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RCA RCS27

RCA RCS27 Digital Radio Alarm Clock User Manual

Model: RCS27

Introduction

Thank you for purchasing the RCA RCS27 Digital Radio Alarm Clock. This device is designed to provide a reliable alarm clock experience with added features such as soothing sounds, FM radio, and a convenient USB charging port. Please read this manual thoroughly before operating the unit to ensure proper use and to maximize its features.

Figure 1: The RCA RCS27 Digital Radio Alarm Clock, shown with its product packaging. This image provides a general overview of the product's appearance.

Safety Information

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

- Do not expose this product to rain or moisture.
- Do not place objects filled with liquids, such as vases, on the product.
- Ensure proper ventilation and do not block any ventilation openings.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this product during lightning storms or when unused for long periods of time.

Setup

1. Power Connection

1. Unpack the RCA RCS27 Digital Radio Alarm Clock and all accessories from the box.
2. Connect the provided AC power adapter to the DC IN jack on the back of the unit.
3. Plug the AC power adapter into a standard wall outlet (AC 120V, 60Hz).
4. The display will light up, indicating the unit is receiving power.

2. Initial Time Setting

Upon first power-up or after a power interruption, the clock display may flash.

- Press and hold the **SET TIME** button.
- While holding **SET TIME**, press the **HOUR+** button to adjust the hour. Observe the PM indicator for correct AM/PM setting.
- While holding **SET TIME**, press the **MINUTE+** button to adjust the minute.
- Release the **SET TIME** button to confirm the time.

3. Display Brightness Control

The display brightness can be adjusted to your preference.

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

Figure 2: Overview of the RCA RCS27's key features, including the adjustable display brightness and USB charging port.

Operating Instructions

1. Setting Alarms (AL1 and AL2)

The unit features dual alarms (AL1 and AL2) that can be set independently.

1. Press and hold the **AL1 SET** or **AL2 SET** button to set the desired alarm. The alarm time will flash.
2. While holding the respective **AL SET** button, press **HOUR+** to adjust the alarm hour.
3. While holding the respective **AL SET** button, press **MINUTE+** to adjust the alarm minute.
4. Release the **AL SET** button to confirm the alarm time.
5. Press the **AL1 SET** or **AL2 SET** button repeatedly to cycle through alarm modes:

- **BEEP:** Wakes you with a standard alarm tone.
- **MUSIC:** Wakes you with the last selected soothing sound or FM radio station.
- **OFF:** Turns the alarm off.

6. The corresponding alarm indicator (AL1 or AL2) will light up on the display when an alarm is active.

2. Snooze Function

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

3. Sleep Function

The sleep function allows you to fall asleep to soothing sounds or FM radio, which will automatically turn off after a set period.

- While the unit is playing FM radio or soothing sounds, press the **SLEEP** button repeatedly to cycle through sleep timer options (e.g., 90, 60, 30, 15 minutes, OFF).
- The unit will automatically turn off after the selected time.

4. FM Radio Operation

- Press the **ON/OFF/SOURCE** button to turn on the unit and select FM radio mode.
- Press the **TUNE+** or **TUNE-** buttons to manually tune to a desired FM station.
- Press and hold **TUNE+** or **TUNE-** to automatically scan for the next available station.
- Adjust the volume using the **VOL+** or **VOL-** buttons.

5. Soothing Sounds

The unit includes 6 built-in soothing sounds to help you relax or fall asleep.

- Press the **SOOTHING SOUNDS** button repeatedly to cycle through the available sounds: Ocean Waves, White Noise, Nature Sounds, Soft Music, etc.
- Adjust the volume using the **VOL+** or **VOL-** buttons.

Figure 3: The RCA RCS27 highlighting its feature of 6 relaxing sounds, including ocean waves, nature sounds, and white noise.

Figure 4: A detailed close-up of the control panel on the RCA RCS27, showing buttons for ON/OFF, Source, Sleep, Snooze, Set Time, Volume, Tune, and Hour/Minute adjustments.

6. USB Charging Port

The USB port on the side of the unit is for charging your mobile devices (e.g., smartphone, tablet).

