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Braun BC07B-DCF

Braun BC07B-DCF Radio-Controlled Alarm Clock User Manual

Model: BC07B-DCF

1. Introduction

Thank you for choosing the Braun BC07B-DCF Radio-Controlled Alarm Clock. This manual provides detailed instructions for setting up, operating, and maintaining your new alarm clock. Please read these instructions carefully before use to ensure optimal performance and longevity of your device.

2. Product Overview

The Braun BC07B-DCF is a compact, radio-controlled alarm clock designed for clear readability and reliable timekeeping. It features a crescendo alarm, snooze function, and integrated lighting.

Key Features:

- Radio-controlled time synchronization (DCF signal)
- Crescendo alarm with increasing intensity
- Snooze function
- Integrated dial lighting
- Luminous hands for low-light visibility
- Easy-to-read dial with matte finish

Dimensions:

Approximately 80 mm (width) x 80 mm (height) x 57.5 mm (depth).

Product View:



Figure 1: Front view of the Braun BC07B-DCF Radio-Controlled Alarm Clock. The clock features a black matte finish, a clear dial with white numbers and hands, and a green second hand indicator.

3. Setup

3.1 Battery Installation

The Braun BC07B-DCF alarm clock requires one (1) AA battery for operation. Batteries are not included.

1. Locate the battery compartment cover on the back of the clock.
2. Carefully remove the cover.
3. Insert one (1) AA battery, ensuring the correct polarity (+ and -) as indicated inside the compartment.
4. Replace the battery compartment cover securely.



Figure 2: Back view of the alarm clock, illustrating the battery compartment and control buttons for time and alarm settings.

3.2 Initial Time Synchronization (Radio Control)

Upon battery installation, the clock will automatically attempt to synchronize with the DCF radio signal. This process may take several minutes to several hours, depending on your location and signal strength. For best reception, place the clock near a window and away from electronic devices that may cause interference.

- The clock hands will move to 12:00 and then begin searching for the signal.
- Once the signal is received, the clock will automatically set itself to the correct time.
- The DCF signal is primarily broadcast in Central Europe. If you are outside this region, the radio control function may not work, and you will need to set the time manually.

3.3 Manual Time Setting

If radio control is unavailable or you wish to set the time manually:

1. Locate the small time setting button, typically recessed, on the back of the clock (refer to Figure 2).
2. Using a pointed object (e.g., a pen tip), press and hold the time setting button.

3. The clock hands will begin to advance. Release the button when the hands reach the desired time. Note that the hands typically only move in one direction, so setting the time manually can be a lengthy process if a significant adjustment is needed.

4. Operating Instructions

4.1 Setting the Alarm

1. Locate the alarm setting knob or button on the back of the clock (refer to Figure 2).
2. Rotate the knob or press the button to move the alarm hand to your desired wake-up time.

4.2 Activating/Deactivating the Alarm

Use the ON/OFF switch or button, usually located on the side or back of the clock, to activate or deactivate the alarm. When activated, an indicator (e.g., a small dot or icon) may appear on the dial.

4.3 Crescendo Alarm

The BC07B-DCF features a crescendo alarm. When the alarm sounds, it will start with a soft tone and gradually increase in volume and frequency to gently wake you up.

4.4 Snooze Function

When the alarm sounds, press the large button on the top of the clock (often also the light button) to activate the snooze function. The alarm will pause for approximately 5 minutes and then sound again.

4.5 Integrated Lighting

To illuminate the dial in low-light conditions, press the large button on the top of the clock. The light will remain on as long as the button is pressed, or for a short duration if it's a momentary press.

5. Maintenance

5.1 Cleaning

To clean your alarm clock, use a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the clock's finish and internal components.

5.2 Battery Replacement

Replace the AA battery when the clock hands stop moving or the display becomes dim. Follow the battery installation steps outlined in Section 3.1. Always dispose of used batteries responsibly according to local regulations.

6. Troubleshooting

- **Clock not working after battery installation:** Ensure the battery is inserted with correct polarity. Try a fresh battery.
- **Radio control not synchronizing:** Ensure the clock is placed in an area with good reception, away from interference. If you are outside the DCF signal range (primarily Central Europe), manual time setting will be required.
- **Alarm not sounding:** Verify that the alarm is activated (ON position). Check if the alarm time is correctly set.
- **Manual time setting is difficult:** The manual time setting mechanism is designed for precision and may require patience, as the hands typically only move in one direction.

7. Specifications

Feature	Detail
Model	BC07B-DCF
Movement	Radio-controlled quartz movement
Power Source	1 x AA Battery (not included)
Dimensions (W x H x D)	80 mm x 80 mm x 57.5 mm
Special Features	Crescendo Alarm, Snooze, Illuminated Dial, Luminous Hands
Display Type	Analog
Color	Black

8. Warranty and Support

According to product specifications, there is no explicit manufacturer's guarantee provided for this product. For any issues or support inquiries, please contact the retailer from whom you purchased the Braun BC07B-DCF alarm clock. They will be able to assist you with their return or exchange policies.

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