

XVCCN7RDUC7AVB44NV

LED Projection Alarm Clock

Model: XVCCN7RDUC7AVB44NV

User Manual

1. INTRODUCTION

Thank you for purchasing the Generic LED Projection Alarm Clock. This device combines a digital clock, alarm, temperature and humidity display, and a unique projection feature into a sleek mirror design. Please read this manual carefully to ensure proper use and to maximize the product's functionality.

2. SAFETY INFORMATION

- Keep the device away from water and high humidity environments.
- Avoid exposing the device to direct sunlight or extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. Contact qualified personnel for service.
- Use only the specified power adapter (5V DC) to prevent damage.
- Keep out of reach of children.

3. PACKAGE CONTENTS

- 1 x LED Digital Mirror Clock
- 1 x USB Power Cable
- 1 x User Manual

4. PRODUCT FEATURES

- **Digital Time Display:** Clear LED display for time.
- **Projection Function:** 180-degree rotating projector to display time on walls or ceilings, with 3 adjustable brightness settings and a projection distance of 2-5 meters.
- **Alarm Clock with Snooze:** Set alarms and utilize the snooze function for extra sleep.
- **Temperature and Humidity Display:** Real-time indoor temperature and humidity readings.
- **Adjustable Display Brightness:** 4 levels of display brightness, including an automatic dimming night mode (18:00 to 05:59).

- **Mirror Design:** The front display acts as a functional mirror.
- **USB Powered with Backup Battery:** Operates via USB power with a built-in backup battery to retain settings during power outages.
- **Versatile Placement:** Suitable for bedrooms, living rooms, and offices.



Figure 1: Overview of product features and dimensions.

5. SETUP

5.1 Power Connection

1. Connect the provided USB cable to the power port on the back of the alarm clock.
2. Plug the other end of the USB cable into a 5V DC USB power adapter (not included) or a USB port on a computer.
3. The display will light up, indicating the device is powered on. The built-in backup battery will automatically charge to maintain settings during power interruptions.

5.2 Attaching the Detachable Stand

The clock comes with a detachable stand for stable placement on flat surfaces. Align the stand with the slot at the bottom of the clock and gently push until it clicks into place.

