ROCAM CR1024

ROCAM Projection Clock User Manual

Brand: ROCAM | Model: CR1024

1. INTRODUCTION

Thank you for choosing the ROCAM Projection Clock. This digital alarm clock is designed to enhance your daily routine with its versatile features, including a 180° rotatable projector, dual alarms with weekend/weekday modes, a 5-level dimmable LED display, and integrated temperature and humidity sensors. It also offers convenient USB and Type-C charging ports for your mobile devices and a warm ambient night light. This manual provides detailed instructions to help you set up and operate your new projection clock effectively.

2. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the clock to strong impacts.
- Do not disassemble or attempt to repair the device yourself. Refer to qualified service personnel.
- Keep the clock away from water or other liquids.
- Use only the provided power adapter or a compatible 5V/2A adapter.
- Ensure proper ventilation around the device.

3. PACKAGE CONTENTS

Please check the box for the following items:

- ROCAM Projection Alarm Clock
- USB Power Cable
- Power Adapter
- User Manual

Image 3.1: The box contents, including the projection alarm clock, USB cable, power adapter, and user manual.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your ROCAM Projection Clock.

Image 4.1: Overview of the clock's multifunctional design, highlighting its key features.

4.1 Front Display

- **Time Display:** Large LED digits for current time.
- **Date Display:** Month, Day, Year.

- **Temperature Display:** Indoor temperature in Celsius or Fahrenheit.

- **Humidity Display:** Indoor relative humidity.

- **Alarm Indicators:** Icons for Alarm 1 and Alarm 2 activation.

- **DST Indicator:** Daylight Saving Time indicator.

4.2 Top Buttons

- **DATE/C/F:** Press to view date, press and hold to switch between Celsius and Fahrenheit.

- **TIME/12/24:** Press to set time, press and hold to switch between 12-hour and 24-hour format.

- **+/-:** Adjust values during setting, or volume.

- **SNOOZE/OK/*:** Snooze alarm, confirm settings, adjust display brightness.

- **VOL:** Adjust alarm volume.

- **AL1/AL2:** Set Alarm 1 and Alarm 2.

- **DIM C/F:** Adjust display brightness.

4.3 Side Components

- **Projection Lens:** Projects time onto a surface.

- **Projection Focus Ring:** Adjusts clarity of projected image.

- **Projection Angle Adjustment:** Allows 350° rotation and 180° image flip.

- **USB-A Charging Port:** For charging external devices.

- **USB Type-C Charging Port:** For charging external devices.

- **Power Input Port:** Connects to the power adapter.

- **Night Light:** Located at the bottom, provides ambient lighting.

Image 4.2: The dual USB charging ports (Type-C and USB-A) located on the side of the clock.

5. SETUP

5.1 Power Connection

1. Connect the provided USB power cable to the power input port on the back of the clock.
2. Plug the other end of the USB cable into the power adapter.
3. Insert the power adapter into a standard wall outlet. The clock display will light up.

Image 5.1: The clock requires external power for operation, connected via the power adapter.

5.2 Battery Backup (Optional)

The clock supports 3 AAA batteries (not included) for backup power. This feature retains time and alarm settings during a power outage but does not power the display or projection.

1. Locate the battery compartment on the bottom of the clock.

2. Open the battery compartment cover.

3. Insert 3 AAA batteries, ensuring correct polarity (+/-).

4. Close the battery compartment cover securely.

Image 5.2: The battery backup compartment for 3 AAA batteries.

6. OPERATING INSTRUCTIONS

6.1 Setting Time and Date

1. Press and hold the **TIME**/**12/24** button to enter time setting mode. The hour digits will flash.

2. Use the **+/-** buttons to adjust the hour. Press **TIME**/**12/24** again to confirm and move to minutes.

3. Adjust minutes using **+/-**, then press **TIME**/**12/24** to confirm.

4. The year digits will flash. Use **+/-** to set the year, then press **DATE**/**C/F** to confirm and move to month.

5. Adjust month and day similarly, confirming each with **DATE**/**C/F**.

6. To switch between 12-hour and 24-hour format, press and hold the **TIME**/**12/24** button briefly (not long enough to enter setting mode).

