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› Peakeep Projection Alarm Clock MHP6050 User Manual

Peakeep MHP6050

Peakeep Projection Alarm Clock MHP6050 User Manual

Model: MHP6050

1. SAFETY INFORMATION

Please read these instructions carefully before using the Peakeep Projection Alarm Clock. Keep this manual for future reference.

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the clock to strong impacts.
- Use only the provided power adapter.
- Keep out of reach of children.
- Do not attempt to disassemble or repair the unit yourself. Contact qualified service personnel.

2. PRODUCT OVERVIEW

The Peakeep Projection Alarm Clock MHP6050 is designed to provide convenient time display, alarm functions, and additional features for your bedroom or office.

2.1 Key Features

- 180° Rotatable Projection: Projects time onto ceiling or wall with adjustable brightness and focus.
- Colorful Nightlight: RGB color-changing nightlight for ambient lighting.
- Large LED Display: 5.5-inch display with 2.1-inch numbers and 6 levels of adjustable brightness.
- Adjustable Alarm Volume: 5 alarm volume levels (60-108 dB) for heavy sleepers.
- Battery Backup: Maintains time and alarm settings during power outages (requires 2 AAA batteries, not included).
- USB Charging Port: Conveniently charge your mobile devices.

2.2 Components and Controls

Familiarize yourself with the clock's components and control buttons.

Back View



Figure 1: Rear view of the alarm clock with labeled buttons.

- **DIMMER:** Adjusts display brightness.
- **TIME SET (2S):** Press and hold for 2 seconds to enter time setting mode.
- **12/24HR:** Toggles between 12-hour and 24-hour time format.
- **VOLUME (+/-):** Adjusts alarm volume.
- **ALARM SET ON/OFF:** Sets and activates/deactivates the alarm.
- **NIGHTLIGHT ON/OFF:** Controls the colorful nightlight.
- **PROJECTION DIMMER:** Adjusts projection brightness.
- **PROJECTION ON/FLIP/OFF:** Turns projection on/off and flips the projected image.
- **FOCUS Wheel:** Adjusts the clarity of the projected time.
- **USB OUT (5V):** USB charging port.
- **5V IN:** Power input port.
- **Battery Compartment:** For AAA backup batteries.

3. SETUP

3.1 Power Connection

1. Connect the included AC/DC adapter to the "5V IN" port on the back of the clock.
2. Plug the adapter into a standard wall outlet. The display will light up.



Figure 2: Power connection and USB charging port.

3.2 Battery Backup Installation

For backup during power outages, install 2 AAA batteries (not included).

1. Open the battery compartment cover on the back of the clock.
2. Insert 2 AAA batteries, observing the correct polarity (+ and -).
3. Close the battery compartment cover.

Note: Batteries only provide backup for time and alarm settings; the display and projection will not function during a power outage.

3.3 Initial Time Setting

1. Press and hold the **TIME SET (2S)** button for 2 seconds. The hour digits will flash.
2. Use the **VOLUME +** or **VOLUME -** buttons to adjust the hour.
3. Press **TIME SET** again to confirm the hour and move to minute setting. The minute digits will flash.
4. Use the **VOLUME +** or **VOLUME -** buttons to adjust the minutes.
5. Press **TIME SET** once more to confirm and exit time setting mode.
6. To switch between 12-hour and 24-hour format, press the **12/24HR** button.

4. OPERATING INSTRUCTIONS

4.1 Setting the Alarm

1. Press and hold the **ALARM SET ON/OFF** button for 2 seconds. The alarm hour digits will flash.
2. Use the **VOLUME +** or **VOLUME -** buttons to adjust the alarm hour.
3. Press **ALARM SET ON/OFF** again to confirm the hour and move to minute setting. The alarm minute digits will flash.
4. Use the **VOLUME +** or **VOLUME -** buttons to adjust the alarm minutes.
5. Press **ALARM SET ON/OFF** once more to confirm and exit alarm setting mode.
6. To activate or deactivate the alarm, short press the **ALARM SET ON/OFF** button. An alarm icon will appear/disappear on the display.

