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### Hanaix 1456

## Hanaix Projection Alarm Clock User Manual

Model: 1456

### INTRODUCTION

Thank you for purchasing the Hanaix Projection Alarm Clock. This device combines a digital alarm clock with a projection feature, FM radio, USB charging port, and displays temperature and humidity. Please read this manual carefully to ensure proper use and optimal performance.

### PRODUCT FEATURES

- 180° Rotatable Projection:** Projects clear time onto your ceiling or wall with adjustable focus.
- Large 7.3" LED Display:** Clear time display visible from a distance, also functions as a mirror.
- Dual Alarms & Snooze:** Set two independent alarms with adjustable volume and a 5-minute snooze function.
- Temperature & Humidity Display:** Built-in sensors provide accurate indoor temperature and humidity readings.
- FM Radio with Sleep Timer:** Enjoy FM radio with auto-off function (5-90 minutes) and 15-level adjustable volume.
- USB Charging Port:** Conveniently charge your smartphone or other devices.
- Memory Function:** Backup battery (included) retains time and alarm settings during power outages.
- Adjustable Display Brightness:** Four levels of brightness for the main display and two for the projection, plus an auto-dimming mode.

### PACKAGE CONTENTS

- Hanaix Projection Alarm Clock (Black)
- USB Power Cable
- User Manual
- CR2 Backup Battery (pre-installed)



Image: Contents of the Hanaix Projection Alarm Clock package.

## PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of your alarm clock.



Image: Detailed diagram of the alarm clock's components and controls.

- **Front Display:** Shows time, temperature, and humidity. Functions as a mirror.
- **Projector:** Rotatable lens for projecting time.
- **Top Buttons:**
  - **+/- (UP/DOWN/PROJECT):** Adjust settings, change radio frequency, control projection.
  - **RADIO/SLEEP:** Activate FM radio and set sleep timer.
  - **Zz (SNOOZE/LIGHT):** Snooze alarm, adjust display brightness.
  - **SET:** Enter time setting mode.
  - **VOL:** Adjust volume.
  - **AL (ALARM 1/2):** Set and activate alarms.
- **Back Panel:**
  - **Loudspeaker Box:** Audio output.
  - **Memory Battery Compartment:** Houses the CR2 backup battery.
  - **USB Charging Port:** For charging external devices.
  - **Supply Hub:** Power input.
  - **Radio Antenna:** For FM radio reception.

## SETUP

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1. **Power Connection:** Connect the USB power cable to the "Supply Hub" port on the back of the clock and plug the other end into a standard USB power adapter (not included) or a powered USB port. The display will light up.
2. **Battery Backup:** The clock comes with a pre-installed CR2 backup battery. Remove the insulation tab from the battery compartment on the back of the clock. This battery ensures that time and alarm settings are retained during a power outage. The display will not show during battery-only operation.



Image: The alarm clock powered on and charging a device.

## OPERATING INSTRUCTIONS

### 1. Time Setting

1. Press and hold the **SET** button for 3 seconds to enter time setting mode. The 12/24H format will flash.
2. Use the **+/**- buttons to select between 12-hour and 24-hour format.
3. Press **SET** again to confirm and move to hour setting. Use **+/**- to adjust the hour.
4. Press **SET** again to confirm and move to minute setting. Use **+/**- to adjust the minutes.
5. Press **SET** one more time or wait 10 seconds for the settings to be saved automatically.

### 2. Alarm Setting (Dual Alarms)

1. Briefly press the **AL** button to view Alarm 1 time. Press again to view Alarm 2 time.
2. To set Alarm 1, press and hold the **AL** button until the Alarm 1 hour flashes. Use **+/**- to adjust the hour.
3. Press **AL** again to set minutes. Use **+/**- to adjust the minutes.
4. Press **AL** again to set the snooze duration (5-60 minutes). Use **+/**- to adjust.
5. Repeat steps 2-4 for Alarm 2 by pressing **AL** until Alarm 2 hour flashes.

6. To activate/deactivate an alarm, briefly press the **AL** button. The alarm icon (bell 1 or bell 2) will appear/disappear on the display.

When an alarm sounds, press the large **Zz** button for snooze. The alarm will sound again after the set snooze duration. Press any other button to turn off the alarm until the next day.



Image: Setting and using the dual alarm and snooze functions.

### 3. Projection Function

1. Briefly press the **+- (PROJECT)** button to turn the projection on/off or adjust its brightness (Bright > Dim > Off).
2. Rotate the projector lens to adjust the projection angle (180° rotation).
3. Rotate the focus ring on the projector to sharpen the projected time.
4. Press and hold the **+- (PROJECT)** button to flip the projected time 180° for optimal viewing.

