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Braun BC20BUS

Braun Digital Alarm Clock Model BC20B User Manual

Model: BC20BUS

Introduction

This manual provides comprehensive instructions for the Braun Digital Alarm Clock, Model BC20B. Designed with clarity and simplicity, this alarm clock features a clear vertical alignment VA LCD display, two USB-C charging ports, and a reliable alarm system. Please read this manual thoroughly to ensure proper setup and operation of your device.
Key features include:

- Optimal Visibility: VA LCD display with four adjustable brightness levels and automatic adjustment.
- Dual Charging Ports: Two USB-C ports (2.0A and 1.0A) for convenient device charging.
- Crescendo Beep Alarm: Alarm sound gradually increases in frequency and volume.
- Touch Snooze: 5-minute snooze interval activated by touch.
- Time Format: Easily switch between 12-hour and 24-hour display modes.
- Power Backup: Includes a memory back-up battery to maintain settings during power outages.

Package Contents

- 1x Braun Digital Alarm Clock (Model BC20B)
- 1x Power Adaptor
- 1x Memory Back-up Battery (CR2032)
- 1x Instructions & Warranty Card

Setup

1. Power Connection

Connect the included power adaptor to the DC 5.0V 3A port located on the back of the alarm clock. Plug the adaptor into a standard wall outlet. The clock requires the power adaptor to function.



Figure 1: Rear view of the Braun Digital Alarm Clock, highlighting the power input and USB-C charging ports.

2. Memory Back-up Battery Installation

A CR2032 memory back-up battery is included to maintain time and alarm settings in the event of a power outage. Locate the battery compartment on the back of the clock, open it, and insert the CR2032 battery with the positive (+) side facing up. Close the compartment securely.

3. Initial Time and Date Setting

Upon first power-up or after a full reset, the clock may display a default time.

1. Press the **Time** button (located on the back) to enter time setting mode.
2. Use the **+** and **-** buttons (on the side) to adjust the hours.
3. Press **Time** again to move to minutes, then use **+** and **-** to adjust.
4. Press the **Date** button (on the back) to enter date setting mode. Use **+** and **-** to set the year, month, and day.
5. Press **Time** or **Date** again, or wait a few seconds for the clock to exit setting mode automatically.

4. 12/24 Hour Format Selection

To switch between 12-hour (with AM/PM indicator) and 24-hour formats, press the **12/24H** button located on the side of the clock.



Figure 2: Front display of the clock in 12-hour format.



Figure 3: Front display of the clock in 24-hour format.

Operating Instructions

Setting the Alarm

1. Press the **Alarm Time** button (on the back) to enter alarm setting mode. The alarm time will flash.
2. Use the **+** and **-** buttons (on the side) to adjust the alarm hours.
3. Press **Alarm Time** again to move to minutes, then use **+** and **-** to adjust.
4. Press **Alarm Time** again or wait a few seconds to exit setting mode.

Activating/Deactivating the Alarm

To turn the alarm on or off, slide the **Alarm On/Off** switch located on the top of the clock. When the alarm is active, a bell icon will appear on the display.



Figure 4: Top view showing the alarm switch and snooze area.

Snooze Function

When the alarm sounds, touch the **Snooze** pad on the top of the clock to temporarily silence the alarm for 5 minutes. The alarm will sound again after the snooze interval.

Display Brightness Adjustment

The clock features an auto-brightness display that adjusts based on ambient light. You can also manually adjust the brightness using the **Brightness** button (on the back) to cycle through 4 levels.

Charging Devices via USB-C Ports

The clock is equipped with two USB-C charging ports on the back: one 2.0A port and one 1.0A port. Use these ports to charge compatible smartphones and other devices.

Maintenance

Cleaning

To clean the clock, gently wipe the display and casing with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these may damage the surface.

Battery Replacement

The CR2032 memory back-up battery should be replaced periodically, especially if the clock fails to retain time settings during a power interruption. Refer to the "Memory Back-up Battery Installation" section for replacement instructions.

Troubleshooting

Problem	Possible Cause	Solution
Clock display is blank or not functioning.	Power adaptor not connected or faulty.	Ensure the power adaptor is securely plugged into the clock and a working wall outlet. Check the power outlet.
Clock does not retain time/alarm settings after power outage.	Memory back-up battery is dead or not installed correctly.	Replace the CR2032 battery. Ensure it is inserted with correct polarity.
Buttons are unresponsive or stuck (e.g., time/date changes rapidly).	Internal software issue or button malfunction.	Perform a factory reset. Locate the **Reset** button (small pinhole) on the back of the clock and press it gently with a paperclip. This will clear all settings. Then, re-set the time and date.
Alarm does not sound.	Alarm is not activated or set incorrectly.	Ensure the **Alarm On/Off** switch is in the 'On' position (bell icon visible). Verify the alarm time is set correctly.
Display brightness is too dim or too bright.	Auto-brightness adjustment or manual setting.	Use the **Brightness** button on the back to cycle through the 4 brightness levels.

Specifications

Brand	Braun
Model Number	BC20BUS
Color	Black
Display Type	Digital (VA LCD)
Product Dimensions	5.5"W x 2.95"H (W14cm x H7.5cm x D4cm)
Item Weight	2.54 ounces
Power Source	Power Adaptor (Included)
Backup Battery	1x CR2032 (Included)
USB-C Output	2.0A and 1.0A
Frame Material	Acrylonitrile Butadiene Styrene

Special Features	Adjustable Brightness, Touch Snooze, Crescendo Alarm, 12/24 Hour Display



Figure 5: Dimensions of the Braun Digital Alarm Clock.

Warranty and Support

This Braun Digital Alarm Clock comes with a **2-year guarantee**. For warranty claims or technical support, please refer to the contact information provided on the included Warranty Card or visit the official Braun website for assistance.
Please retain your proof of purchase for warranty purposes.

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