

ROCAM CR1024

ROCAM CR1024 Projection Alarm Clock User Manual

Model: CR1024 | Brand: ROCAM

1. INTRODUCTION

Thank you for choosing the ROCAM CR1024 Projection Alarm Clock. This device is designed to provide accurate timekeeping, dual alarm functions, temperature and humidity display, and a convenient time projection feature. Please read this manual thoroughly to ensure proper setup and operation of your new alarm clock.



Image: The ROCAM CR1024 Projection Alarm Clock in green, showcasing its digital display with current time, date, indoor temperature, and humidity. The time is also projected onto a surface, and a smartphone is connected for charging.

2. PRODUCT FEATURES

- **Multi-function Display:** Shows time, date, indoor temperature, and humidity.
- **Time Projection:** Projects the time onto a wall or ceiling with adjustable angle and brightness.
- **Dual Alarms:** Set two independent alarms with snooze function.
- **Adjustable Display Brightness:** 5 levels of brightness for the main display.
- **Dual USB Charging Ports:** Conveniently charge two external devices.
- **Warm Ambient Night Light:** Integrated night light for a calming atmosphere.
- **12/24 Hour Format:** Switch between 12-hour and 24-hour time display.

MULTI-FUNCTION PROJECTION ALARM CLOCK



Image: An infographic highlighting the key features of the alarm clock, such as time projection, dual alarms, calendar, temperature and humidity display, dual charging ports, snooze function, night light, and 12/24-hour format.

3. PACKAGE CONTENTS

Please check the package for the following items:

- ROCAM CR1024 Projection Alarm Clock
- AC Adapter
- USB Cable

- User Manual (this document)

4. SETUP

4.1 Power Connection

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

4.2 Backup Battery Installation

The clock requires 1 CR2032 battery (not included) for backup. This battery preserves time and alarm settings during a power outage.

1. Locate the battery compartment on the bottom of the clock.
2. Open the compartment cover.
3. Insert one CR2032 battery, ensuring the correct polarity (+/-).
4. Close the battery compartment cover securely.

5. OPERATING INSTRUCTIONS

5.1 Setting Time and Date

1. Press and hold the **TIME SET** button. The hour digit will flash.
2. Use the **+** or **-** buttons to adjust the hour.
3. Press **TIME SET** again to confirm the hour and move to minutes. Adjust with **+** or **-**.
4. Continue pressing **TIME SET** to cycle through year, month, and day settings, adjusting each with **+** or **-**.
5. Press **TIME SET** one last time to exit time/date setting mode.
6. To switch between 12/24-hour format, briefly press the **TIME SET** button when not in setting mode.

5.2 Setting Alarms (AL1 & AL2)

Dual Alarms with Snooze



Image: The alarm clock interface showing two distinct alarm settings (AL1 and AL2) with their respective activation days. This illustrates the dual alarm capability.

1. Press and hold the **AL1** button to set Alarm 1. The hour digit will flash.
2. Use **+** or **-** to adjust the hour, then press **AL1** to confirm and move to minutes.
3. Adjust minutes with **+** or **-**, then press **AL1** to select alarm sound (e.g., buzzer, radio).
4. Press **AL1** again to select alarm frequency (e.g., Mon-Fri, Mon-Sun, daily).
5. Press **AL1** one last time to save and exit.
6. Repeat the process using the **AL2** button for Alarm 2.

7. To activate/deactivate an alarm, briefly press the **AL1** or **AL2** button when not in setting mode. The alarm icon will appear/disappear on the display.

5.3 Snooze Function

When an alarm sounds, press the **SNOOZE/LIGHT** button to temporarily silence the alarm for 9 minutes. The alarm will sound again after the snooze period. To turn off the alarm completely, press any other button.

