

## RCA RT2911

# RCA RT2911 1000-Watt Home Theater System User Manual

Model: RT2911

## 1. INTRODUCTION

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Welcome to the user manual for your RCA RT2911 1000-Watt Home Theater System. This system is designed to provide an immersive audio experience for your movies, music, and games. Featuring 1000 Watts of 5.1-Channel Dolby Digital sound and versatile HDMI switching, the RT2911 integrates seamlessly into your home entertainment setup. This manual provides essential information for safe operation, setup, and maintenance of your new home theater system.

## 2. SAFETY INFORMATION

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Please read all safety instructions carefully before operating the system. Retain this manual for future reference.

- **Power Source:** Connect the system only to the type of power source indicated on the marking label.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings. Maintain a minimum distance around the apparatus for sufficient ventilation.
- **Water and Moisture:** Do not expose the system to rain, moisture, dripping, or splashing. Do not place objects filled with liquids, such as vases, on the apparatus.
- **Heat:** Do not place the system near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Cables:** Protect power cords from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- RCA RT2911 Home Theater System Receiver
- Subwoofer
- Satellite Speakers (5 units)

- Remote Control
- HDMI cables
- Auxiliary cable
- User Manual (this document)

## 4. SETUP

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### 4.1 Speaker Placement

Proper speaker placement is crucial for an optimal surround sound experience. Each speaker is marked on its back to indicate its intended position. The speaker wires are color-coded to match the corresponding ports on the receiver.

- **Front Left/Right Speakers:** Place these speakers to the left and right of your television, equidistant from your primary listening position.
- **Center Speaker:** Position the center speaker directly above or below your television, centered with the screen.
- **Surround Left/Right Speakers:** Place these speakers to the sides or slightly behind your primary listening position, facing towards the listening area.
- **Subwoofer:** The subwoofer can be placed anywhere in the room, typically near the front speakers, but experiment with placement for the best bass response.

### 4.2 Connections

Follow these steps to connect your home theater system. Refer to the image below for a visual guide to the rear panel connections.



*Image: Rear panel connections of the RCA RT2911 receiver. This view shows the various input and output ports, including HDMI, optical, coaxial, and color-coded speaker terminals.*

1. **Speaker Connections:** Connect each speaker wire to its corresponding color-coded terminal on the back of the receiver. Ensure correct polarity (+ to + and - to -).
2. **HDMI Connections:**
  - Connect your source devices (e.g., Blu-ray player, game console) to the HDMI INPUT ports (HDMI 1, HDMI 2, HDMI 3) on the receiver.
  - Connect the HDMI OUTPUT port on the receiver to an HDMI INPUT port on your television. This will send video from your source devices and audio from the receiver to your TV.
3. **Audio Input Connections:**
  - **Optical Audio:** For digital audio from your TV or other devices, connect an optical cable from the device's optical output to the OPTICAL IN port on the receiver.
  - **Coaxial Audio:** For digital audio, connect a coaxial cable from the device's coaxial output to the COAXIAL IN port on the receiver.
  - **RCA Analog Audio:** For analog audio, connect RCA (red and white) cables from your device's audio output to the corresponding RCA INPUT ports on the receiver (e.g., TV, CD).
  - **Line-in:** Use the auxiliary cable to connect portable audio products to the Line-in port.
4. **Power Connection:** Once all audio and video connections are made, plug the receiver's power cord into a

wall outlet.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Basic Operation

- **Power On/Off:** Press the POWER button on the front panel or remote control to turn the system on or off.
- **Input Selection:** Use the INPUT/SOURCE buttons on the remote or front panel to cycle through available inputs (HDMI 1, HDMI 2, HDMI 3, Optical, Coaxial, TV, CD, Line-in, Tuner).
- **Volume Control:** Use the VOLUME +/- buttons on the remote or front panel to adjust the master volume.
- **Mute:** Press the MUTE button on the remote to temporarily silence the audio. Press again to restore sound.

### 5.2 Sound Modes and Settings

Your system offers various sound modes to enhance your listening experience.

