

RCA RCDW10

RCA RCDW10 Alarm Clock Radio with NOAA Weather Alerts User Manual

Model: RCDW10

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your RCA RCDW10 Alarm Clock Radio. This device combines a digital alarm clock with an AM/FM radio and essential NOAA Weather Alert capabilities, designed to keep you informed and on schedule.

2. IMPORTANT SAFETY INFORMATION

- Read all instructions before operating the unit.
- Keep this manual for future reference.
- Do not expose the unit to dripping or splashing water.
- Ensure proper ventilation; do not block ventilation openings.
- Use only attachments/accessories specified by the manufacturer.
- Unplug the unit during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

- RCA RCDW10 Alarm Clock Radio
- AC Power Cord
- User Manual (this document)

Note: A 9V battery for backup power is not included and must be purchased separately.

4. PRODUCT OVERVIEW

Front View



Figure 4.1: Front view of the RCA RCDW10 Alarm Clock Radio. This image displays the large, red LED time display, along with indicators for PM, Buzzer, AL1, Radio, NOAA, AL2.

The top panel shows buttons for CLK/MEM, SET, DIMMER, AL1 VOL+, AL2 VOL-, SNOOZE/SLEEP, and SOURCE/AL OFF.

Rear View



Figure 4.2: Rear view of the RCA RCDW10 Alarm Clock Radio. This image highlights the adjustable telescoping antenna, the battery compartment for backup power, the AC power input, and the AUX input jack for connecting external audio devices. A speaker grille is also visible.

Top Panel Controls

- + NOAA weather alerts*
- + Digital clock
- + Snooze/Sleep
- + AM/FM radio
- + AUX input

* AC power mode only

- + Digital PLL tuned
- + Dimmer
- + AC POWER:
Plug in for continuous use
- + Power outage battery
backup (sold separately)



Figure 4.3: Top panel controls of the RCA RCDW10 Alarm Clock Radio. This image clearly labels the buttons: NOAA, CLK/MEM, SET, DIMMER, AL2 VOL-, AL1 VOL+, SNOOZE/SLEEP, and SOURCE/AL OFF. The plus and minus buttons for tuning are also visible.

Familiarize yourself with the buttons and ports:

- **CLK/MEM:** Clock/Memory button for setting time and saving radio presets.
- **SET:** Used in conjunction with CLK/MEM for setting time and alarms.
- **DIMMER:** Adjusts the brightness of the display.
- **AL1 VOL+ / AL2 VOL-:** Adjusts alarm volume and is used for setting alarms.
- **SNOOZE/SLEEP:** Activates snooze during an alarm or sleep timer during radio playback.
- **SOURCE/AL OFF:** Toggles between AM/FM/Weather Band/AUX modes and turns off the active alarm.
- **NOAA:** Activates the NOAA Weather Band.
- **Tuning Buttons (+/-):** Used for tuning radio frequencies and adjusting time/alarm settings.
- **Antenna:** Telescoping antenna for improved radio reception.
- **AUX Input:** 3.5mm jack for connecting external audio devices.
- **Battery Compartment:** For 9V battery backup.

5. SETUP

5.1 Power Connection

1. Plug the AC power cord into the AC IN jack on the back of the unit.
2. Plug the other end of the power cord into a standard wall outlet (AC 120V, 60Hz).
3. The unit will power on, and the display will show a flashing time (e.g., 12:00 AM).

5.2 Battery Backup Installation

The unit requires one 9V battery (not included) for battery backup. This feature retains your time and alarm settings during a power outage.

1. Open the battery compartment cover on the back of the unit.
2. Insert a new 9V battery, observing the correct polarity (+ and -).
3. Close the battery compartment cover securely.

Note: Battery backup only maintains settings; the display will not illuminate, and alarms will not sound during a power outage.

5.3 Antenna Adjustment

For optimal AM/FM and Weather Band reception, extend the telescoping antenna fully and adjust its position. For AM reception, rotating the unit itself may also improve signal quality.