7. To enable/disable Daylight Saving Time (DST), press the **DST** button.

6.2 Setting Alarms

The clock features two independent alarms (AL1 and AL2).
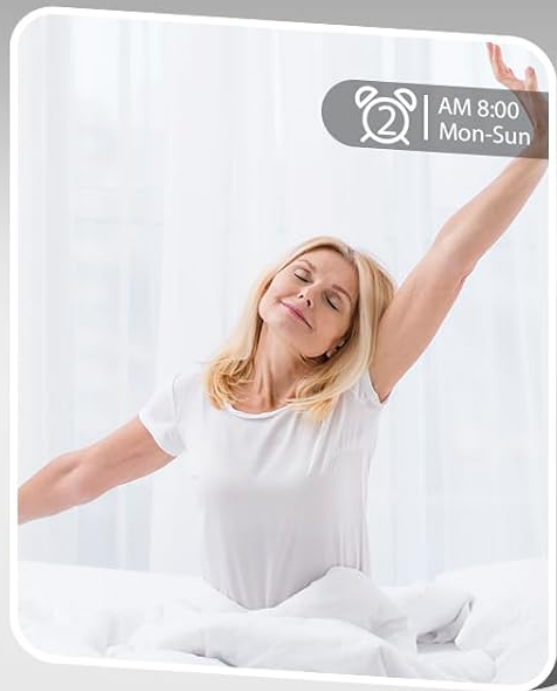
Dual Alarms with Snooze

Image 6.1: The clock supports dual alarms with customizable settings for different schedules.

1. Press the **AL1** or **AL2** button to select the alarm you wish to set. The alarm time will flash.

2. Use the **+/-** buttons to adjust the hour. Press the alarm button again to confirm and move to minutes.

3. Adjust minutes using **+/-**, then press the alarm button to confirm.

4. Select the alarm mode (Mon-Sun, Mon-Fri, Sat-Sun) using **+/-**, then press the alarm button to confirm.

5. To activate/deactivate an alarm, press the corresponding **AL1** or **AL2** button once. An alarm icon will appear/disappear on the display.

