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› Denver CRP-515 Digital Alarm Clock with FM Radio and 180° Projection User Manual

Denver CRP-515

Denver CRP-515 Digital Alarm Clock with FM Radio and 180° Projection User Manual

Model: CRP-515

1. INTRODUCTION

Thank you for purchasing the Denver CRP-515 Digital Alarm Clock. This device combines a clear LED time display, dual alarm functionality, FM radio, and a unique 180-degree time projection feature. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your alarm clock.

2. SAFETY INSTRUCTIONS

- Read all instructions carefully before using the device.
- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- Ensure the power adapter is easily accessible and unplugged during thunderstorms or when unused for long periods.
- Do not place the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Clean only with a dry cloth.
- Do not block any ventilation openings.

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your Denver CRP-515 alarm clock.



Figure 1: Front view of the Denver CRP-515 digital alarm clock, displaying the time '17:17' in blue LED digits on a black background. The clock has a sleek, rectangular design with silver-colored sides.



Figure 2: Angled view of the Denver CRP-515 digital alarm clock, showing the time '10:06' projected in red digits onto a surface above the clock. The clock's blue LED display also shows '10:06'. Control buttons are visible on the top surface.

Key Components:

- **LED Display:** Shows current time, alarm status, and radio frequency.
- **Projection Lens:** Projects time onto a wall or ceiling.
- **Control Buttons:** Various buttons for setting time, alarms, radio, and other functions (e.g., TIME SET, ALARM 1/2, RADIO/FM, TUNE, VOLUME, SNOOZE/SLEEP, PROJECTION, FOCUS).
- **Built-in Speaker:** For alarm sounds and radio playback.
- **Power Input:** For connecting the AC power adapter.

4. SETUP

4.1 Connecting Power

1. Unpack the Denver CRP-515 alarm clock and its power adapter.
2. Insert the small plug of the AC adapter into the DC IN jack located on the back of the unit.
3. Plug the AC adapter into a standard wall outlet (AC 230V, 50Hz).
4. The LED display will light up, indicating the unit is powered on.

4.2 Initial Time Setting

Upon first power-up or after a power interruption, the time may need to be set.

1. Press and hold the **TIME SET** button. The hour digits will begin to flash.
2. Press the **HOURL** button repeatedly to adjust the hour.
3. Press the **MINUTE** button repeatedly to adjust the minute.
4. Press **TIME SET** again to confirm and exit time setting mode.

5. OPERATING INSTRUCTIONS

5.1 Setting Alarms (Dual Alarm)

The CRP-515 features two independent alarms.

1. Press and hold the **ALARM 1** button. The alarm hour digits will flash.
2. Use the **HOURL** and **MINUTE** buttons to set the desired alarm time for Alarm 1.
3. Press **ALARM 1** again to select the alarm source (Buzzer or Radio). An indicator will show the selected source.
4. Press **ALARM 1** once more to confirm and activate Alarm 1. An alarm icon will appear on the display.
5. Repeat the process using the **ALARM 2** button to set the second alarm.

5.2 FM Radio Operation

1. Press the **RADIO/FM** button to turn on the FM radio. The frequency will appear on the display.
2. **Manual Tuning:** Press the **TUNE +** or **TUNE -** buttons briefly to adjust the frequency step by step.
3. **Automatic Scan:** Press and hold the **TUNE +** or **TUNE -** buttons to automatically scan for the next available station.
4. **Adjusting Volume:** Use the **VOLUME +** or **VOLUME -** buttons to adjust the sound level.
5. **Saving Presets:** While listening to a station, press and hold the **MEMORY** button. Use **TUNE +** or **TUNE -** to select a preset number, then press **MEMORY** again to save.
6. **Recalling Presets:** Briefly press the **MEMORY** button, then use **TUNE +** or **TUNE -** to cycle through saved stations.
7. To turn off the radio, press the **RADIO/FM** button again.

5.3 Time Projection Feature

The alarm clock can project the current time onto a wall or ceiling.

- **Activating Projection:** Press the **PROJECTION** button to turn the projection on or off.
- **180° Rotation:** Rotate the projection lens (usually located on the top or side) to adjust the projection angle by up to 180 degrees for optimal viewing.
- **Focus Adjustment:** Use the **FOCUS** wheel or knob (typically near the projection lens) to sharpen the projected image.

5.4 Snooze Function

When an alarm sounds, press the large **SNOOZE/SLEEP** button to temporarily silence the alarm for approximately 9 minutes. The alarm will sound again after the snooze period.

5.5 Sleep Timer

The sleep timer allows you to fall asleep to the radio, which will automatically turn off after a set period.

1. While the radio is playing, press the **SNOOZE/SLEEP** button repeatedly to cycle through available sleep timer durations (e.g., 90, 60, 30, 15 minutes, OFF).
2. The radio will automatically turn off after the selected time.

5.6 Display Brightness

To adjust the brightness of the LED display, press the **DIMMER** button (if available) or the **TIME SET** button briefly when not in setting mode. Cycle through different brightness levels.

6. MAINTENANCE

To maintain your alarm clock in good condition:

- Disconnect the power adapter before cleaning.
- Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the projection lens clean for a clear image.

7. TROUBLESHOOTING

- **No Power / Display Off:**
 - Ensure the AC adapter is securely plugged into both the unit and a working wall outlet.
 - Check if the power outlet is functional.
- **Alarm Not Sounding:**
 - Verify that the alarm is activated (alarm icon visible on display).
 - Check if the alarm time is correctly set.
 - Ensure the volume for radio alarm is not set to minimum.
- **Poor Radio Reception:**
 - Extend the FM antenna fully.
 - Adjust the position of the unit for better reception.
 - Move away from other electronic devices that may cause interference.
- **Projected Time is Blurry:**
 - Adjust the **FOCUS** wheel/knob on the projection lens until the image is clear.
 - Ensure the projection lens is clean.

8. SPECIFICATIONS

- **Model:** CRP-515
- **Display Type:** LED (4.5cm / 1.8")
- **Radio Bands:** FM, PLL Digital Tuner
- **Alarms:** Dual Alarm (Buzzer/Radio)
- **Projection:** 180° Rotatable, Red Time Projection with Focus Adjustment
- **Special Features:** Snooze Function, Sleep Timer, Calendar
- **Power Source:** AC 230V ~ 50Hz
- **Dimensions (W x D x H):** 18 x 7.5 x 10 cm
- **Weight:** 450 g
- **Material:** Plastic

9. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For detailed warranty information, please refer to the warranty card included with your purchase or contact your retailer. For technical support or service inquiries, please visit the official Denver Electronics website or contact their customer service department.

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