6. OPERATING INSTRUCTIONS

6.1 Setting the Clock Time

1. Press and hold the **CLK/MEM** button until the display flashes.
2. Use the **+** or **-** tuning buttons to adjust the hour. Observe the **PM** indicator for correct AM/PM setting.
3. Press the **CLK/MEM** button again. The minute digits will flash.
4. Use the **+** or **-** tuning buttons to adjust the minutes.
5. Press the **CLK/MEM** button once more to save the time and exit clock setting mode.

6.2 Display Dimmer

Press the **DIMMER** button repeatedly to cycle through different brightness levels for the display (High, Medium, Low, Off).

6.3 Setting Alarms (Alarm 1 and Alarm 2)

You can set two independent alarms. The procedure is similar for both.

1. **To Set Alarm 1:** Press and hold the **AL1 VOL+** button until the alarm time flashes.
2. Use the **+** or **-** tuning buttons to adjust the alarm hour. Observe the **PM** indicator.
3. Press **AL1 VOL+** again. The minute digits will flash.
4. Use the **+** or **-** tuning buttons to adjust the alarm minutes.
5. Press **AL1 VOL+** again to select the alarm source: **Buzzer** or **Radio**. The corresponding indicator (Buzzer or Radio) will light up.
6. If Radio is selected, use the **+** or **-** tuning buttons to set the desired wake-up volume.

7. Press **AL1 VOL+** one last time to save Alarm 1 settings. The AL1 indicator will remain lit.

8. **To Set Alarm 2:** Follow the same steps using the **AL2 VOL-** button.

6.4 Snooze Function

When an alarm sounds, press the **SNOOZE/SLEEP** button to temporarily silence it. The alarm will sound again after approximately 9 minutes. You can repeat this several times.

6.5 Turning Off Alarms

- **To turn off the current alarm:** Press the **SOURCE/AL OFF** button. The alarm will be reset for the next day.
- **To disable an alarm permanently:** Press the corresponding alarm button (**AL1 VOL+** or **AL2 VOL-**) repeatedly until the AL1 or AL2 indicator light turns off.

6.6 Radio Operation (AM/FM/Weather Band)

1. Press the **SOURCE/AL OFF** button repeatedly to cycle through radio bands: FM, AM, NOAA, AUX.
2. **Manual Tuning:** Use the + or - tuning buttons to adjust the frequency step by step.
3. **Auto Scan Tuning:** Press and hold the + or - tuning buttons for a few seconds. The radio will automatically scan and stop at the next strong station.

6.7 Saving and Recalling Radio Presets

You can store your favorite radio stations for quick access.

1. Tune to the desired station (AM or FM).
2. Press and hold the **CLK/MEM** button until "P01" (or the next available preset number) flashes on the display.
3. Use the + or - tuning buttons to select the desired preset number (P01-P10).
4. Press **CLK/MEM** again to save the station to the selected preset.
5. **To Recall Presets:** In radio mode, briefly press the **CLK/MEM** button repeatedly to cycle through your saved presets.

6.8 NOAA Weather Alerts

The RCA RCDW10 is equipped to receive NOAA Weather Alerts, providing critical information during severe weather events.

INSTANT WEATHER ALERTS

When an alert is issued by the National Weather Service,
Localized Reception automatically alerts you.



TORNADOS



FLOODS



HURRICANES



EARTHQUAKES

Figure 6.1: The RCA RCDW10 Alarm Clock Radio highlighting its NOAA Weather Alert feature. When an alert is issued by the National Weather Service, the unit automatically provides localized reception and alerts for events such as tornadoes, floods, hurricanes, and earthquakes.

- When the unit is in NOAA Weather Band mode (selected via **SOURCE/AL OFF** button), it continuously monitors for weather alerts.
- Upon receiving an alert, the unit will sound an alarm and display the NOAA indicator.
- The alert system is designed to provide timely warnings for various natural disasters, including tornadoes, hurricanes, heavy rain/flooding, and earthquakes.
- Ensure the antenna is fully extended for best reception of NOAA broadcasts.

6.9 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 sleep timer options (e.g., 90, 60, 30, 15 minutes, OFF).
2. The radio will play for the selected duration and then automatically turn off.

6.10 AUX Input

Connect an external audio device (e.g., MP3 player, smartphone) to the AUX IN jack on the back of the unit using a 3.5mm audio cable (not included).

