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› [ThreeH Projection Alarm Clock Radio Digital Alarm Clock User Manual](#)

**ThreeH H-AC52Black-Blue**

# ThreeH Projection Alarm Clock Radio User Manual

Model: H-AC52Black-Blue

## 1. INTRODUCTION

Thank you for purchasing the ThreeH Projection Alarm Clock Radio. This device combines a digital alarm clock with a large mirror display, time projection, FM radio, and a convenient USB charging port. Please read this manual carefully to ensure proper use and to maximize the features of your new alarm clock.

## 2. PACKAGE CONTENTS

- ThreeH Projection Alarm Clock Radio
- USB Power Cable
- User Manual (this document)

## 3. SETUP

### 3.1 Power Connection

Connect the provided USB power cable to the DC 5V input port on the back of the alarm clock. Plug the other end into a standard USB power adapter (not included) and then into a wall outlet. The display will light up.

### 3.2 Battery Backup

The alarm clock requires 1 CR5 battery (not included) for memory backup. This battery ensures that time and alarm settings are retained during a power outage. Insert the battery into the battery compartment on the bottom of the unit, observing the correct polarity.

### 3.3 Initial Time Setting

Upon first power-on or after a power reset without battery backup, the clock may display a default time. To set the time:

1. Press and hold the **SET** button for 3 seconds to enter time setting mode. The hour digits will flash.
2. Use the **UP** or **DOWN** buttons to adjust the hour.
3. Press **SET** again to confirm the hour and move to minute setting. The minute digits will flash.
4. Use the **UP** or **DOWN** buttons to adjust the minute.

5. Press **SET** again to confirm the minute and exit time setting mode.

To switch between 12-hour and 24-hour display modes, short press the **SET** button while in normal time display mode.

## 4. OPERATING INSTRUCTIONS

### 4.1 Display Brightness Adjustment

The 7.5-inch mirror LED screen offers adjustable brightness levels:

- **Manual Adjustment:** Short press the **LIGHT** button to cycle through 4 levels: Off, Micro-bright, Medium-bright, and High-bright.
- **Automatic Adjustment:** The clock can automatically adjust its brightness based on the ambient light. This feature is enabled by default.



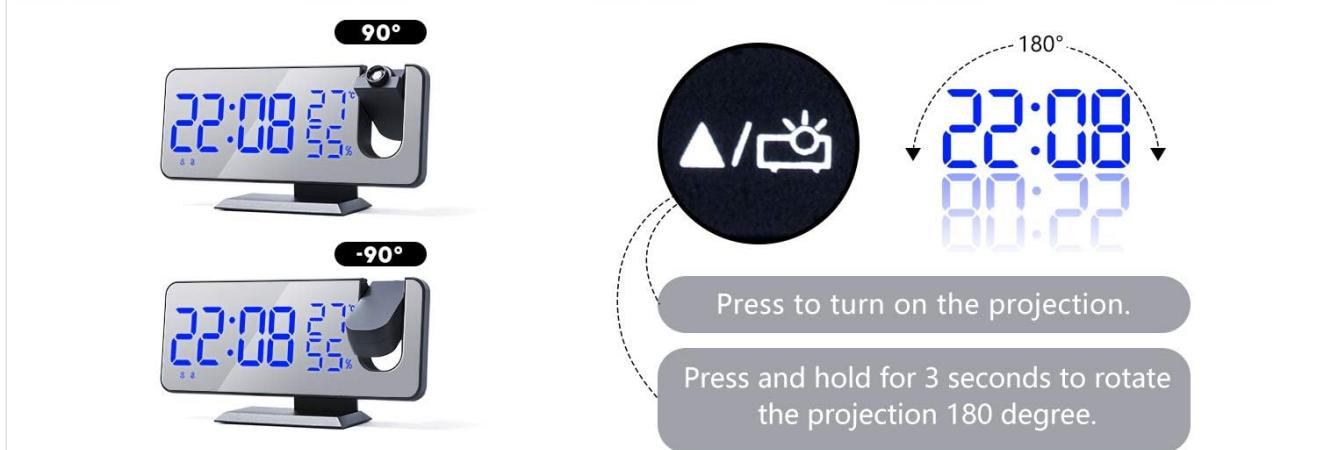
The clock display can be adjusted through four brightness levels, including completely off, to suit different lighting conditions.

### 4.2 Time Projection Feature

The projection feature allows the time to be displayed on a ceiling or wall in red light. The projection is clear from a

distance of up to 5 meters.

- **Activate/Deactivate Projection:** Short press the **PROJECTION** button to turn the projection on or off.
- **Adjust Projection Angle:** The projector can be rotated from -90° to 90° to direct the time display where desired.
- **Rotate Projection 180°:** Press and hold the **PROJECTION** button for 3 seconds to flip the projected image 180 degrees, ensuring correct orientation regardless of the clock's position.