- Connect your device's USB charging cable to the USB port on the RCA RCS27.
- Ensure your device begins charging. The charging speed may vary depending on the device and cable.

Maintenance

Cleaning the Unit

- Before cleaning, unplug the unit from the power outlet.
- Use a soft, dry cloth to wipe the exterior surfaces.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
- Keep the unit dry. Avoid exposing it to water or excessive moisture.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Power adapter not connected or outlet is not active.	Ensure the AC power adapter is securely plugged into the unit and a working wall outlet. Try a different outlet.
Alarm does not sound.	Alarm is not set, or alarm volume is too low, or alarm mode is OFF.	Verify alarm time is set correctly. Check that the alarm mode is set to BEEP or MUSIC. Increase the volume.
Poor FM radio reception.	Weak signal or interference.	Extend the FM antenna fully. Reposition the unit to improve reception. Avoid placing near other electronic devices that may cause interference.
USB charging is slow or not working.	Cable issue, device compatibility, or high power demand.	Ensure the USB cable is functional and properly connected. Some devices may require more power than the port provides. Try a different USB cable or device.

Specifications

Feature	Detail
Brand	RCA
Model Number	RCS27
Display Type	Digital
Power Source	Corded Electric
Product Dimensions (W x H x D)	5.36" W x 1.85" H x 4.11" D
Item Weight	9.9 ounces (0.62 Pounds)
Special Features	Alarm, Snooze, Dual Alarms, Soothing Sounds, USB Charging Port, Brightness Control
Radio Bands Supported	FM
Material	Acrylonitrile Butadiene Styrene (ABS)
Connectivity Technology	USB

Figure 5: Physical dimensions of the RCA RCS27 Digital Radio Alarm Clock, showing its height, width, and depth.

Warranty and Support

Limited Warranty

The RCA RCS27 Digital Radio Alarm Clock comes with a**1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modifications, or external causes such as power surges.

Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact RCA customer support. Refer to the official RCA website or the product packaging for the most current contact information.
You may also find additional resources, including a PDF version of the user guide, on the product's Amazon page or the RCA support website.
Download User Guide (PDF)

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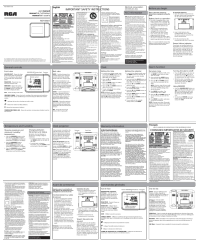
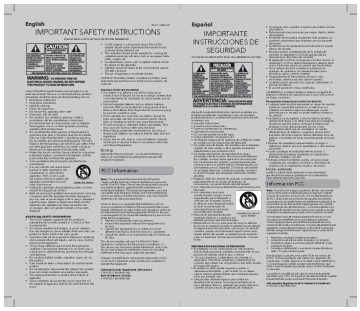
Related Documents - RCS27

	RCA RCS27 USB Charging Clock Radio with Soothing Sounds User Manual Comprehensive user guide for the RCA RCS27 clock radio, detailing setup, operation of radio, soothing sounds, dual alarms, sleep timer, dimmer, and general controls. Features USB charging capability.

	RCA Wireless Charging Alarm Clock with Multi-Color Nightlight User Guide 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.
	RCA RCPJ100 Digital Alarm Clock with Projector User Manual 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.
	RCA RCPJ100A1 Digital Alarm Clock with Time Projector User Manual 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.
	RCA RCQ510 Wireless Charging Alarm Clock with Nightlight User's Guide Comprehensive user guide for the RCA RCQ510 Wireless Charging Alarm Clock. Learn setup, time/alarm setting, brightness control, nightlight usage, and wireless/USB charging.
	RCA RP5600 Clock Radio with CD Player User Manual User manual for the RCA RP5600 clock radio with CD player, detailing features, operation, safety, and warranty information.

Documents - RCA – RCS27



[pdf] Installation Guide Instructions Accessories

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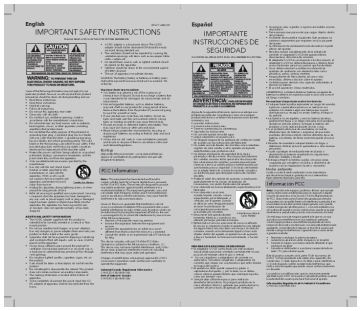

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