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› RCA RC345 Bluetooth Alarm Clock Radio Stereo System User Manual

RCA RC345

RCA RC345 Bluetooth Alarm Clock Radio Stereo System User Manual

Model: RC345

INTRODUCTION

This manual provides instructions for the setup, operation, maintenance, and troubleshooting of your RCA RC345 Bluetooth Alarm Clock Radio Stereo System. Please read this manual thoroughly before using the device to ensure proper function and to maximize your user experience.

SETUP

1. Power Connection

Connect the provided power adapter to the DC 5V input port on the back of the unit and then plug it into a standard wall outlet. The unit will power on and the display will illuminate.



Image: Rear view of the RCA RC345, highlighting the DC 5V power input and the USB charging port. The power cable is shown connected to the DC 5V port.

2. Battery Backup Installation

For battery backup functionality, install 2 AAA batteries (not included) into the battery compartment located on the bottom of the unit. This ensures that time and alarm settings are retained during a power outage.

3. Initial Time Setting

1. Press and hold the **TIME SET** button. The hour digits on the display will begin to flash.
2. Use the **TRACK ◀◀** or **TRACK ▶▶** buttons to adjust the hour. Pay attention to the AM/PM indicator.
3. Press the **TIME SET** button again. The minute digits will flash.
4. Use the **TRACK ◀◀** or **TRACK ▶▶** buttons to adjust the minutes.
5. Press the **TIME SET** button one more time to confirm and exit time setting mode.

OPERATING INSTRUCTIONS



Image: Top view of the RCA RC345, illustrating the layout of the control buttons including Bluetooth, FM, Volume, Display Brightness, Time Set, Alarm Set, Sleep, Off, Track, Play/Pause, and Snooze.

1. Power On/Off

Press the **OFF** button to turn the unit off. Press the **BLUETOOTH** or **FM** button to turn the unit on and select the desired mode.

2. Volume Control

Use the **VOLUME +** and **VOLUME -** buttons to adjust the audio output level.

3. Bluetooth Pairing and Playback

1. Press the **BLUETOOTH** button to enter Bluetooth mode. The Bluetooth indicator on the display will flash.
2. Enable Bluetooth on your smartphone, tablet, or other Bluetooth-enabled device.
3. Search for "RCA RC345" in your device's Bluetooth settings and select it to pair.
4. Once paired, the Bluetooth indicator will stop flashing and remain solid. You can now stream audio wirelessly.
5. Use the **PLAY/PAUSE** ►► button to play or pause audio.
6. Use the **TRACK** ◀◀ or **TRACK** ▶▶ buttons to skip tracks.

4. FM Radio Operation

1. Press the **FM** button to enter FM radio mode.
2. Press and hold the **TRACK** ◀◀ or **TRACK** ▶▶ buttons to automatically scan for the next available station.
3. Briefly press the **TRACK** ◀◀ or **TRACK** ▶▶ buttons to manually tune the frequency step by step.

5. Setting the Alarm

The RC345 features **SMARTSNOOZE** for easy multi-button control and **GRADUWAKE** for a gradual alarm volume increase.

1. Press and hold the **ALARM SET** button. The alarm hour digits will flash.
2. Use the **TRACK** ◀◀ or **TRACK** ▶▶ buttons to set the desired alarm hour (observe AM/PM).
3. Press **ALARM SET** again. The alarm minute digits will flash.
4. Use the **TRACK** ◀◀ or **TRACK** ▶▶ buttons to set the desired alarm minutes.
5. Press **ALARM SET** again to select the alarm source:

- **BEEP**: Standard alarm tone.
- **FM**: Wake to FM radio.
- **BLUETOOTH**: Wake to audio from a paired Bluetooth device.

6. Press **ALARM SET** one more time to confirm and activate the alarm. An alarm icon will appear on the display.

6. Snooze Function

When the alarm sounds, press the large **SNOOZE** button to temporarily silence the alarm for a few minutes. The alarm will sound again after the snooze period.

7. Display Brightness

Press the **DISPLAY BRIGHTNESS** button repeatedly to cycle through the three available display intensity levels (High, Medium, Low) to suit your preference.

8. USB Charging Port

The unit includes a USB charging port (DC 5V) on the back. Connect your smartphone or tablet's USB charging cable to this port to charge your device. This port is for charging only and does not support data transfer.



Image: Rear view of the RCA RC345, showing the USB charging port. A USB cable is plugged into the port, demonstrating its use for charging external devices.

MAINTENANCE

- **Cleaning:** Wipe the unit with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Battery Replacement:** If the battery backup is used, replace the AAA batteries annually or when the unit experiences frequent power outages to ensure settings are retained.

- **Storage:** If storing the unit for an extended period, disconnect it from the power outlet and remove the backup batteries.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Power adapter not connected or outlet is not active.	Ensure the power adapter is securely plugged into the unit and a working wall outlet.
Bluetooth device cannot pair.	Bluetooth mode not active on unit or device, or device is too far.	Press the BLUETOOTH button. Ensure your device's Bluetooth is on and within range (approx. 30 feet). Try restarting both devices.
No sound from FM radio.	Poor reception or incorrect station.	Adjust the unit's position. Try scanning for other stations. Ensure the FM antenna (if external) is properly extended.
Alarm does not sound.	Alarm not set or volume too low.	Verify the alarm is set and the alarm icon is visible on the display. Increase the volume.
Display is too bright/dim.	Incorrect brightness setting.	Press the DISPLAY BRIGHTNESS button to cycle through intensity levels.

SPECIFICATIONS

- **Model:** RC345
- **Brand:** RCA
- **Connectivity Technology:** Bluetooth, USB
- **Audio Output Mode:** Stereo
- **Speaker Type:** Indoor
- **Additional Features:** Alarm, Built-in Clock, SMARTSNOOZE, GRADUWAKE
- **Control Method:** Touch
- **Power Source:** AC Adapter (DC 5V), Battery Powered (for backup)
- **Item Weight:** 1.1 pounds
- **Color:** Black
- **Compatible Devices:** Smartphone, Tablet
- **UPC:** 044476123092

WARRANTY INFORMATION

This product comes with a **One-year limited warranty**. For detailed terms and conditions, please refer to the warranty card included with your purchase or contact customer support.

CUSTOMER SUPPORT

For further assistance, technical support, or warranty claims, please visit the official RCA website or refer to the contact information provided in your product packaging.

You can also visit the [RCA Store on Amazon](#) for more product information.

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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