The projection feature allows for angle adjustment and 180-degree rotation for optimal viewing on a ceiling or wall.

#### 4.3 Dual Alarm Function & Snooze

The clock supports setting two independent alarms.

1. **Setting Alarms:** Short press the **AL** button to select Alarm 1 or Alarm 2. Press and hold the **AL** button for 3 seconds to enter alarm setup. Use **UP** or **DOWN** to adjust the hour and minute, pressing **AL** to confirm each step.
2. **Alarm Sound Selection:** The alarm can be set to two voices: the traditional 'Didi Didi' sound or the radio. Select your preferred sound during alarm setup.
3. **Snooze Function:** When an alarm sounds, short press the large **SNOOZE/LIGHT** button (located centrally) to activate snooze for 5 minutes.

4. **Turn Off Alarm:** To turn off an alarm completely, press any button other than the **SNOOZE/LIGHT** button when the alarm is sounding.

## DUAL ALARM FUNCTION



1. Short press "AL" to select alarm 1,2 ;  
Press and hold for 3 seconds to set up.

2. Different alarm mode optional:  
wake-to-radio or wake-to buzzer.

3. Press "z.●" to enter snooze duration mode.

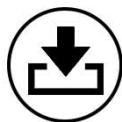
4. Short press "▼" once to turn  
on/off alarm easily.

The clock supports setting two distinct alarms for different wake-up times.

### 4.4 FM Radio Function

The built-in FM radio allows you to listen to your favorite stations.

- **Turn On/Off Radio:** Short press the **RADIO** button to turn the radio on or off.
- **Automatic Station Search:** Press and hold the **RADIO** button for 3 seconds to automatically search, lock, and store an unlimited number of stations within the 76-108 MHz range.
- **Manual Tuning:** Use the **UP** or **DOWN** buttons to manually tune to specific frequencies.
- **Volume Adjustment:** Use the **VOL+** or **VOL-** buttons to adjust the radio volume from 0 to 15 levels.
- **Sleep Timer:** You can set the radio to automatically turn off after a specified period (5-90 minutes). Press the **SLEEP** button repeatedly to select the desired sleep timer duration.



Automatic storage



Frequency  
76.0MHz-108.0MHz



15 Level  
volume



Auto-off after  
5-90 minutes

The FM radio feature includes automatic station search, adjustable volume, and a customizable sleep timer.

#### 4.5 USB Charging Port

The alarm clock is equipped with a USB charging port, allowing you to charge your mobile phone or tablet directly from the clock. Simply connect your device's USB charging cable to the port on the side of the alarm clock.

#### 4.6 Temperature and Humidity Display

The clock displays both temperature and humidity. These readings are shown alongside the time on the main display.

#### 4.7 Mirror Screen Functionality

The large 7.5-inch LED screen also functions as a mirror, providing a convenient reflective surface.

# MAKE-UP MIRROR



## FOUR KINDS OF BRIGHTNESS SWITCHING



100% Light



60% Light



25% Light



OFF

The large display doubles as a functional mirror.

## 4.8 Product Overview Video

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This video provides a visual overview of the ThreeH Projection Alarm Clock, demonstrating its features and design.

## 5. MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the surface of the alarm clock. Do not use abrasive cleaners or solvents, as they may damage the finish.
- Placement:** Place the clock on a stable, flat surface away from direct sunlight, heat sources, and excessive moisture.
- Power:** Always use the provided USB power cable. Disconnect power during thunderstorms or when not in use for extended periods.

