

RCA RC207A

RCA USB Charging Clock Radio

USER MANUAL

Product Overview

The RCA USB Charging Clock Radio (Model RC207A) is a compact bedside device designed for convenience and functionality. It features a 0.6-inch blue LED display, an FM radio with programmable presets, and dual wake-up alarms. A key feature is the integrated USB charging port, allowing you to power your smartphone or other USB-charged devices directly from the unit. Additional functions include a sleep timer and snooze, along with a no-worry battery backup to maintain time settings during power outages.

Key Features:

- USB charging port for smartphones and other devices.
- 0.6-inch Blue LED Display for clear time viewing.
- FM radio with multiple presets for easy access to your favorite stations.
- Dual Wake, Sleep, and Snooze functions for flexible alarm settings.
- Wake to either FM radio or a traditional alarm tone.
- No-worry battery backup system to preserve settings during power interruptions.

Setup and Initial Operation

Power Connection

To begin, connect the clock radio to a standard AC power outlet using the provided power cord. For optimal performance and to ensure time retention during brief power interruptions, install a 9V battery (not included) into the battery compartment located on the bottom of the unit. This battery backup will maintain your time and alarm settings.



Image: The RCA USB Charging Clock Radio, displaying the time 12:05 on its blue LED screen. The unit is black with control buttons on top and a USB port on the side.

Setting the Time

1. Press and hold the **Set Time** button located on the top panel until the display begins to flash.
2. While the time is flashing, press the **Hour +** button repeatedly to adjust the hour. Observe the PM indicator light to ensure you set the correct AM or PM time.
3. Press the **Minute +** button repeatedly to adjust the minutes.
4. Once the desired time is set, press the **Set Time** button again to confirm and exit the setting mode. The display will stop flashing.

USB Charging Function

The clock radio features a convenient USB charging port on its side. Simply connect your device's USB charging cable to this port to begin charging. This port is designed for charging only and does not support data transfer.

USB Charging Port



Image: A circular graphic with the text "USB Charging Port" and a USB symbol, indicating the charging capability of the device.

Operating Your Clock Radio

FM Radio Operation

- Press the **ON/OFF** button to turn the radio on or off.
- Use the **TUNE -** or **TUNE +** buttons to manually tune to your desired FM station.
- To automatically scan for the next available station, press and hold the **TUNE -** or **TUNE +** button until the frequency starts scanning.
- Adjust the volume using the **VOL -** or **VOL +** buttons.
- To set a radio preset, tune to the desired station, then press and hold the **Recall/Store** button until the preset number flashes. Use the **TUNE +** or **TUNE -** buttons to select a preset number, then press **Recall/Store** again to save.

Alarm Functions (Dual Wake)

The clock radio supports two independent alarms (AL1 and AL2).

1. Press and hold the **AL1 Set** or **AL2 Set** button until the alarm time flashes.
2. Use the **Hour +** and **Minute +** buttons to set the desired alarm time.
3. Press the **AL1 Set** or **AL2 Set** button again to confirm the time.
4. Press the **Beep/Music/Off** button to cycle through wake options: Beep (alarm tone), Music (radio), or Off. The corresponding indicator light (BEEP or MUSIC) will illuminate.
5. To turn off a sounding alarm, press the **ON/OFF** button.

Sleep Timer and Snooze

- **Sleep Timer:** While the radio is on, press the **Sleep** button repeatedly to cycle through sleep timer durations (e.g., 90, 60, 30, 15 minutes, or OFF). The radio will automatically turn off after the selected time.
- **Snooze:** When an alarm sounds, press the large **SNOOZE** button to temporarily silence the alarm for approximately 9 minutes. The alarm will sound again after the snooze period.

Display Brightness

To adjust the brightness of the blue LED display, press and hold the **Dimmer** button. The display will cycle through different brightness levels, allowing you to select your preferred setting.

Care and Maintenance

- Keep the unit dry. If it gets wet, wipe it dry immediately.
- Use and store the unit in normal temperature environments.
- Keep the unit away from dust and dirt.
- Handle the unit gently; do not drop or strike it.
- Clean the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Replace the 9V battery annually or when the display flashes continuously, indicating low battery.

Troubleshooting

Issue	Possible Cause	Solution
Time display is flashing.	Power interruption or initial setup.	Reset the time using the "Setting the Time" instructions. Ensure battery backup is installed.
Display is too bright/dim.	Brightness setting needs adjustment.	Press and hold the Dimmer button to cycle through brightness levels.
Poor FM radio reception.	Antenna position or interference.	Extend and reposition the FM wire antenna for better reception. Avoid placing near other electronic devices.
Alarm does not sound.	Alarm not set or volume too low.	Verify alarm time and wake mode (Beep/Music) are correctly set. Increase radio volume if waking to music.

Product Specifications

Feature	Specification
Brand	RCA
Model Number	RC207A
Display Type	Digital LED (Blue)
Product Dimensions	5"W x 2.7"H
Power Source	Corded Electric
Material	Plastic (Acrylonitrile Butadiene Styrene)
Item Weight	9.6 ounces
Special Features	Alarm, Auto Dimmable, Snooze, USB Charging

Warranty and Support

This product is manufactured by Audiovox Accessories Corporation. For detailed warranty information and customer support, please refer to the official documentation provided with your purchase or visit the manufacturer's website. A digital version of the user manual is available for download:[User Manual \(PDF\)](#). For more products and information from RCA, visit the official RCA Store:[RCA Store on Amazon](#).

Proposition 65 Warning:

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question