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BLAUPUNKT CR80USB

Blaupunkt CRP81USB Digital Alarm Clock Radio Instruction Manual

Model: CR80USB

Brand: BLAUPUNKT

1. INTRODUCTION

Welcome to the instruction manual for your Blaupunkt CRP81USB Digital Alarm Clock Radio, Model CR80USB. This device combines a digital alarm clock with FM radio functionality, USB playback, a projection feature, and an external temperature sensor for enhanced convenience. Please read this manual carefully to ensure proper use and optimal performance of your new device.



Figure 1: Blaupunkt CRP81USB Digital Alarm Clock Radio with external temperature sensor and time projection.

2. SETUP

2.1 Unpacking

Carefully remove all components from the packaging. Verify that all items are present: the main unit, external temperature sensor, power adapter (if included), and this instruction manual.

2.2 Power Connection

The unit can be powered by batteries or an AC adapter (if provided). Insert 3 x AAA batteries (not included) into the battery compartment for backup power. Connect the AC adapter to the DC IN port on the unit and then to a wall outlet for primary power.

2.3 Initial Time Setting

Upon first power-up or after a power outage, the display may flash. Press the 'SET' button to enter time setting mode. Use the 'UP'/'DOWN' buttons (often combined with 'TUNING +/-') to adjust hours and minutes, then press 'SET' to confirm each step.

2.4 External Sensor Pairing

Place the external temperature sensor in your desired outdoor location, ensuring it is within range of the main unit. The sensor operates on 433 MHz frequency. The main unit should automatically detect and display the outdoor temperature. If not, refer to the 'Troubleshooting' section.

2.5 Antenna Setup

Extend the FM wire antenna fully for optimal radio reception. Position it away from other electronic devices to minimize interference.

3. OPERATING INSTRUCTIONS

3.1 Basic Controls Overview

Familiarize yourself with the buttons on the top panel: 'SET', 'MODE', 'ALARM 1', 'ALARM 2', 'SNOOZE/DIMMER', 'TUNING +/-', 'VOLUME +/-'.

3.2 Setting Time and Date

In normal time display mode, press and hold 'SET' to enter time setting. Use 'TUNING +/-' to adjust hours/minutes/year/month/day, pressing 'SET' to confirm each. Press 'MODE' to exit.

3.3 Setting Alarms

Press 'ALARM 1' or 'ALARM 2' button to select an alarm. Press and hold the selected alarm button to enter alarm setting mode. Use 'TUNING +/-' to set the alarm time and select alarm source (Buzzer, FM Radio, USB). Press the alarm button again to confirm. Press 'ALARM 1' or 'ALARM 2' repeatedly to activate/deactivate the alarm.

3.4 Radio Operation (FM)

Press the 'MODE' button to switch to FM radio mode. Use 'TUNING +/-' to manually tune to a station. Press and hold 'TUNING +/-' for automatic station search. Press 'SET' to save a station preset.

3.5 USB Playback

Insert a USB flash drive into the USB port. The unit will automatically switch to USB mode and begin playing compatible audio files. Use 'TUNING +/-' for track navigation and 'VOLUME +/-' for volume control.

3.6 Projection Feature

Locate the projection lens on the side of the unit. Press the 'PROJECTOR' button (or a dedicated switch) to activate the time projection. Rotate the lens or adjust the projection arm to focus and position the projected time on a wall or ceiling. Press 'PROJECTOR' again to turn off.



Figure 2: The projection arm of the Blaupunkt CRP81USB for displaying time on a surface.

3.7 Temperature Display

The main display shows indoor temperature. The outdoor temperature from the external sensor will be displayed alongside the time or can be toggled using a dedicated button (e.g., 'TEMP' or 'MODE').

4. MAINTENANCE

4.1 Cleaning

Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure the unit is unplugged before cleaning.

4.2 Battery Replacement

When the battery indicator appears, replace the backup batteries in the compartment. Ensure correct polarity.

4.3 Storage

If storing the unit for an extended period, remove all batteries and disconnect from power. Store in a cool, dry place.

5. TROUBLESHOOTING

- **No Power/Display:** Check AC adapter connection and wall outlet. Ensure batteries are correctly inserted and not depleted.
- **Poor Radio Reception:** Extend and reposition the FM antenna. Move the unit away from other electronic devices that may cause interference.
- **Alarm Not Sounding:** Verify alarm time is set correctly and the alarm is activated. Check volume level. Ensure alarm source (Buzzer/FM/USB) is selected properly.

- **Projection Unclear/Not Visible:** Adjust the focus of the projection lens. Ensure the projection arm is positioned correctly. Check ambient light conditions.
- **External Sensor Not Displaying Temperature:** Ensure the sensor has fresh batteries and is within range of the main unit. Try re-pairing by removing and reinserting sensor batteries, then restarting the main unit.
- **USB Playback Issues:** Ensure the USB drive is formatted correctly (FAT32) and contains compatible audio files (e.g., MP3). Try a different USB drive.

6. SPECIFICATIONS

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| Brand | BLAUPUNKT |
| Model Number | CR80USB |
| Special Features | Portable, Projection, External Temperature Sensor, USB Playback |
| Tuning Technology | FM |
| Power Source | Battery Powered (with AC adapter option) |
| Frequency | 433 MHz (for external sensor) |
| ASIN | B07KYMQNML |

7. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please refer to the warranty card included in your product packaging or contact Blaupunkt customer service through their official website.