4.2 Adjusting Alarm Volume

The alarm clock offers 5 volume levels (60-108 dB).

1. During normal time display, press the **VOLUME +** or **VOLUME -** buttons to cycle through the 5 alarm volume levels.
2. The current volume level (U01-U05) will be shown on the display.

Loud Alarm Clock for Heavy Sleepers

5 Alarm Volumes for your choice



Figure 3: Alarm volume levels.

4.3 Using the Projection Feature

The clock can project the time onto a ceiling or wall.

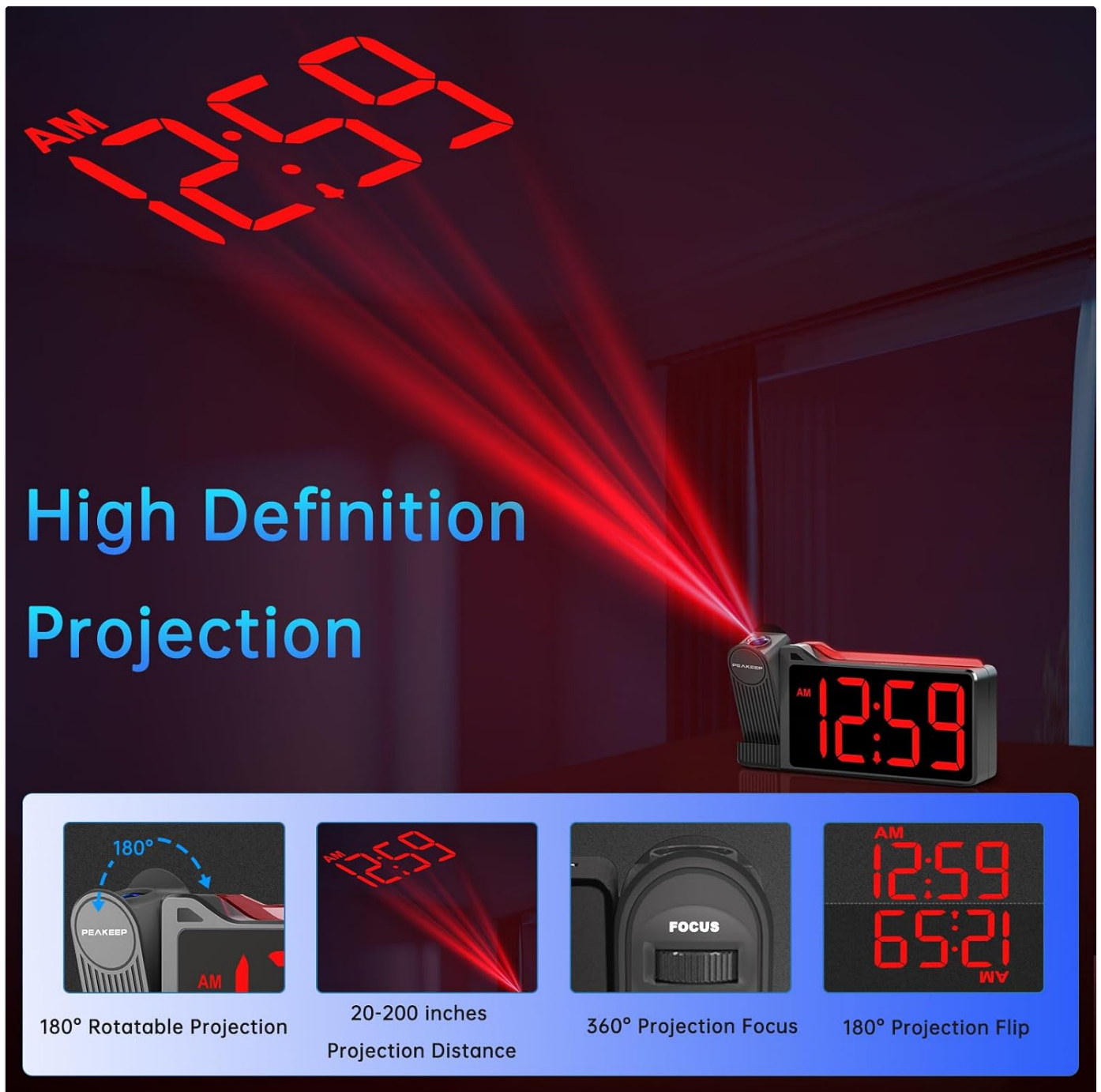


Figure 4: High definition projection features.