5.4 Adjusting Projection

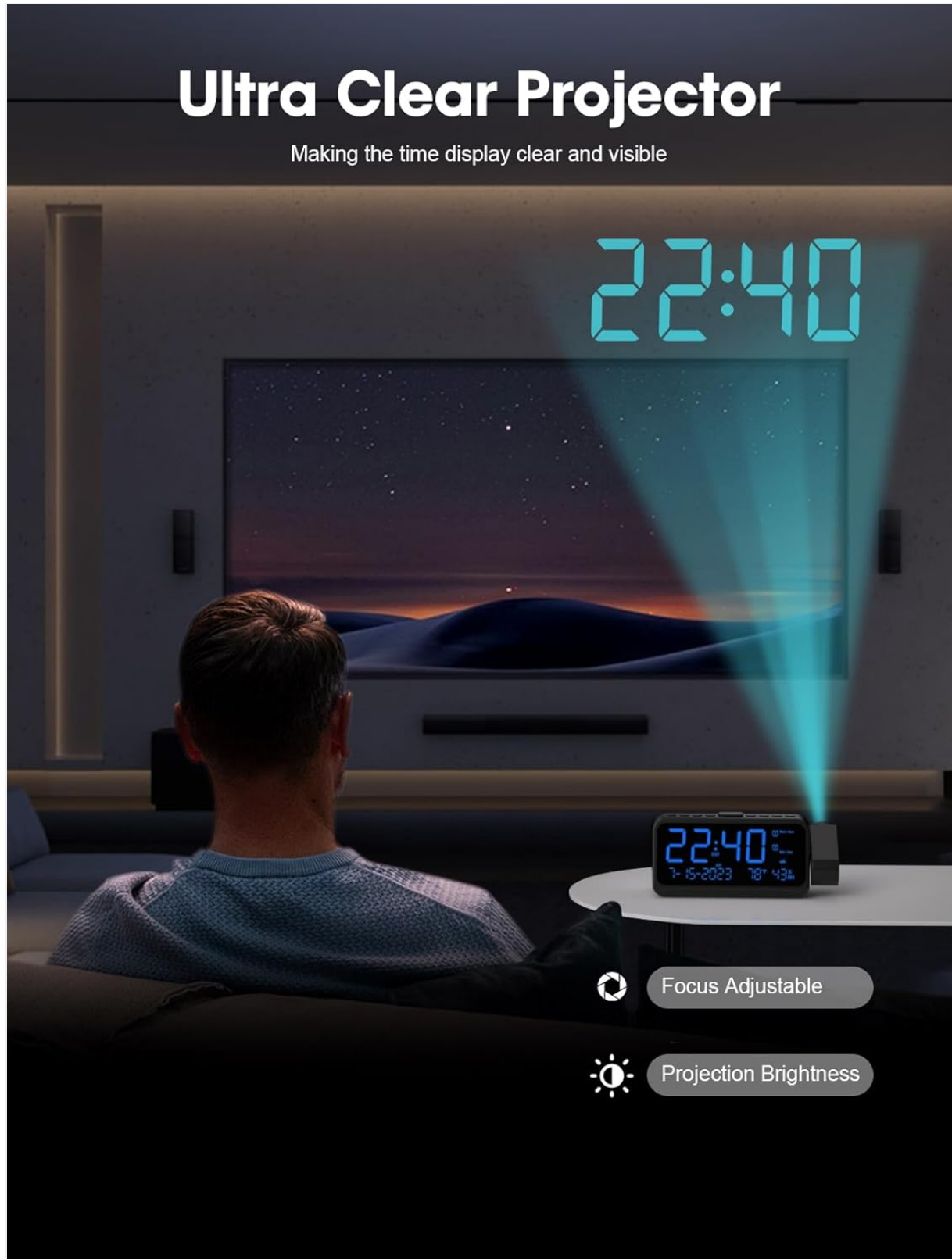


Image: The alarm clock projecting a clear time display onto a wall, demonstrating its ultra-clear projection capability.

Adjustable Projection Angle

Adapting to personal preferences and space layout



Image: The alarm clock projecting time onto a wall, illustrating its adjustable projection angle with a 350° rotatable projector and 180° flip function for optimal viewing.

- **Activate/Deactivate Projection:** Press the **PROJECTION** button to turn the projection on or off.
- **Adjust Projection Angle:** Manually rotate the projector lens up to 350 degrees to direct the time onto your desired surface (wall or ceiling).
- **Flip Projection:** Press the **PROJECTION** button repeatedly to flip the projected image 180 degrees for optimal viewing orientation.
- **Adjust Projection Brightness:** Use the dedicated projection brightness button (often integrated

with the projection button or a separate dial) to cycle through different brightness levels for the projected time.