1. Press the **SOURCE/AL OFF** button until "AUX" appears on the display.
2. Play audio from your connected device. The sound will be output through the clock radio's speaker.
3. Adjust the volume using the volume controls on your external device and the clock radio.

7. MAINTENANCE

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace the 9V backup battery annually or when the battery low indicator appears (if applicable) to ensure settings are retained during power outages.
- **Storage:** If storing the unit for an extended period, remove the 9V backup battery to prevent leakage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Power cord not properly connected.	Ensure the AC power cord is securely plugged into the unit and a working wall outlet.
Display is blank during power outage.	Battery backup only retains settings, does not power display.	This is normal operation. The display will return when AC power is restored.
Poor radio reception.	Antenna not extended or positioned correctly; interference.	Extend the telescoping antenna fully and adjust its direction. Try repositioning the unit. Avoid placing near other electronic devices.
Alarm does not sound.	Alarm not set or disabled; volume too low.	Verify alarm settings (AL1/AL2 indicators should be lit). Check alarm volume if set to radio. Ensure the unit has AC power.
NOAA alerts not received.	Not in NOAA mode; poor reception; no alerts issued.	Ensure the unit is in NOAA Weather Band mode. Extend and adjust the antenna. Confirm if any alerts are active in your area.

9. SPECIFICATIONS

- **Model:** RCDW10
- **Power Source:** AC 120V, 60Hz
- **Battery Backup:** 1 x 9V battery (not included)
- **Radio Bands:** AM, FM, NOAA Weather Band
- **Display:** Digital LED, Dimmable
- **Features:** Dual Alarms, Snooze, Sleep Timer, AUX Input, NOAA Weather Alerts
- **Dimensions:** Approximately 5.3 in (W) x 3.2 in (H) x 2.6 in (D) / 13.5 cm (W) x 8.1 cm (H) x 6.6 cm (D)
- **Weight:** Approximately 399 g