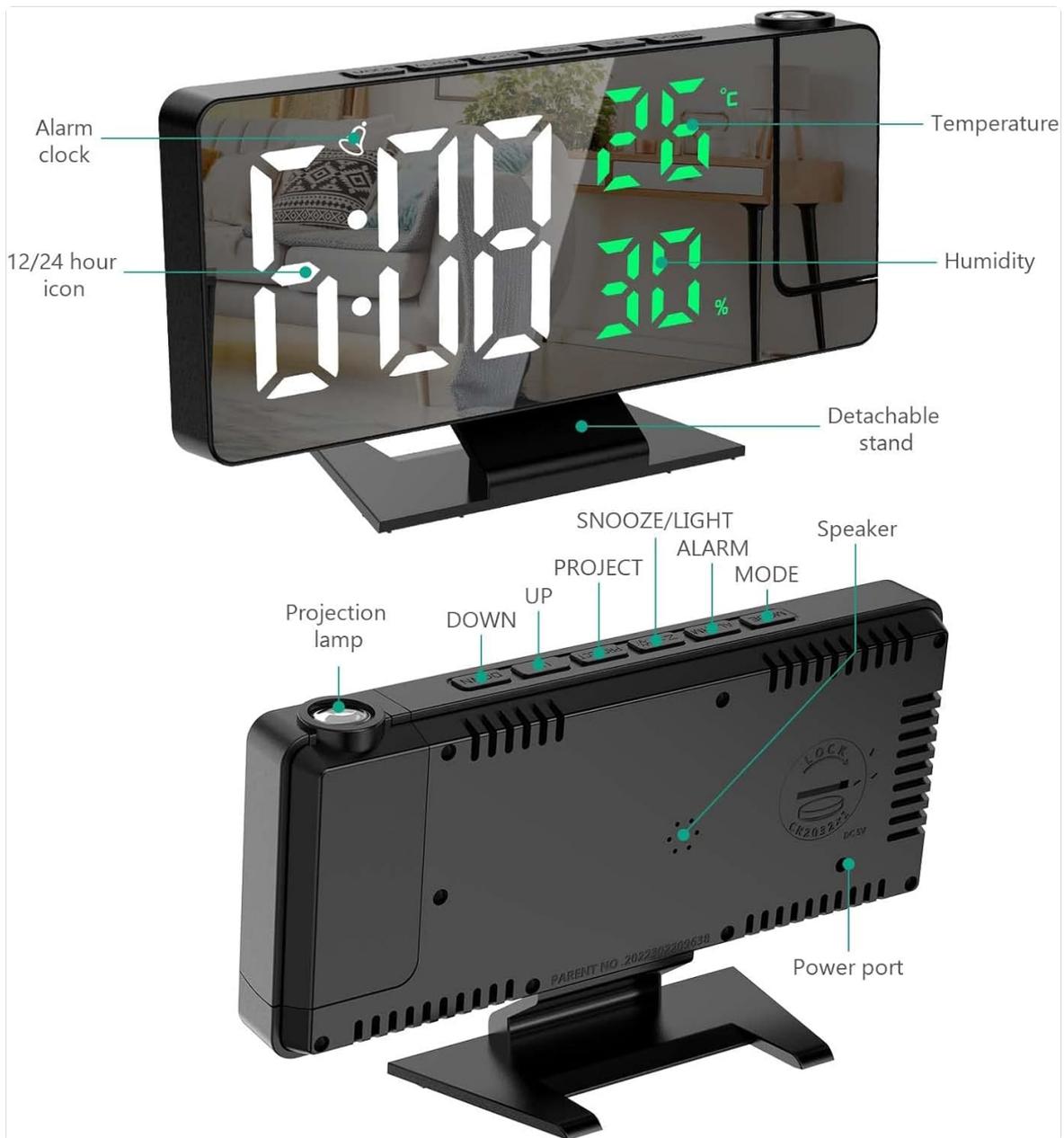


Figure 2: Back panel with controls and power port.

6. OPERATING INSTRUCTIONS

6.1 Button Functions

- **MODE:** Press to cycle through Time, Date, Temperature, and Humidity display modes. Long press to enter time/date setting mode.
- **ALARM:** Press to view alarm time. Long press to enter alarm setting mode.
- **UP / DOWN:** In setting mode, press to adjust values. In normal display mode, press UP to switch between 12/24-hour format.
- **PROJECT:** Press to turn the projection on/off. Long press to adjust projection brightness (3 levels).
- **SNOOZE/LIGHT:** Press to snooze the alarm. Long press to adjust display brightness (4 levels).

6.2 Setting Time and Date

1. Long press the **MODE** button. The hour digits will flash.
2. Use the **UP** or **DOWN** buttons to adjust the hour.

3. Press **MODE** again to move to minute setting, then year, month, and day. Adjust each with **UP** or **DOWN**.
4. Press **MODE** one last time to confirm and exit setting mode.

6.3 Setting the Alarm

1. Long press the **ALARM** button. The alarm hour digits will flash.
2. Use the **UP** or **DOWN** buttons to set the alarm hour.
3. Press **ALARM** again to set the alarm minute.
4. Press **ALARM** again to activate/deactivate the alarm (indicated by an alarm icon on the display).
5. Press **ALARM** one last time to confirm and exit setting mode.

6.4 Snooze Function

When the alarm sounds, press the **SNOOZE/LIGHT** button to activate the snooze function. The alarm will pause for 1-60 minutes (adjustable, typically 5-10 minutes by default) and sound again after the set interval.



Figure 3: Easy Snooze function.

6.5 Adjusting Display Brightness

Long press the **SNOOZE/LIGHT** button to cycle through 4 levels of display brightness: Bright, Medium,

Low, and OFF. The clock also features an automatic dimming night mode, where the display dims from 18:00 to 05:59.



ADJUSTABLE BRIGHTNESS

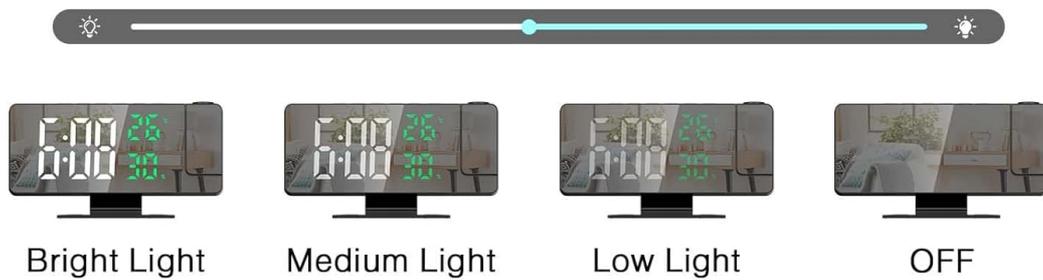


Figure 4: Adjustable display brightness levels.

