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Braun BC10W

Braun Radio-Controlled Digital Alarm Clock BC10W-DCF User Manual

Model: BC10W-DCF

1. Introduction

Thank you for purchasing the Braun Radio-Controlled Digital Alarm Clock, model BC10W-DCF. This alarm clock is designed for precision timekeeping and user-friendly operation, featuring automatic time synchronization via DCF radio signal for the Central European Time Zone. Please read this manual carefully to ensure proper setup and operation of your new alarm clock.

2. Product Overview

The Braun BC10W-DCF alarm clock combines functionality with a sleek design, offering clear time, date, month, and temperature displays. It includes a crescendo alarm and a convenient snooze function.

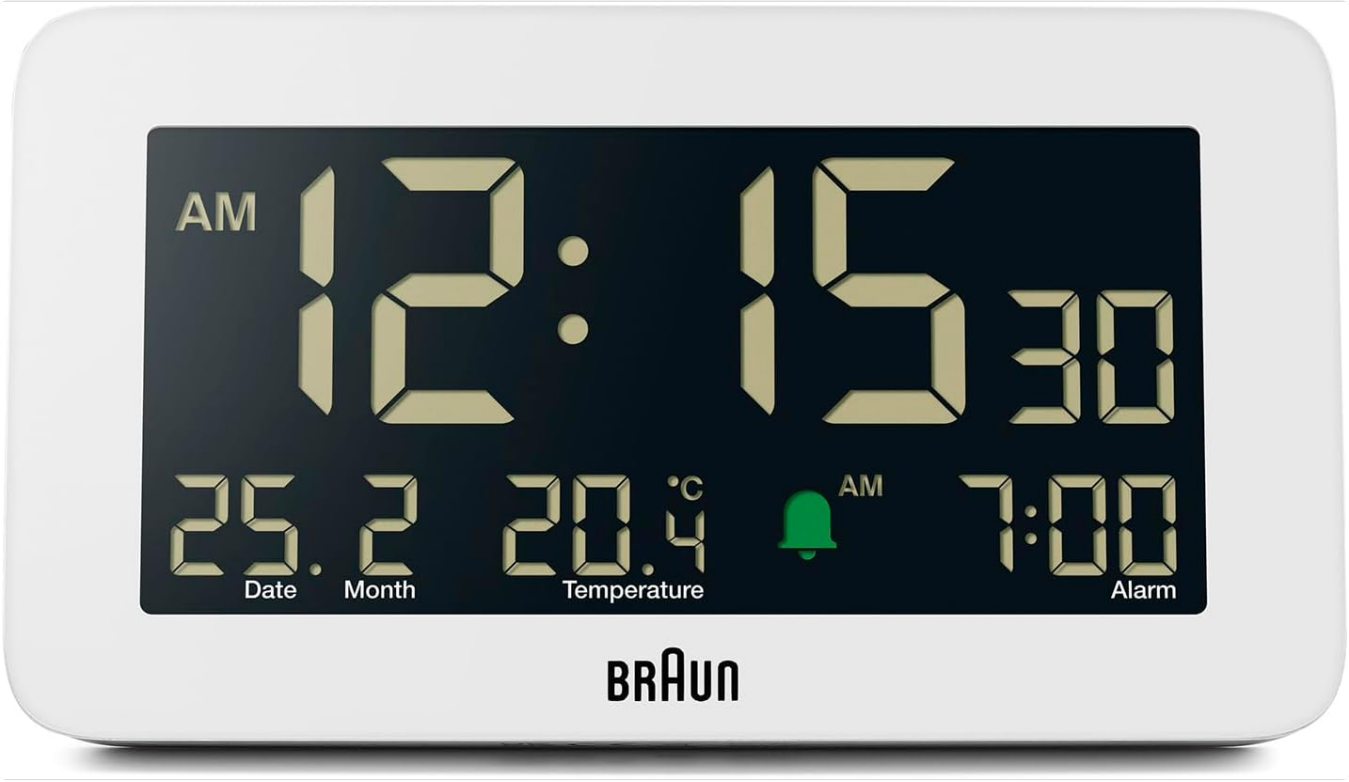


Figure 2.1: Front view of the Braun BC10W-DCF Digital Alarm Clock, displaying 12:15 AM, February 25, 20.4°C, and an alarm set for 7:00 AM.

