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Braun BC10B-DCF

Braun Digital Radio Controlled Alarm Clock

Model: BC10B-DCF

Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Braun Digital Radio Controlled Alarm Clock, Model BC10B-DCF. Please read this manual thoroughly before using the device to ensure proper functionality and longevity.

Product Overview

The Braun BC10B-DCF is a digital alarm clock designed for the Central European Time Zone, featuring radio-controlled time synchronization, a negative LCD display, and various useful functions.

Key Features:

- DCF Signal Radio Controlled function for Central European Time Zone (automatic time setting).
- Negative LCD display for enhanced readability.
- Displays date, month, and temperature (Celsius or Fahrenheit).
- Crescendo beep alarm for a gentle wake-up.
- Integrated snooze/backlight function with a 5-minute snooze interval.
- Continuous backlight function that illuminates the display when in a low-light environment.
- 12/24 hour display format option.



Figure 1: Front view of the Braun BC10B-DCF Digital Alarm Clock, displaying time, date, temperature, and alarm status.

Setup

1. Battery Installation

1. Locate the battery compartment on the back of the alarm clock.
2. Open the battery compartment cover.
3. Insert 2x AA batteries (not included), ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

Note: Always use fresh batteries and dispose of old batteries responsibly.

2. Initial Power On and DCF Signal Reception

Upon battery installation, the clock will automatically attempt to receive the DCF radio signal. This signal synchronizes the clock with the atomic time for the Central European Time Zone, ensuring accurate time, date, and automatic daylight saving adjustments.

- The radio-controlled function is designed for the Central European Time Zone ONLY (e.g., Germany, France, Netherlands, Belgium, Denmark, Switzerland, Northern Italy).
- If you are outside this zone or experience poor reception, the radio-controlled function can be switched off, and the time can be set manually.
- A signal icon (often resembling a radio tower or waves) on the display indicates successful reception.



Figure 2: The display indicating the radio-controlled signal reception. The signal icon confirms successful synchronization.

Operating Instructions

1. Manual Time Setting (if DCF is off or unavailable)

1. Locate the "SET" button (or similar) on the back or side of the clock.
2. Press and hold the "SET" button until the time display starts flashing.
3. Use the "+" and "-" buttons (or similar) to adjust the hours and minutes.
4. Press "SET" again to confirm each setting and move to the next (e.g., year, month, date).
5. Once all settings are confirmed, the display will stop flashing.

2. Setting the Alarm

1. Locate the "ALARM SET" button (or similar).
2. Press and hold "ALARM SET" until the alarm time display starts flashing.
3. Use the "+" and "-" buttons to adjust the desired alarm hour and minute.
4. Press "ALARM SET" again to confirm.
5. To activate/deactivate the alarm, use the dedicated "ALARM ON/OFF" switch or button. An alarm icon (bell) will

appear on the display when activated.



Figure 3: The display showing the set alarm time and the active alarm bell icon. The alarm features a crescendo beep.

3. Snooze and Backlight Function

- **Snooze:** When the alarm sounds, press the large "SNOOZE/LIGHT" button on the top of the clock. The alarm will pause for 5 minutes and then sound again.
- **Manual Backlight:** Press the "SNOOZE/LIGHT" button to illuminate the display for approximately 10 seconds.
- **Continuous Backlight:** The clock features a continuous backlight function that automatically illuminates the display in low-light environments to maintain legibility at night. This function can typically be toggled on/off via a switch on the back of the unit.

4. Display Information and Settings

- **Date, Month, Temperature:** The negative LCD display shows the current date, month, and ambient temperature.
- **Temperature Unit:** You can switch between Celsius (°C) and Fahrenheit (°F) using a dedicated switch or button, usually located on the back.
- **12/24 Hour Mode:** Toggle between 12-hour (with AM/PM indicator) and 24-hour time formats using a switch or button.

- **Display Contrast:** The contrast of the digital display may vary depending on the surrounding room lighting conditions.



Figure 4: The negative LCD display clearly showing the date, month, and temperature readings.



Figure 5: The negative LCD display, highlighting the option to switch between 12-hour and 24-hour time formats.

Maintenance

- **Cleaning:** Wipe the clock with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the display dims or functions become unreliable. Follow the battery installation steps outlined in the Setup section. Remove batteries if the clock will not be used for an extended period.
- **Environment:** Avoid exposing the clock to extreme temperatures, direct sunlight, or high humidity.

Troubleshooting

Problem	Possible Cause / Solution
Clock not displaying / dim display	• Batteries are low or incorrectly inserted. Replace batteries, ensuring correct polarity. • Continuous backlight may be off. Check the switch on the back.

Problem	Possible Cause / Solution
Incorrect time / Date not updating	• DCF signal not received. Ensure the clock is in an area with good reception and within the Central European Time Zone. • Radio-controlled function may be switched off. Check the DCF ON/OFF switch. • Manually set the time if DCF reception is consistently poor or unavailable.
Alarm not sounding	• Alarm is not activated. Ensure the alarm ON/OFF switch is in the "ON" position and the bell icon is visible on the display. • Alarm time is incorrectly set. Re-set the alarm time.