- **Surround Sound Modes:** The system automatically detects the incoming audio signal (e.g., Dolby Digital 5.1). You can select various surround sound processing modes, such as DOLBY PL II :MUSIC for radio or other stereo sources to simulate surround sound.
- **Speaker Calibration:** Access the setup menu via the remote control to adjust individual speaker levels and distances. This allows the system to optimize sound delivery based on your room layout and listening position.
- **Equalizer Presets:** In stereo mode, you can select from preset equalizer settings like Rock, Pop, or Jazz to tailor the sound to your preference.

### 5.3 AM/FM Tuner Operation

The system includes an integrated AM/FM tuner.

- **Selecting Tuner:** Press the TUNER button on the remote or front panel to switch to radio mode.
- **Scanning for Stations:** Use the tuning buttons to scan for available radio stations.
- **Saving Presets:** You can save up to 30 FM and 30 AM channels as presets for quick access. Refer to the on-screen display or receiver's display for instructions on saving and recalling presets.

## 6. MAINTENANCE

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To ensure the longevity and optimal performance of your home theater system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces of the receiver and speakers. Do not use liquid cleaners or aerosol sprays, as they may damage the finish or internal components.
- **Ventilation:** Regularly check that the ventilation openings on the receiver are not blocked by dust or debris. Proper airflow prevents overheating.
- **Cable Management:** Ensure all cables are neatly organized and not pinched or under excessive tension.

## 7. TROUBLESHOOTING

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If you encounter issues with your system, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
No sound or intermittent sound	<p>Ensure all speaker wires are securely connected to the correct terminals.</p> <p>Verify the correct input source is selected on the receiver.</p> <p>Check that the volume is not muted or set too low.</p> <p>If using HDMI, ensure you are using high-speed HDMI cables.</p> <p>If experiencing frequent sound drop-outs with a cable box connected via HDMI, try connecting the cable box to your TV directly via HDMI and then sending audio from the TV to the receiver via optical or coaxial audio cables.</p>
Echo effect or distorted sound	<p>Mute your television's internal speakers. The sound should only come from the home theater system.</p> <p>Ensure the TV volume is set to 0.</p>
Loud fan noise from receiver	<p>Ensure the receiver has adequate ventilation and is not placed in an enclosed space.</p> <p>Clean any dust from the ventilation openings.</p>
Audio delay or lag when switching sources/pausing	<p>This is a known characteristic of some systems. You may need to rewind content slightly after pausing or switching sources to catch the beginning of the audio.</p>
Unbalanced speaker levels	<p>Access the system's setup menu via the remote control to adjust the volume level of individual speakers (front, center, surround, subwoofer).</p>
No 5.1 audio for certain games (e.g., PS3)	<p>Check the audio output settings on your game console (e.g., PlayStation 3). You may need to uncheck 5.1 options or adjust the digital audio output format.</p>
Poor sound quality (lack of mid-range or treble)	<p>In stereo mode, try experimenting with the available EQ presets (Rock, Pop, Jazz, etc.) to find a sound profile that suits your preference.</p>

## 8. SPECIFICATIONS

Key technical specifications for the RCA RT2911 Home Theater System:

Feature	Specification
Brand	RCA
Model Number	RT2911
Speaker Maximum Output Power	1000 Watts (145W x 4 + 210W x 2)
Number of Audio Channels	5.1
Audio Output Mode	Surround
Connectivity Technology	HDMI, Optical, Coaxial, RCA, Line-in
HDMI Inputs	3
HDMI Outputs	1
Subwoofer Connectivity	Wired

Feature	Specification
Control Method	Remote Control
Item Weight	24 Pounds
Power Source	Corded Electric
Compatible Devices	MP3 Player, Laptop, Television, Projector

## 9. WARRANTY AND SUPPORT

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Your RCA RT2911 Home Theater System comes with a **Limited Warranty**. Please refer to the warranty card included in your package for specific terms, conditions, and duration of coverage.

For technical support, service inquiries, or to obtain replacement parts, please contact RCA customer service. Contact information can typically be found on the RCA official website or on your product packaging.