- **Turn On/Off Projection:** Short press the **PROJECTION ON/FLIP/OFF** button to turn the projection on or off.
- **Rotate Projection:** The projection arm can be rotated 180 degrees to adjust the projection angle.
- **Adjust Projection Brightness:** Press the **PROJECTION DIMMER** button to cycle through 5 brightness levels (L01-L05).
- **Adjust Projection Focus:** Rotate the **FOCUS Wheel** on the side of the projection arm to achieve a clear image.
- **Flip Projection:** Press and hold the **PROJECTION ON/FLIP/OFF** button to flip the projected image 180 degrees.



Figure 5: Adjustable projection brightness levels.

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Video 1: Demonstrates the Peakeep RGB Nightlight Projection Alarm Clock features, including projection and nightlight.

4.4 Using the Colorful Nightlight

The clock features an RGB color-changing nightlight.

1. Press the **NIGHTLIGHT ON/OFF** button to turn the nightlight on or off.
2. When on, the nightlight will cycle through various colors.

RGB Color-changing Nightlight

delivers a warm and soothing atmosphere,
enhancing relaxation and comfort



ON/OFF



Figure 6: Colorful nightlight feature.

4.5 Adjusting Display Brightness

The main LED display has 6 levels of adjustable brightness, including an OFF setting.

1. Press the **DIMMER** button to cycle through the 6 brightness levels (L1-L5 and OFF).

5 Levels Brightness + OFF

Protects your eyes while allowing you to see the time clearly at night



Figure 7: Display brightness levels.

4.6 Using the USB Charging Port

The clock includes a USB-A output port (5V) for charging external devices.

1. Connect your device's USB charging cable to the "USB OUT" port on the back of the clock.
2. Ensure the alarm clock is powered via the AC/DC adapter.

Note: The USB charging port will not function when the clock is running on battery backup.

5. MAINTENANCE

- Clean the clock with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the projection lens clean for optimal clarity.
- Replace backup batteries annually or when they are depleted to ensure settings are retained during power interruptions.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Clock display is off.	Power adapter not connected or power outage. Display brightness set to OFF.	Ensure power adapter is securely connected. Check power supply. Press DIMMER button to adjust brightness.
Projection is blurry.	Projection focus needs adjustment.	Rotate the FOCUS Wheel until the projected image is clear.
Projection is too dim or too bright.	Projection brightness level needs adjustment.	Press the PROJECTION DIMMER button to cycle through brightness levels.
Alarm does not sound.	Alarm is not activated. Alarm volume is too low.	Short press ALARM SET ON/OFF to activate (alarm icon should appear). Adjust alarm volume using VOLUME + .
USB charging port not working.	Clock is not connected to AC power.	Ensure the clock is powered by the AC/DC adapter, not just battery backup.

7. SPECIFICATIONS

Feature	Detail
Brand	Peakeep
Model Number	MHP6050
Display Type	Digital LED
Product Dimensions	6.9"W x 3.5"H
Item Weight	8.8 ounces
Power Source	Corded Electric (AC/DC adapter included)
Battery Backup	2 AAA batteries (not included) for settings memory
USB Output	5V (for charging devices)
Projection Distance	20 to 200 inches
Alarm Volume Range	60-108 dB (5 levels)
Display Brightness	6 levels (including OFF)
Projection Brightness	5 levels
Material	Plastic

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Peakeep customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the [Peakeep Store on Amazon](#).

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