# TIME PROJECTION



Image: How to use the 180° rotatable time projection feature.

## FOUR KINDS OF BRIGHTNESS SWITCHING



100%



60%



25%



OFF

## TWO KINDS OF PROJECTION LIGHT.



2:00



STRONG

2:00



WEAK

Image: Brightness options for both the main display and the projection.

## 4. Display Brightness & Night Mode

1. Briefly press the **Zz (LIGHT)** button to cycle through 4 levels of display brightness (100% > 60% > 25% > Off).
2. Press and hold the **Zz (LIGHT)** button to activate/deactivate auto-dimming mode. In auto-dimming mode, the display brightness adjusts automatically based on ambient light.
3. **Night Mode:** The clock can automatically dim the display during a set period (default 18:00-06:00).
  - Briefly press **SET** to enter Night Mode ON/OFF setting. Use **+**/**-** to toggle ON/OFF.
  - If ON, press and hold **SET** to set the start and end times for Night Mode. Use **+**/**-** to adjust hours and minutes, pressing **SET** to confirm each step.
  - *Note: Night Mode is not available when auto-dimming is active.*

## 5. FM Radio

1. Press the **RADIO/SLEEP** button to turn on the FM radio.

2. Press and hold **RADIO/SLEEP** to auto-scan and save available FM stations (76-108 MHz).
3. Use the **+-** buttons to switch between saved stations.
4. Press the **VOL** button, then use **+-** to adjust the volume (15 levels).
5. **Sleep Timer:** While FM radio is playing, briefly press **RADIO/SLEEP** to set a sleep timer (5-90 minutes). The radio will automatically turn off after the set time.
6. To turn off the radio, press **RADIO/SLEEP** again until the radio display disappears.



Image: Using the FM radio function.

## 6. USB Charging Port

Connect your smartphone, tablet, or other USB-powered device to the USB charging port on the back of the clock using your device's charging cable. The clock will provide power to charge your device.



Image: The USB charging port for external devices.

## 7. Temperature & Humidity Display

The clock automatically displays the indoor temperature in Celsius (°C) and humidity percentage (%). These readings are continuously updated.

## 8. Mirror Screen Function

The large 7.3-inch LED display features a mirror-like surface, allowing it to be used as a convenient mirror when the display is off or dimmed.



### FOUR KINDS OF BRIGHTNESS SWITCHING



100% Light



60% Light



25% Light



OFF

Image: The alarm clock's display doubles as a mirror.

## MAINTENANCE

- Keep the clock away from high temperatures, water, and direct sunlight.
- To clean, use a soft, damp cloth with a mild soap solution. Do not use abrasive cleaners or solvents like gasoline. Ensure the power is disconnected before cleaning.
- If the clock will not be used for an extended period (more than one month), remove the backup battery to prevent leakage.
- Place the clock on a stable surface, away from furniture edges, using a protective cloth if necessary to prevent scratches.

## TROUBLESHOOTING

Problem	Possible Cause / Solution
Display is off / Clock not working.	Ensure the USB power cable is securely connected to both the clock and a working power source. The backup battery only retains settings, it does not power the display.
Projection is blurry.	Adjust the focus ring on the projector lens. Ensure the projection distance is within optimal range (up to 5 meters).
Cannot set time/alarm.	Follow the instructions carefully, ensuring you press and hold buttons for the correct duration. If issues persist, try resetting the clock by temporarily removing the backup battery and disconnecting power, then reconnecting.
Poor FM radio reception.	Extend and adjust the position of the radio antenna. Try auto-scanning for stations again in a different location.
USB charging not working.	Ensure the clock is powered on. Check if your device's charging cable is working correctly. Some devices may charge slower via the clock's USB port compared to a dedicated wall charger.

## SPECIFICATIONS

Feature	Detail
Brand	Hanaix
Model Number	1456
Display Type	Digital LED
Screen Size	7.3 inches
Power Source	Corded Electric
Backup Battery	1 x CR2 (included)
Product Dimensions	7.3"W x 3"H (approx. 18.5cm x 7.6cm)
Item Weight	10.1 ounces (approx. 286g)
Material	Plastic, Acrylic
FM Frequency Range	76-108 MHz

## WARRANTY AND SUPPORT

Hanaix offers a 1-month money-back guarantee for this product. For any issues or inquiries, please feel free to contact us. We provide 24-hour x 7-day customer service to assist you.

For support, please refer to the contact information provided with your purchase or visit the official Hanaix website.

