Mesqool CR1001F

Mesqool Projection Alarm Clock User Manual

Model: CR1001F

Brand: Mesqool

INTRODUCTION

Thank you for purchasing the Mesqool Projection Alarm Clock. This manual provides comprehensive instructions for setting up, operating, and maintaining your new alarm clock. Please read this manual carefully before use to ensure proper function and to maximize your experience with the product.

KEY FEATURES

- **180° Adjustable Projector:** Projects ultra-clear time onto a wall or ceiling with a 1.6-9.8ft (0.5-3m) optimum projection distance. Features a focus ring for clarity adjustment and a projection flip function.
- **Dual Alarms with Snooze:** Set two independent alarms with a large, easy-to-press snooze button for an extra 9 minutes of sleep.
- **Adjustable Alarm Volume:** Alarm volume (Level 1-5) can be adjusted from 76dB to 106dB, with a progressive increase to gently wake you.
- **7.5'' Large LED Display:** Super-clear time display visible across the room, with 5 levels of brightness dimmer to protect your eyes.
- **USB Charging Port:** Built-in 5V/1.0A USB output interface for convenient charging of mobile devices.
- **Battery Backup:** Requires 2 AAA batteries (not included) to retain time and alarm settings during power outages, ensuring alarms still trigger.
- **12/24H Time Format & DST:** Easily switch between 12-hour and 24-hour time formats and activate Daylight Saving Time (DST) with a dedicated button.
- **Easy-to-Set:** Simple and intuitive buttons for straightforward setup and operation.

PACKAGE CONTENTS

- Mesqool Projection Alarm Clock Unit
- 5V/2A Power Adapter
- User Manual

PRODUCT OVERVIEW

Front view of the Mesqool Projection Alarm Clock, showing the large LED display, the rotatable projector, and a phone connected to the USB charging port.

Detailed view of the adjustable projection feature, illustrating the 180° rotation, projection flip, and the focus ring for clarity adjustment.

7.5"LED Display with 5-Level Screen Brightness
Adjust according to personal day and night needs

L1 L2 L3 L4 L5

12/24H Time Format & DST

10:30	22:30	23:30
12H	**24H**	**DST**

Illustration of the 7.5-inch LED display with its 5-level brightness dimmer and options for 12-hour, 24-hour, and DST time formats.

Dual Alarms

Easy Snooze

9:00 🕐 🕐 10:00

5 level Volume (76db-106db)

L1   L2   L3   L4   L5

Depiction of the dual alarm functionality, the convenient snooze button, and the 5 adjustable alarm volume levels (76dB-106dB).

Rear view of the clock highlighting the battery backup compartment and the USB charging port for external devices.

A visual guide demonstrating the four steps to operate and adjust the projection feature, including rotation, flipping, focusing, and brightness adjustment.

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 the adapter into a standard electrical outlet (100-240V). The clock display will light up.

2. Battery Backup Installation

Open the battery compartment on the back of the clock. Insert 2 AAA batteries (not included) according to the polarity markings (+/-). These batteries serve as a backup to retain time and alarm settings during a power outage. The clock requires AC power for full functionality, including the display and projection.

3. Initial Time Setting

1. Press and hold the "SET TIME" button located on the top of the clock. The hour digits will begin to flash.
2. Use the "+" or "-" buttons to adjust the hour.
3. Press "SET TIME" again to confirm the hour and move to minute setting. The minute digits will flash.
4. Use the "+" or "-" buttons to adjust the minutes.
5. Press "SET TIME" one more time to save the time setting and exit.

4. 12/24H Time Format

To switch between 12-hour and 24-hour time formats, long press the "12/24H" button on the top of the clock. In 12-hour format, "AM" or "PM" indicators will be displayed.

5. Daylight Saving Time (DST)

To activate or deactivate the Daylight Saving Time (DST) function, simply press the "DST" button on the top of the clock. The time will adjust by one hour forward or backward accordingly.

OPERATING INSTRUCTIONS

1. Setting Alarms (Alarm 1 & Alarm 2)

1. Press and hold the "ALARM 1" or "ALARM 2" button (depending on which alarm you want to set). The hour digits for that alarm will flash.