- **Adjust Projection Focus:** Rotate the focus ring around the projector lens to sharpen the projected image.

5.5 Display Brightness Control



Image: The alarm clock on a nightstand, illustrating its 5-level brightness adjustment for the main display, allowing users to customize the light intensity for their sleeping environment.

Press the **DIMMER** button (or similar labeled button) repeatedly to cycle through 5 levels of display brightness, including an off mode for the main display.

5.6 Using Dual USB Charging Ports



Image: The alarm clock with two devices, a smartphone and wireless earbuds, simultaneously charging via its dual USB ports, demonstrating its charging capability.

The alarm clock features two USB ports on the side for charging external devices. Simply connect your device's USB charging cable to one of the ports. The clock must be powered by the AC adapter for the charging ports to function.

5.7 Night Light Function

Warm ambient night light

Creating a calming atmosphere



Image: The alarm clock emitting a warm, soft glow from its base, illustrating its ambient night light feature designed to create a calming atmosphere.

Press the **LIGHT** button (often integrated with SNOOZE) to turn the warm ambient night light on or off. Some models may offer multiple brightness levels for the night light.

6. MAINTENANCE

- **Cleaning:** Wipe the clock with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Placement:** Place the clock on a stable, flat surface away from direct sunlight, heat sources, and excessive moisture.

- **Battery Replacement:** Replace the CR2032 backup battery annually or if you notice settings are lost during power outages.

7. TROUBLESHOOTING

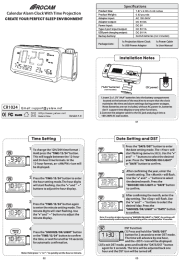
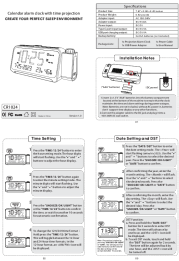
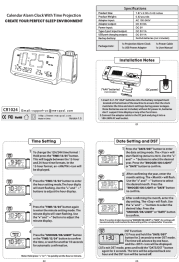
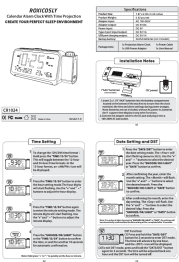
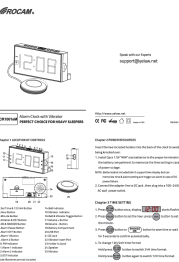
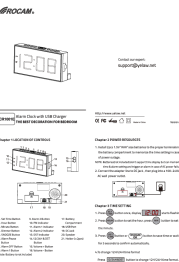
- **Clock not turning on:** Ensure the AC adapter is securely connected to both the clock and a working power outlet.
- **Display is dim or off:** Adjust the display brightness using the **DIMMER** button.
- **Alarm not sounding:** Check if the alarm is activated (alarm icon visible on display) and if the volume is set appropriately.
- **Projection is blurry:** Rotate the focus ring around the projector lens to sharpen the image.
- **Projection is upside down or sideways:** Press the **PROJECTION** button to flip the image orientation.
- **USB charging not working:** Ensure the clock is powered by the AC adapter. Check the USB cable and the connected device.
- **Settings lost after power outage:** The CR2032 backup battery may be dead or not installed. Replace or install the battery.

8. SPECIFICATIONS

Model Number	CR1024
Brand	ROCAM
Color	Green
Display Type	Digital
Power Source	Corded Electric
Backup Battery	1 x CR2032 (required, not included)
Product Dimensions	5.99 x 3.81 x 8.71 cm
Item Weight	0.23 Kilograms
Special Features	Adjustable Brightness, Calendar Display, Humidity Display, Projection Clock, Temperature Display

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact ROCAM customer service through their official website. Keep your purchase receipt as proof of purchase for any warranty claims.