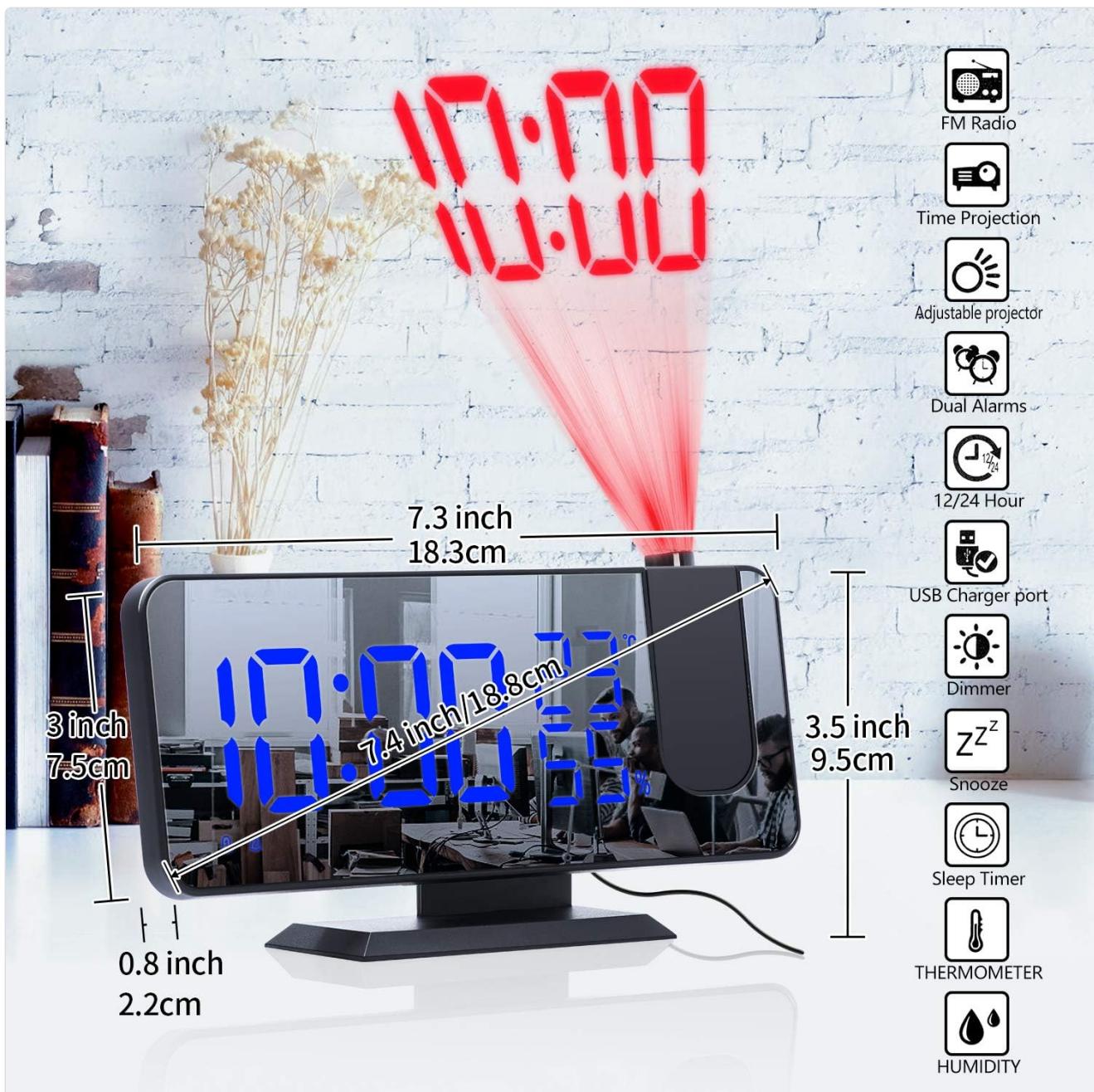
## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or not working.	No power connection; Power outage.	Ensure the USB power cable is securely connected to a working power source. Check if the battery backup is installed correctly.
Projection is not visible or dim.	Projection is off; Room is too bright; Incorrect angle.	Short press the <b>PROJECTION</b> button to turn it on. Ensure the room is dark enough. Adjust the projection angle and rotate 180° if needed.
Alarm does not sound.	Alarm is not set or deactivated; Volume is too low.	Verify alarm settings and ensure it is activated. Increase the alarm volume.
Radio static or poor reception.	Weak signal; Interference.	Adjust the position of the clock to improve reception. Perform an automatic station search again.
USB charging not working.	Cable issue; Device not compatible.	Ensure your device's charging cable is functional. Some devices may draw too much power for optimal charging.

## 7. SPECIFICATIONS

Feature	Detail
Brand	ThreeH
Model Number	H-AC52Black-Blue
Display Type	Digital LED (7.5-inch mirror screen)
Power Source	Corded Electric (USB DC 5V)
Battery Backup	1 CR5 battery required (not included)
Projection	Red light, -90° to 90° adjustable, 180° rotatable
Alarm Function	Dual alarms, 5-minute snooze, 2 alarm sounds (Didi Didi, Radio)
FM Radio Frequency	76-108 MHz
Radio Volume Levels	0-15 levels
Radio Sleep Timer	5-90 minutes

Feature	Detail
Brightness Levels	4 manual levels (Off, Micro, Medium, High) + Auto-adjustment
Additional Features	USB charging port, Temperature display, Humidity display
Product Dimensions	0.8"W x 3.5"H (Note: Other dimensions like 7.4"/18.8cm for display length are also relevant, but using the provided 'Product Dimensions' from specs)
Material	Plastic, Acrylonitrile Butadiene Styrene
Item Weight	0.25 Kilograms (8.8 ounces)



## 8. WARRANTY AND SUPPORT

For product support, troubleshooting assistance beyond this manual, or warranty inquiries, please contact ThreeH customer service. Refer to the product packaging or the retailer's website for specific contact information.

A digital version of this user manual may also be available for download from the product's listing page or the manufacturer's website.

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