Key Features:

- **Radio-Controlled Time:** Automatically synchronized with the DCF signal for Central European Time (GMT+1).
- **Negative LCD Display:** Clear display of time, date, month, and temperature.
- **Crescendo Alarm:** Alarm sound increases in frequency.
- **Snooze Function:** Five-minute snooze interval.
- **Continuous Backlight:** Illuminates the display in low-light conditions.
- **Temperature Display:** Shows temperature in Celsius (0C) or Fahrenheit (0F).
- **12/24 Hour Format:** Option to switch between time formats.

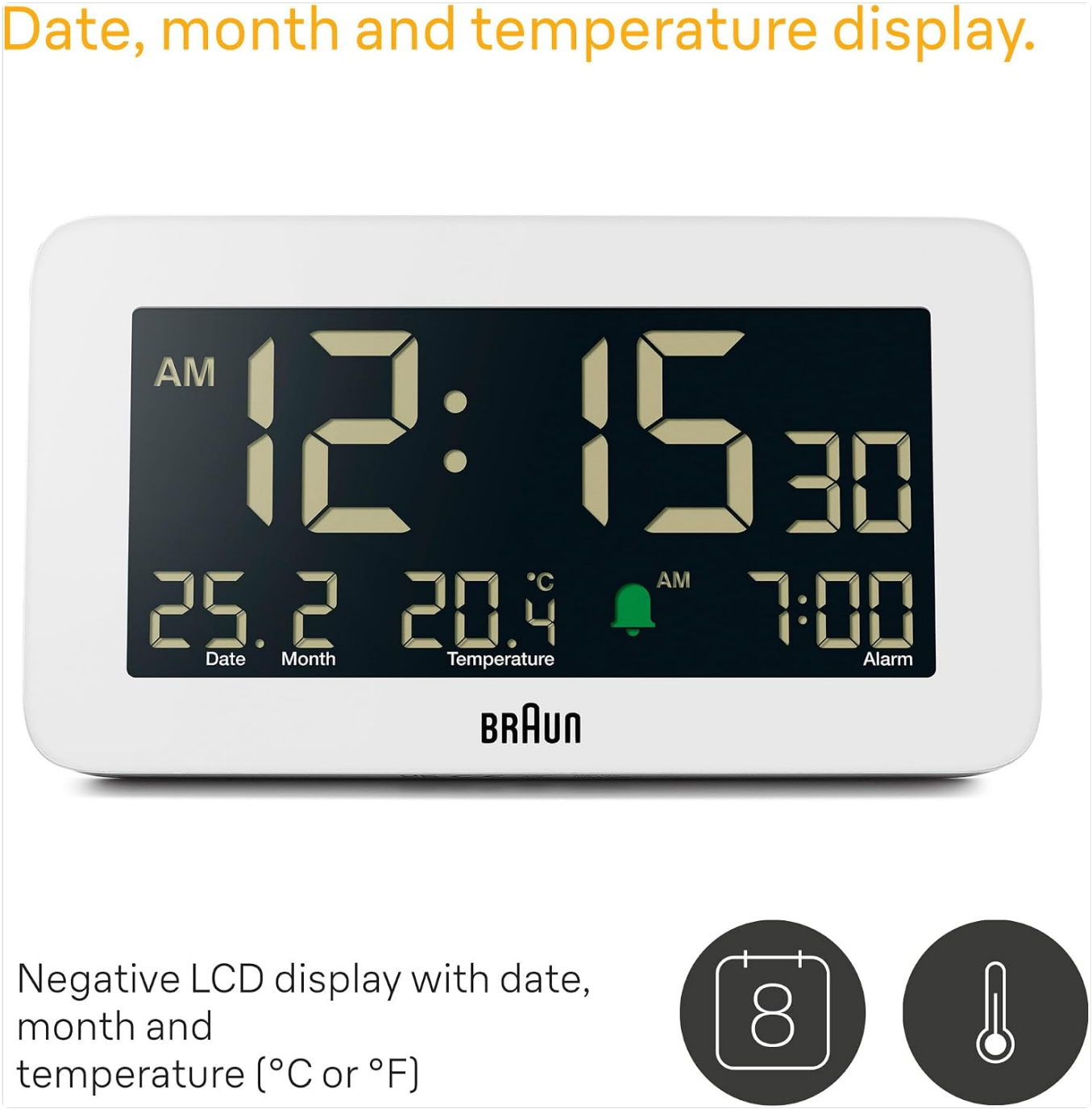


Figure 2.2: The clock's display clearly showing the date, month, and temperature.