6.3 Snooze Function

When an alarm sounds, press the **SNOOZE**/**OK**/***** button to activate snooze. The alarm will pause for 9 minutes and then sound again.
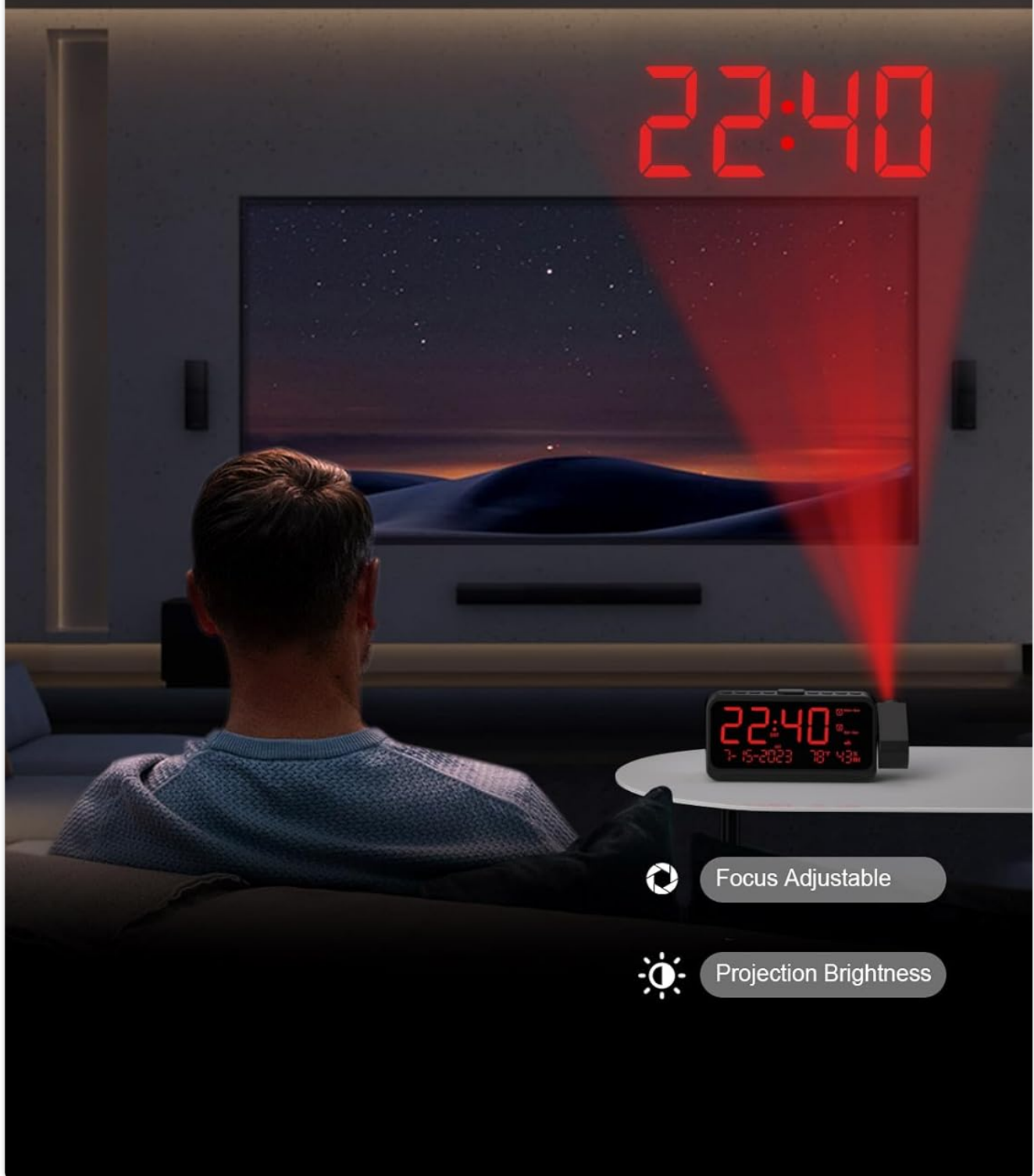
6.4 Adjusting Alarm Volume

Press the **VOL** button and use **+/-** to adjust the alarm volume to your preferred level (7 levels available).

6.5 Projection Settings

Image 6.2: The ultra-clear projector displays time clearly on walls or ceilings.

- **Adjusting Projection Angle:** The projector can rotate 350°. Manually adjust the projection arm to direct the time onto your desired surface (wall or ceiling).

- **180° Image Flip:** To flip the projected image 180° for optimal viewing, press the dedicated projection flip button (often located near the projector lens or a specific button on top).

- **Adjusting Focus:** Rotate the focus ring on the projection lens until the projected time appears clear and sharp.

- **Adjusting Projection Brightness:** The projection brightness can be adjusted through 5 levels. Use the dedicated projection brightness button (often located near the projector lens or a specific button on top) to cycle through brightness levels.

Image 6.3: The projector offers 350° rotation and 180° image reversal for flexible viewing.

6.6 Display Brightness

The main LED display has 5 levels of brightness. Press the **SNOOZE/OK/*** button or **DIM C/F** button to cycle through the brightness levels to suit your preference.

Image 6.4: Adjust the display brightness to create a personalized sleep environment.

6.7 Night Light

The clock features a warm ambient night light at its base. Press the dedicated night light button (if available, or a

combination of buttons) to turn it on/off or adjust its brightness (if applicable).

Image 6.5: The warm ambient night light creates a calming atmosphere.

6.8 Using USB Charging Ports

The clock is equipped with both USB-A and Type-C charging ports to conveniently charge your mobile devices.

1. Connect your device's charging cable to either the USB-A or Type-C port on the side of the clock.

2. Connect the other end of the cable to your mobile device.

3. Ensure the clock is powered on for charging functionality.

Image 6.6: Simultaneously charge two mobile devices using the integrated USB-A and Type-C ports.

