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Braun BNC015BK-RC

Braun Digital Multi-Region Radio Controlled Projection Alarm Clock

Model: BNC015BKUK-RC

Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Braun Digital Multi-Region Radio Controlled Projection Alarm Clock, model BNC015BKUK-RC. This device features a negative LCD display, radio-controlled time synchronization, a projection function for displaying time on a surface, and a beep alarm with snooze functionality. Please read this manual thoroughly before using the product to ensure proper function and longevity.

Safety Information

- Do not expose the clock to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping the device or subjecting it to strong impacts.
- Do not disassemble the clock. Refer all servicing to qualified personnel.
- Use only the specified power adapter provided with the unit.
- Dispose of batteries responsibly according to local regulations.
- Keep the device away from strong magnetic fields.

Package Contents

Please check that all items are present and in good condition:

- Braun Digital Projection Alarm Clock (Model BNC015BKUK-RC)
- Power Adapter (UK plug type)
- Instruction Manual (this document)

Note: 1 x AAA battery is required for operation but is NOT INCLUDED in the package.

Product Overview



Figure 1: Front view of the Braun Digital Projection Alarm Clock. This image displays the main negative LCD screen, which shows the current time (4:07 AM) and the set alarm time (12:00 AM). The Braun logo is visible at the bottom of the display. The clock features a sleek black design with a projection lens on the right side.



Figure 2: Rear view of the Braun Digital Projection Alarm Clock. This image highlights the back panel of the clock, revealing various controls and ports. Visible elements include the battery compartment, a DC 4.5V power input, a reset button, and a switch for Radio Controlled Clock (RCC) settings. Ventilation grilles are also present.



Figure 3: Front view of the Braun Digital Projection Alarm Clock, displaying the time as 4:12 AM. This image is similar to Figure 1 but shows a different time, demonstrating the dynamic nature of the LCD display. The overall design and layout of the clock's front remain consistent.

Key Components:

- **Negative LCD Display:** Shows current time, alarm time, and other indicators.
- **Projection Lens:** Projects time onto a wall or ceiling.
- **Snooze/Light Button:** Activates snooze function and backlight.
- **Time/Alarm Set Buttons:** For adjusting time and alarm settings.
- **RCC Switch:** For enabling/disabling radio control synchronization.
- **DC 4.5V Power Input:** For connecting the included power adapter.
- **Battery Compartment:** For backup battery (1 x AAA, not included).

Setup

1. Powering the Device

1. **Insert Battery (Optional but Recommended):** Open the battery compartment on the rear of the clock. Insert 1 x AAA battery (not included), ensuring correct polarity (+/-). This battery provides backup power for timekeeping during power outages.
2. **Connect Power Adapter:** Plug the provided power adapter into the DC 4.5V input port on the back of the clock. Then, plug the adapter into a suitable wall outlet. The clock's display will illuminate, and the projection function will become active.

2. Initial Time Setting (Radio Control)

The clock is designed to automatically synchronize its time with a radio signal (RCC). This process may take several minutes to a few hours, especially during the initial setup or after a power interruption.

- Ensure the RCC switch on the back of the clock is set to the "ON" position.
- Place the clock near a window or in an area with good reception, away from electronic devices that may cause interference.
- The clock will attempt to receive the time signal. A signal indicator (if present on display) will show reception strength.
- Once synchronized, the time will be automatically set and adjusted for daylight saving time.
- If the signal is weak or unavailable, you may need to manually set the time.

Operating Instructions

1. Setting Time Manually

If radio control is not desired or reception is poor, you can set the time manually:

1. Set the RCC switch to the "OFF" position.
2. Press and hold the "Time Set" button (or similar, refer to specific button labels on your unit) until the time digits begin to flash.
3. Use the "+" and "-" buttons to adjust the hours and minutes.
4. Press the "Time Set" button again to confirm and exit time setting mode.

2. Setting Alarm

1. Press and hold the "Alarm Set" button (or similar) until the alarm time digits begin to flash.
2. Use the "+" and "-" buttons to adjust the desired alarm hour and minute.
3. Press the "Alarm Set" button again to confirm.
4. To activate/deactivate the alarm, press the "Alarm On/Off" button (often located on the top or side). An alarm icon will appear on the display when active.

3. Snooze / Backlight Function

- **Snooze:** When the alarm sounds, press the "Snooze/Light" button (located on top). The alarm will pause for approximately 5 minutes and then sound again.
- **Backlight:**
  - When operating on battery power, press the "Snooze/Light" button to illuminate the display for approximately 10 seconds.
  - When connected to the power adapter, the backlight can be set to stay on permanently. Refer to the specific button or switch for permanent backlight activation (often a dedicated switch or a long press of the "Snooze/Light" button).

4. Projection Feature

The projection feature is active only when the clock is connected to the power adapter.

- **Activation:** The projection can be activated via a motion sensor (wave hand over the sensor) or set to remain active permanently. Check the settings on the clock for this option.

- **Rotation:** The projected image can be rotated in 90-degree steps to ensure correct orientation on your wall or ceiling. Adjust the projection lens or a dedicated rotation control.
- **Brightness:** The projection brightness may be adjustable. Look for a dedicated button or setting to cycle through brightness levels.
- **Focus:** Some models may have a focus wheel on the projection lens to sharpen the projected image.

5. 12-Hour / 24-Hour Setting

To switch between 12-hour (with AM/PM indicator) and 24-hour time formats, locate the dedicated "12/24 HR" button or a setting within the time adjustment mode. Press it to toggle between the formats.

Maintenance

- **Cleaning:** Wipe the clock's surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Lens Cleaning:** Gently clean the projection lens with a soft, lint-free cloth to ensure clear projection.
- **Battery Replacement:** If using a backup battery, replace it annually or when the display shows signs of low power (if applicable).

Troubleshooting

Problem	Possible Cause	Solution
Clock not displaying time / no power.	Power adapter not connected or faulty; backup battery depleted or not inserted.	Ensure power adapter is securely plugged in. Check wall outlet. Replace AAA battery.
Radio controlled time not setting automatically.	RCC switch OFF; poor signal reception; interference.	Set RCC switch to ON. Move clock to a location with better signal (e.g., near a window). Keep away from other electronics. Allow time for synchronization (overnight is often best).
Projection is dim or unclear.	Clock not connected to power adapter; projection lens dirty; incorrect focus/brightness setting; LED aging.	Ensure clock is powered by AC adapter. Clean projection lens. Adjust focus/brightness settings. Note that LED brightness can diminish over many years of continuous use.
Alarm does not sound.	Alarm not activated; alarm volume too low (if adjustable); incorrect alarm time set.	Ensure alarm icon is visible on display. Check alarm time.
Display contrast varies.	Normal characteristic of negative LCD displays depending on ambient lighting.	This is expected behavior. Adjust room lighting if necessary for optimal viewing.

Specifications

- **Brand:** Braun
- **Model Number:** BNC015BK-RC
- **Colour:** Black
- **Product Dimensions:** 13 x 4.9 x 9 cm (L x W x H)

- **Item Weight:** 448 g
- **Material:** Plastic
- **Display Type:** Digital, Negative LCD
- **Special Features:** Alarm, Projection, Radio Controlled, Backlight, Snooze
- **Power Source:** Battery Powered (1 x AAA, not included) and AC Adapter (included)
- **Room Type:** Bedroom, Home Office, Living Room
- **Indoor/Outdoor Usage:** Indoor

Warranty and Support

Braun products are manufactured to high quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official Braun website. For technical support or service inquiries, please contact Braun customer service through their official channels.

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