6.6 Using the Projection Function

1. Press the **PROJECT** button to turn the time projection on or off.
2. Long press the **PROJECT** button to cycle through 3 levels of projection brightness.
3. Adjust the projection angle by manually rotating the projector lens 180 degrees to project the time onto a wall or ceiling.



Figure 5: Projection function in use on a bedside table.

7. MAINTENANCE

- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the projection lens is clean for clear time projection.
- Avoid dropping the device or subjecting it to strong impacts.

8. TROUBLESHOOTING

- **Display is blank:** Ensure the USB power cable is securely connected to a working power source. Check if the display brightness is set to 'OFF' (long press SNOOZE/LIGHT to adjust).
- **Projection is unclear:** Adjust the focus of the projection lens by rotating it slightly. Ensure the projection surface is within the 2-5 meter range. Check projection brightness (long press PROJECT).
- **Alarm not sounding:** Verify that the alarm is set and activated (alarm icon visible). Check the alarm volume if adjustable (this model does not specify volume control, so assume fixed).
- **Incorrect time/date:** Re-enter the time and date settings as described in section 6.2.

9. SPECIFICATIONS

- **Model Number:** XVCCN7RDUC7AVB44NV
- **Dimensions:** Approximately 18.5 cm (L) x 5.5 cm (W) x 10.2 cm (H) / 7.28 in (L) x 2.17 in (W) x 4.02 in (H)
- **Material:** ABS
- **Power Supply:** 5V DC (via USB)
- **Net Weight:** 147.7g
- **Color:** White

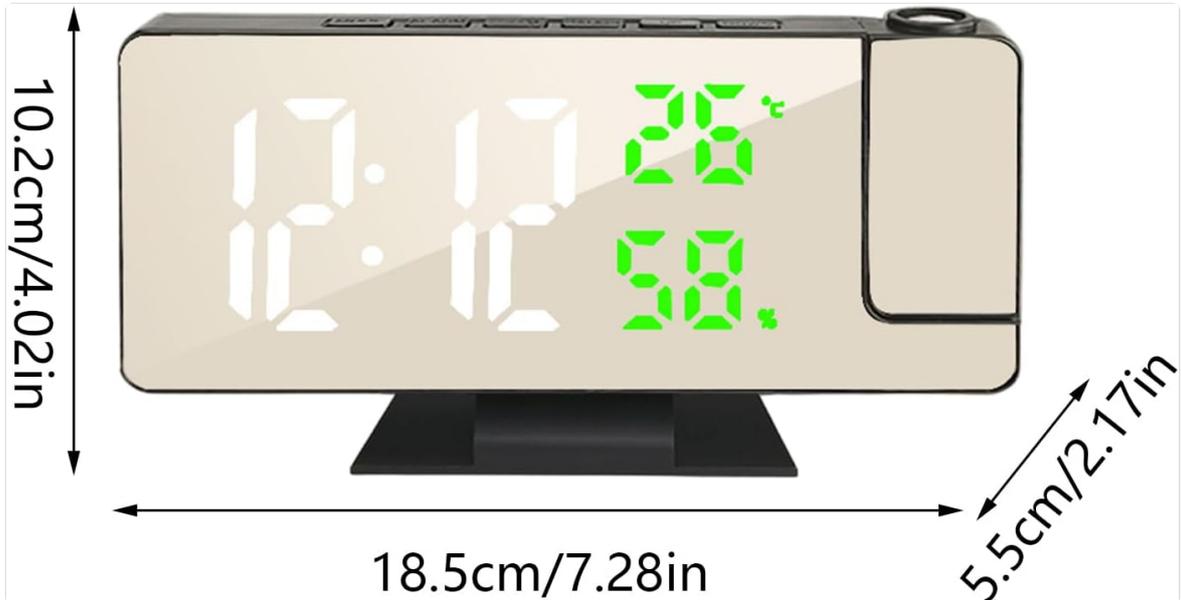


Figure 6: Product dimensions.

10. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or inquiries, please reach out to the customer service department of your retailer.