2. Use the "+" or "-" buttons to adjust the alarm hour.

3. Press the respective alarm button again to confirm the hour and move to minute setting. The minute digits will flash.

4. Use the "+" or "-" buttons to adjust the alarm minutes.

5. Press the alarm button one more time to save the alarm setting. The alarm icon will appear on the display, indicating the alarm is active.

6. To turn an alarm ON or OFF, short press the corresponding "ALARM 1" or "ALARM 2" button. The alarm icon will appear or disappear.

2. Adjusting Alarm Volume

When an alarm is sounding, or during alarm setup, use the "V+" or "V-" buttons on the side of the clock to adjust the alarm volume from Level 1 (76dB) to Level 5 (106dB). The alarm sound will progressively increase in volume when it triggers.

3. Using the Snooze Function

When the alarm sounds, press the large "SNOOZE/OK" button on the top of the clock to temporarily silence the alarm for 9 minutes. The alarm will sound again after 9 minutes. To turn off the alarm completely, press any other button (e.g., ALARM ON/PAUSE) or let it ring for its full duration.

4. Projection Feature

1. **Activating/Deactivating Projection:** Press the "PROJECTION ON/FLIP/OFF" button on the top of the clock to turn the projection ON or OFF.

2. **Adjusting Projection Angle:** Manually rotate the projector lens unit up to 180° to direct the time display onto your desired surface (wall or ceiling).

3. **Flipping Projection:** If the projected time appears upside down, short press the "PROJECTION ON/FLIP/OFF" button to flip the orientation of the projected image.

4. **Adjusting Projection Clarity (Focus):** Rotate the focus ring around the projector lens to achieve a clear and sharp projected image.

5. **Adjusting Projection Brightness:** Press the "PROJECTION DIMMER" button repeatedly to cycle through 5 levels of projection brightness.

5. Display Brightness

Press the "DIMMER" button repeatedly to cycle through 5 levels of LED display brightness, allowing you to adjust it to your comfort level, especially at night.

6. USB Charging Port

The USB charging port (5V/1.0A output) on the back of the clock can be used to charge your mobile devices, such as smartphones and tablets. Simply connect your device's USB charging cable to this port.

MAINTENANCE

Cleaning

To clean the clock, gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents as they may damage the finish. Keep the projector lens clean for optimal clarity.

Battery Replacement

If the clock loses time or alarm settings during a power outage, it may be time to replace the AAA backup batteries. Ensure the clock is connected to AC power before replacing batteries to avoid losing current settings.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Clock display is off / No power.	Power adapter not connected or faulty.	Ensure the power adapter is securely plugged into the clock and a working electrical outlet. Check the outlet with another device.
Alarm does not sound.	Alarm not activated or set incorrectly.	Verify that the alarm is set and activated (alarm icon visible). Check the alarm time. Ensure volume is not set to minimum.
Projected time is blurry or unclear.	Projection focus needs adjustment.	Rotate the focus ring around the projector lens until the image is clear. Ensure projection distance is within 1.6-9.8ft.
Projected time is upside down.	Projection orientation needs flipping.	Short press the "PROJECTION ON/FLIP/OFF" button to flip the projected image.
Clock loses time during power outage.	Backup batteries are dead or not installed.	Install 2 new AAA batteries or replace existing ones.
USB charging port not working.	Device not compatible or cable faulty.	Ensure the clock is powered by AC. Try a different USB cable or device.

SPECIFICATIONS

Brand	Mesqool
Model Number	CR1001F
Display Type	Digital LED
Power Source	Corded Electric (AC 100-240V)
Battery Backup	2 x AAA batteries (not included)
USB Output	5V/1.0A
Projection Distance	1.6 - 9.8 ft (0.5 - 3 m)
Alarm Volume Range	76dB - 106dB (5 levels)
Product Dimensions	7.99"W x 3.58"H

Item Weight	8.5 ounces
Material	Acrylonitrile Butadiene Styrene (Plastic)

WARRANTY AND SUPPORT

Warranty Information

Mesqool provides an 18-month warranty for this product. This warranty covers manufacturing defects and issues arising from normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For any questions, concerns, or technical assistance regarding your Mesqool Projection Alarm Clock, please contact our customer support team. You can find our support email address in this User Manual or on the product packaging. We are committed to providing prompt and helpful assistance.