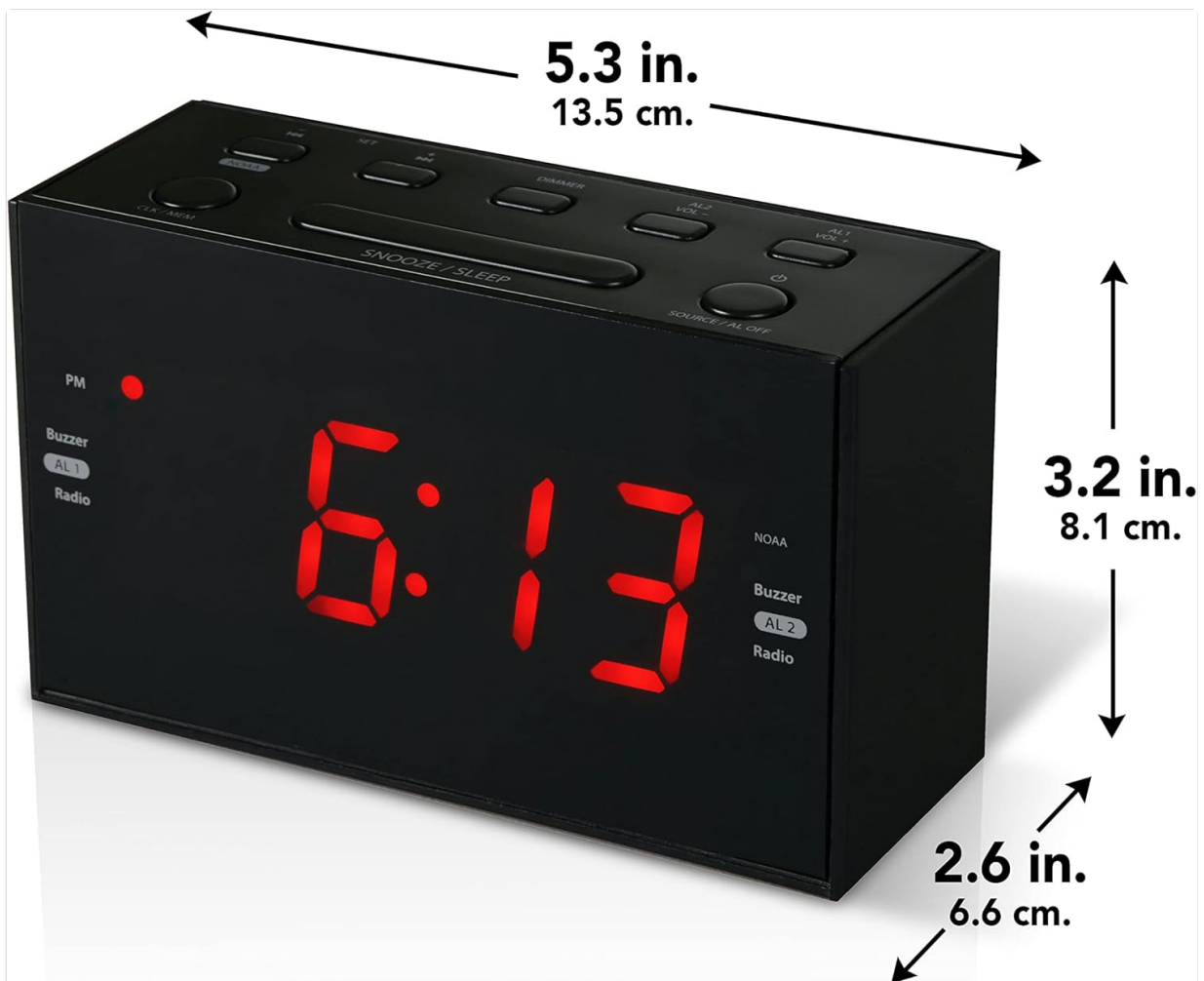



Figure 9.1: Dimensions of the RCA RCDW10 Alarm Clock Radio. The unit measures approximately 5.3 inches (13.5 cm) in width, 3.2 inches (8.1 cm) in height, and 2.6 inches (6.6 cm) in depth.

10. WARRANTY AND SUPPORT

RCA products are designed for reliability and performance. For warranty information or technical support, please refer to the warranty card included with your purchase or visit the official RCA support website. Keep your proof of purchase for warranty claims.

Please note that specific warranty terms may vary by region and retailer.

	<p><u>RCA RCPJ100 Digital Alarm Clock with Projector User Manual</u></p> <p>User manual for the RCA RCPJ100 digital alarm clock, detailing features such as time and date setting, alarm functions, temperature and humidity display, and projector operation. Includes safety instructions and warranty information.</p>
	<p><u>RCA RCPJ100A1 Digital Alarm Clock with Time Projector User Manual</u></p> <p>User manual for the RCA RCPJ100A1 digital alarm clock, featuring time projection, temperature and humidity display, alarm functions, and battery backup. Includes safety instructions, setup, operation, and warranty information.</p>
	<p><u>RCA Television User's Guide: Setup, Features, and Troubleshooting</u></p> <p>Comprehensive user's guide for RCA televisions (models 20F670T, 27V570T, 27F670T, 32F670T), covering setup, connections, remote control operation, Alert Guard system, parental controls, menu navigation, troubleshooting, and warranty information from Thomson Inc. Visit www.rca.com for support.</p>
	<p><u>RCA RCWS100A Weather Station Alarm Clock with Full Color Display</u></p> <p>Detailed information about the RCA RCWS100A Weather Station Alarm Clock, featuring a full-color display, time, date, day calendar, alarm, snooze, indoor temperature and humidity monitoring, weather forecast, and history records. Includes one-year limited warranty and USB power option.</p>
	<p><u>RCA Wireless Charging Alarm Clock with Multi-Color Nightlight User Guide</u></p> <p>User guide for the RCA Wireless Charging Alarm Clock with Multi-Color Nightlight, detailing setup, time and alarm configuration, display brightness, nightlight features, and device charging capabilities via wireless and USB ports.</p>
	<p><u>RCA RCQ510 Wireless Charging Alarm Clock with Nightlight User's Guide</u></p> <p>Comprehensive user guide for the RCA RCQ510 Wireless Charging Alarm Clock. Learn setup, time/alarm setting, brightness control, nightlight usage, and wireless/USB charging.</p>