Specifications

Brand	Braun
Model Number	BC10B-DCF
Display Type	Digital, Negative LCD
Color	Black
Special Features	Alarm, Snooze, Temperature Display, Radio Controlled (DCF)
Product Dimensions	W 13.5cm x H 7.5cm x D 4.5cm (5.31"W x 2.95"H)
Power Source	Battery Powered (2 x AA batteries required, not included)
Item Weight	157 Grams (5.5 ounces)
Mounting Type	Tabletop
Material	Plastic

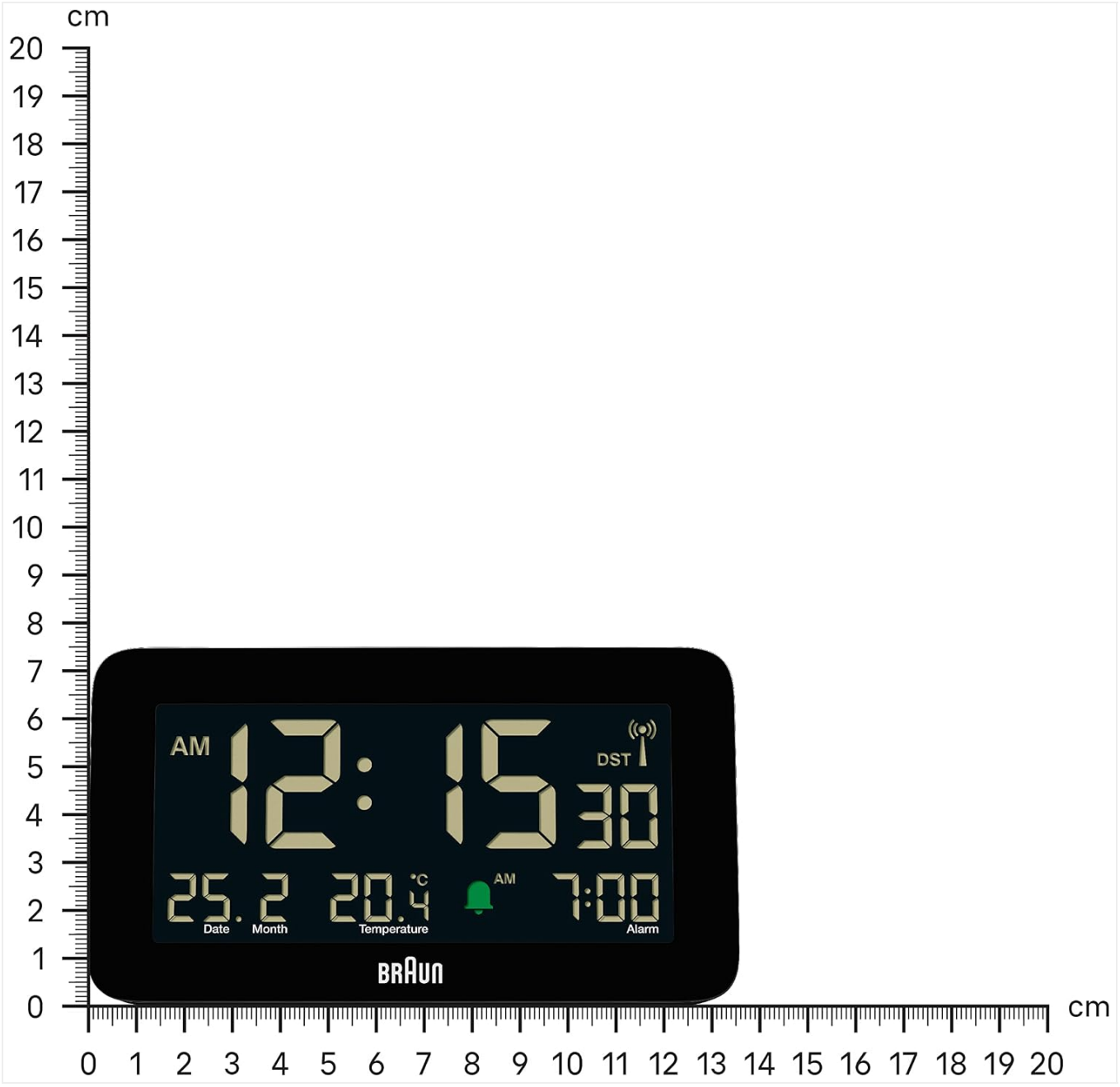


Figure 6: Visual representation of the alarm clock's dimensions in centimeters.

Warranty and Support

This Braun Digital Radio Controlled Alarm Clock comes with a**2-year guarantee** from the date of purchase. For technical support or warranty claims, please refer to the contact information provided with your purchase documentation or visit the official Braun website.

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