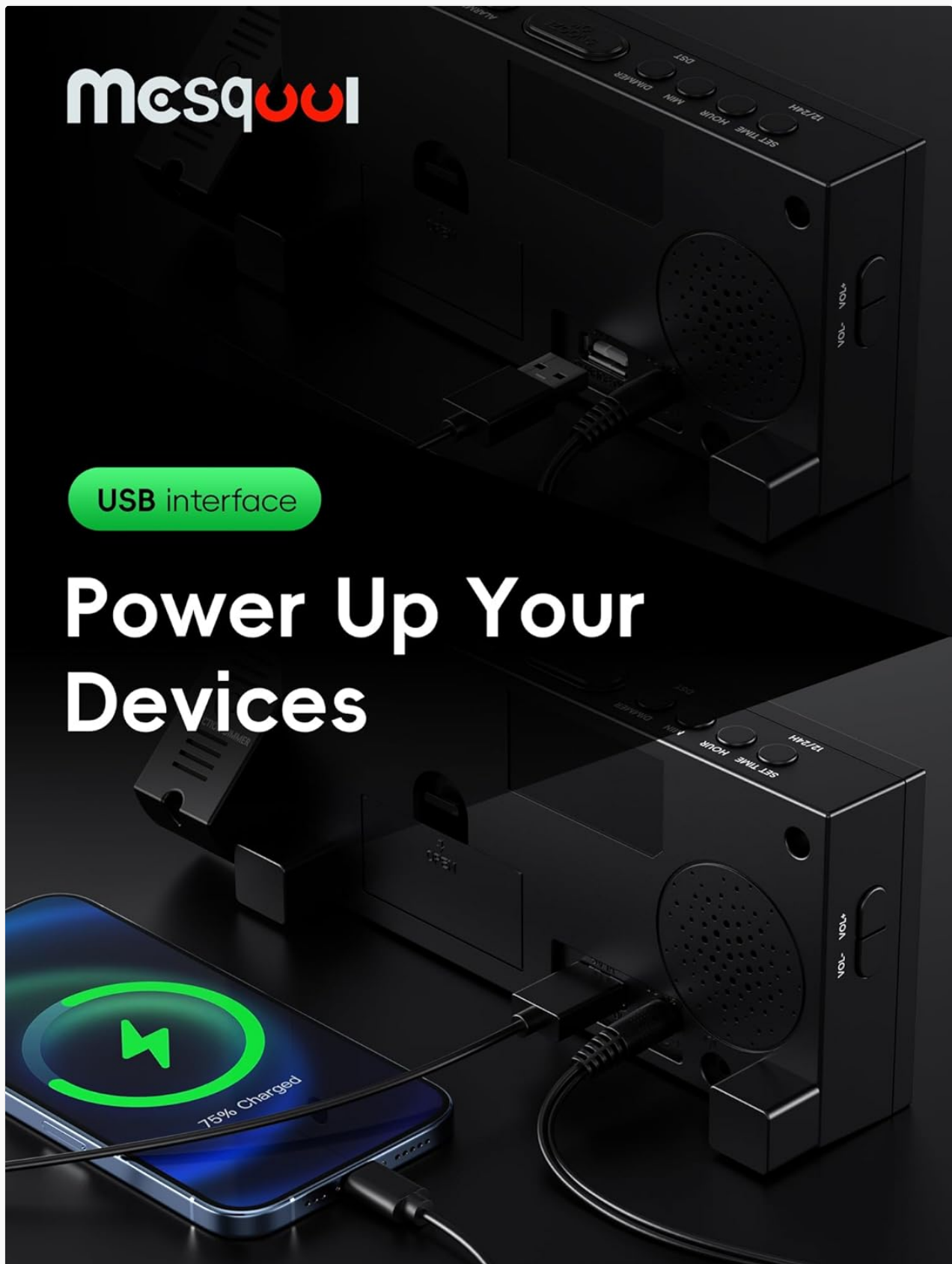


Figure 7: The integrated USB port allows for convenient charging of your devices.

Wake-Up Modes

- The alarm clock offers three wake-up modes:
- **Buzzer:** A traditional audible alarm sound.
- **Powerful Bed Shaker:** A strong vibration from the included bed shaker, ideal for heavy sleepers or the hearing

impaired.

- **Buzzer + Bed Shaker:** A combination of both audible alarm and vibration for maximum effectiveness.
- Select your preferred mode during alarm setup.



Figure 8: The alarm volume is adjustable to suit individual preferences.

MAINTENANCE

- **Cleaning:** To clean the clock, wipe the surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace the AAA backup batteries annually or when the battery indicator appears (if applicable) to ensure continuous timekeeping during power outages.
- **Storage:** If storing the clock for an extended period, remove the AAA batteries to prevent leakage.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Clock not powering on/displaying	Power adapter disconnected or faulty.	Ensure power adapter is securely plugged into the clock and outlet. Check outlet functionality.
Alarm not sounding	Alarm not activated, alarm volume too low, or incorrect alarm time set.	Verify alarm is set and activated (alarm icon visible). Increase alarm volume. Double-check alarm time.
Projected time is blurry	Projector focus needs adjustment or distance is too far/close.	Rotate the focus dial on the projector lens until the image is clear. Adjust the clock's distance from the projection surface.
Projected time is upside down	Projection image needs to be flipped.	Short press the 'PROJECTION ON/FLIP/OFF' button to flip the projected image.
Main display too bright/dim	Display brightness setting is not optimal.	Press the 'DIMMER' button to cycle through the display brightness levels.

SPECIFICATIONS

Feature	Detail
Brand	Mesqool
Model Number	CR1001i
Display Type	Digital LED
Product Dimensions	7.99"W x 3.58"H
Item Weight	8.5 ounces
Power Source	Corded Electric (5V/2A adapter included)
Battery Backup	2 AAA 1.5V batteries (not included)

Feature	Detail
Special Features	Adjustable Brightness, Dual Alarms, Adjustable Volume, Projection Clock, USB Charging Port, Bed Shaker
Material	Acrylonitrile Butadiene Styrene (ABS)

WARRANTY AND SUPPORT

Mesqool offers a **Lifetime Warranty** on this Projection Alarm Clock, ensuring long-term reliability and customer satisfaction.

For any product inquiries, technical support, or warranty claims, please contact the seller, Mestcool, directly through the Amazon platform or visit the official Mesqool Store for further assistance and resources.

Mesqool Store: <https://www.amazon.com/stores/Mesqool/page/52AFFD3F-8D3C-4999-8710-2E8714B70B39>