7. MAINTENANCE

- **Cleaning:** Wipe the clock surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** If storing the clock for an extended period, remove the AAA backup batteries to prevent leakage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Clock display is off.	No power connection.	Ensure the power adapter is securely plugged into the clock and a working wall outlet.
Projection is blurry.	Focus not adjusted.	Rotate the focus ring on the projection lens until the image is clear.
Alarm does not sound.	Alarm not activated or volume too low.	Ensure the alarm icon is visible on the display. Adjust alarm volume using the VOL button.
Time/Date is incorrect.	Needs manual adjustment.	Follow instructions in Section 6.1 to set the correct time and date.
Devices not charging via USB ports.	Clock not powered or cable issue.	Ensure the clock is connected to main power. Check if the charging cable is functional and properly connected.

9. SPECIFICATIONS

Feature	Detail
Model Number	CR1024
Dimensions	7.87 inch x 2.36 inch x 3.43 inch
Display Type	Digital LED
Projection Angle	350° Rotatable, 180° Image Reversal
Display Brightness	5 Levels Adjustable
Alarm Quantity	Dual Alarms
Alarm Modes	Weekend/Weekday/All 7 Days
Snooze Duration	9 Minutes
Charging Ports	1x USB-A, 1x USB Type-C
Power Source	Corded Electric
Battery Backup	3 x AAA Batteries (not included)
Material	Plastic
Special Features	Adjustable Brightness, Calendar, Humidity Display, Projection, Temperature Display, Night Light

10. WARRANTY AND SUPPORT

ROCAM is committed to providing high-quality products and excellent customer service.

- **18-Month Replacement/Refund:** We offer an 18-month replacement or partial refund for product issues.

- **30-Day Return Policy:** Enjoy a 30-day no-reason return policy.

- **Lifetime Support:** We provide lifetime technical support and satisfactory solutions for our products.

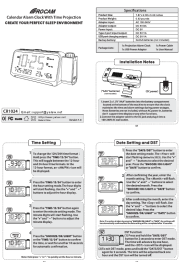- **Quick Response:** Expect a quick response to your inquiries via email within 24 hours.

For any questions or support needs, please contact ROCAM customer service.
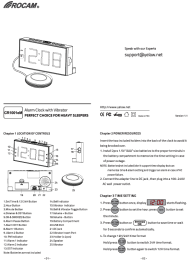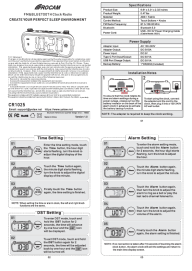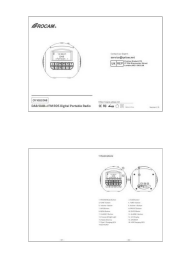
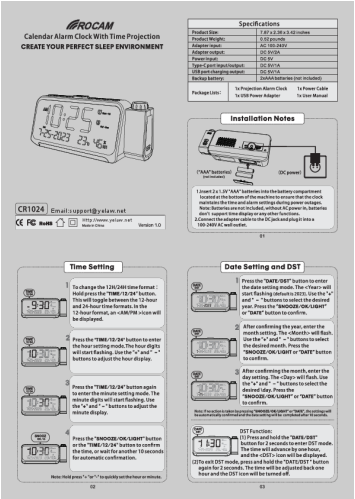Image 10.1: ROCAM's commitment to customer satisfaction and support.

Related Documents

[ROCAM CR1024 Calendar Alarm Clock with Time Projection User Manual](#)
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.

[ROCAM CR1001eM Alarm Clock with Vibrator User Manual](#)
User manual for the ROCAM CR1001eM Alarm Clock with Vibrator, detailing its features, setup, and operation for heavy sleepers.

[ROCAM CR1025 FM & Bluetooth Clock Radio User Manual](#)
Comprehensive user manual for the ROCAM CR1025 FM & Bluetooth Clock Radio, detailing setup, features like alarm, DST, Bluetooth connectivity, FM radio, and charging capabilities.

[ROCAM CR 1002 DAB/FM RDS Digital Portable Radio User Guide](#)
Comprehensive user guide for the ROCAM CR 1002 DAB/FM RDS Digital Portable Radio, detailing setup, operation, features, and settings for optimal listening experience.

Documents - ROCAM – CR1024

[ROCAM CR1024 Calendar Alarm Clock with Time Projection User Manual](#)
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