	<p>ROCAM CR1024 Calendar Alarm Clock with Time Projection User Manual</p> <p>Comprehensive user manual for the ROCAM CR1024 Calendar Alarm Clock, detailing its features including time projection, alarm settings, date configuration, DST function, brightness control, temperature/humidity monitoring, night light, and device charging capabilities.</p>
	<p>CR1024 Projection Alarm Clock User Manual</p> <p>User manual for the CR1024 Projection Alarm Clock, detailing setup, time and date settings, alarm functions, projection features, brightness control, temperature/humidity display, and device charging capabilities.</p>
	<p>Mesqool CR1024 Projection Alarm Clock User Manual</p> <p>User guide for the Mesqool CR1024 Projection Alarm Clock, detailing time setting, date setting, DST function, alarm settings, brightness control, temperature/humidity display, night light, projection mode, and device charging.</p>
	<p>Roxicosly CR1024 Projection Alarm Clock User Manual</p> <p>User manual for the Roxicosly CR1024 projection alarm clock. Features include a large display, date, day, temperature, humidity, dual alarms, USB charging, snooze, and backlight. Projects time onto walls and ceilings.</p>
	<p>ROCAM CR1001eM Alarm Clock with Vibrator User Manual</p> <p>User manual for the ROCAM CR1001eM Alarm Clock with Vibrator, detailing its features, setup, and operation for heavy sleepers.</p>
	<p>ROCAM CR1001E Alarm Clock with USB Charger User Manual</p> <p>User manual for the ROCAM CR1001E digital alarm clock with USB charger. This guide details how to set time and alarms, adjust display brightness, use Daylight Saving Time (DST) features, and utilize the USB charging port. Includes information on power resources and control locations.</p>

Installation Notes

(AAA) batteries (not included)

(DC power)

1. Insert 2 x 1.5V AAA batteries into the battery compartment located at the bottom of the machine to ensure that the clock maintains the time and alarm settings during power outages. *Note: Batteries are not included, without AC power, no batteries don't support time display or any other functions.*
2. Connect the adapter cable to the DC jack and plug it into a 100-240V AC wall outlet.

Diagram showing the connection of a 3.3V battery to the DC power input of the module. The battery is labeled "(3.3V) battery" and the power input is labeled "DC power".

1. Insert 2 x 1.5V "AAA" batteries into the battery compartment located at the bottom of the machine to ensure that the clock maintains the time and alarm settings during power outages. Note: Batteries are not included, without AC power in, batteries don't support time display or any other functions.

- 1 To change the 12/24-hour time format: Hold press the "TIME/12/24" button. This will toggle between the 12-hour and 24-hour time formats. In the 12-hour format, an "AM/PM" icon will be displayed.
- 2 Press the "TIME/12/24" button to enter the hour setting mode. The hour digits will start flashing, and the "AM" or "PM" buttons to adjust the hour display.
- 3 Press the "TIME/12/24" button again to enter the minute setting mode. The minute digits will start flashing. Use the "Up" and "Down" buttons to adjust the minute display.
- 4 Press the "SNOOZE/ON/ALARM" button to set the "TIME/12/24" button to confirm the time, or wait for another 10 seconds for automatic confirmation.

- 1 Press the "DATE/SET" button to enter the date setting mode. The "YEAR" will start flashing (H0000000000). Use the "▲" and "▼" buttons to select the desired year. Press the "MODE/OFF LIGHT" or "DATE" button to confirm.
- 2 After confirming the year, enter the month setting. The character will start flashing (use the "▲" and "▼" buttons) to select the desired month. Press the "MODE/OFF LIGHT" or "DATE" button to confirm.
- 3 After confirming the month, enter the day setting. The "Days" will flash. Use the "▲" and "▼" buttons to select the desired day. Press the "MODE/OFF LIGHT" or "DATE" button to confirm.

Note: If you set a location for receiving "DATE" and "TIME" data, the corresponding "DATE" and "TIME" will be received from the radio station.

DIS Function

1 Press and hold the "DATE/SET" button for 2 seconds to enter DIS mode. The time will advance by one hour.

DIS Mode The "DIS" icon will be displayed on the LCD.

(20 to 45 DIS mode, press and hold the "DATE/SET" button again for 2 seconds but the hour and the DIS icon will be turned off.)

DST Function:

(1) Press and hold the "DATE/DST" button for 2 seconds to enter DST mode. The time will advance by one hour, and the «DST» icon will be displayed.

(2) To exit DST mode, press and hold the "DATE/DST" button again for 2 seconds. The time will be adjusted back one hour and the DST icon will be turned off.