Figure 2.3: Illustration of the crescendo alarm and snooze function icons.

3. Setup

3.1 Battery Installation

1. Locate the battery compartment on the back of the alarm clock.
2. Open the battery compartment cover.
3. Insert 2 new AA alkaline batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

Note: For optimal performance of time and alarm functions, always use new alkaline batteries. Batteries are not included.



Figure 3.1: Rear view of the alarm clock, indicating the battery compartment.

3.2 Initial Time Setting (DCF Radio Control)

Upon battery installation, the clock will automatically attempt to receive the DCF radio signal. This process typically occurs overnight for best reception.

- Place the alarm clock away from sources of interference such as televisions, microwaves, or computers.
- Allow the clock to search for the signal. A signal icon will typically appear on the display when reception is successful.
- The clock will automatically set the correct time, date, and month for the Central European Time Zone (GMT+1).

Note: This function is designed for Central and Western Europe (excluding UK and Ireland).

3.3 Manual Time Setting

If you are outside the DCF signal range or prefer to set the time manually, you can disable the radio control function and adjust the time as follows:

1. Refer to the specific buttons on the back or side of your clock (usually labeled 'SET', '+', '-').

2. Press and hold the 'SET' button to enter time setting mode.
3. Use the '+' and '-' buttons to adjust hours, minutes, date, month, and year.
4. Press 'SET' again to confirm each setting and move to the next.

4. Operating Instructions

4.1 Setting the Alarm

1. Locate the 'ALARM SET' button (or similar) on the clock.
2. Press and hold 'ALARM SET' to enter alarm setting mode.
3. Use the '+' and '-' buttons to adjust the desired alarm time.
4. Press 'ALARM SET' again to confirm.
5. Ensure the alarm is activated (an alarm icon, typically a bell, will appear on the display).

4.2 Snooze Function

When the alarm sounds, press the large 'SNOOZE/LIGHT' button on top of the clock. The alarm will pause for five minutes and then sound again. This can be repeated.

4.3 Backlight Operation

- **Manual Backlight:** Press the 'SNOOZE/LIGHT' button to activate the backlight for ten seconds.
- **Continuous Backlight:** The clock features a continuous backlight function that illuminates the display in low-light environments. The contrast of the digital display may vary depending on ambient lighting conditions.



Figure 4.1: The clock's display demonstrating the auto-backlight feature in different lighting conditions.

4.4 Display Modes (Temperature & Time Format)

- **Temperature Unit:** Press the 'C/0F' button (if available) to switch between Celsius and Fahrenheit temperature display.
- **Time Format:** Press the '12/24H' button (if available) to switch between 12-hour and 24-hour time formats.



Figure 4.2: Icons indicating 12/24 hour display option and LCD display type.

5. Maintenance

5.1 Cleaning

To clean your alarm clock, gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners or solvents, as they may damage the finish.

5.2 Battery Replacement

When the display dims or functions become unreliable, it is time to replace the batteries. Follow the battery installation steps in Section 3.1. Always replace both batteries with new alkaline batteries.

6. Troubleshooting

Problem	Possible Cause	Solution
Clock not receiving DCF signal.	Interference from electronics; outside signal range; weak signal.	Move clock away from electronic devices. Try placing it near a window. Allow time for overnight synchronization.
Display is dim or blank.	Low batteries.	Replace with new AA alkaline batteries.
Alarm not sounding.	Alarm not activated; alarm volume too low (if adjustable); incorrect alarm time.	Ensure alarm icon is displayed. Re-set alarm time.
Buttons unresponsive.	Low batteries; internal malfunction.	Replace batteries. If problem persists, contact customer support.

7. Specifications

Feature	Detail
Model Number	BC10W-DCF
Dimensions (L x W x H)	13.5 cm x 7.5 cm x 4.5 cm
Weight	157 g
Material	Plastic
Power Source	2 x AA Batteries (not included)
Display Type	Negative LCD
Special Features	Temperature Display (0C/0F), Radio-Controlled (DCF), Snooze, Backlight



Figure 7.1: The compact size of the alarm clock shown in hand.

8. Warranty and Support

Braun products are manufactured to the highest quality standards. For information regarding warranty, returns, or technical support, please refer to the warranty card included with your product or visit the official Braun website. Keep your purchase receipt as proof of purchase.

For further assistance, you may also contact your retailer.

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