RCA SB642BT

RCA SB642BT LED Soundbar 50 Watts Hi-Fi Audio User Manual

Model: SB642BT

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your RCA SB642BT LED Soundbar. Please read this manual thoroughly before using the product and retain it for future reference.

Package Contents:

- RCA SB642BT Soundbar
- Remote Control
- AC Power Adapter
- 3.5mm Audio Cable
- User Manual (this document)

2. IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, and injury to persons.

- Do not expose this appliance to rain or moisture.
- Do not block any ventilation openings.
- Do not install near any heat sources.
- Protect the power cord from being walked on or pinched.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this appliance during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.

3. PRODUCT OVERVIEW

The RCA SB642BT is a 50-watt Hi-Fi soundbar designed to enhance your audio experience. It features multiple

connectivity options and integrated LED lighting.

Front View:

Image Description: A black RCA SB642BT soundbar viewed from the front, with the RCA logo on the left. A small black remote control is positioned next to it. The soundbar has a sleek, rectangular design with a speaker grille covering the front.

The front of the soundbar features the main speaker grille and integrated control buttons on the top surface. The RCA logo is visible on the left side.

Rear View and Connections:

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Image Description: The rear panel of the RCA SB642BT soundbar, displaying various input ports. These include USB, Optical Digital, HDMI, and Aux 3.5mm connections, along with the power input. A product label is also visible.

The rear panel houses all input and power connections. These include USB, Optical Digital, HDMI, and a 3.5mm Auxiliary input. Ensure cables are connected securely.

Dimensions:

Image Description: A diagram illustrating the dimensions of the RCA SB642BT soundbar. The length is shown as 85 cm, the height as 7.5 cm, and the depth as 10 cm.

Length: 85 cm

Height: 7.5 cm

Depth: 10 cm

4. SETUP

4.1 Placement

Place the soundbar on a stable, flat surface, preferably directly in front of your television or display. Ensure there is adequate space around the unit for proper ventilation.

Image Description: The RCA SB642BT soundbar positioned on a cabinet directly beneath a television screen. The soundbar's LED lights are illuminated, indicating operation. This illustrates a typical setup configuration.

4.2 Connecting to Power

1. Connect the AC power adapter to the DC IN port on the back of the soundbar.
2. Plug the other end of the power adapter into a wall outlet.
3. The soundbar will enter standby mode.

4.3 Audio Connections

Choose one of the following methods to connect the soundbar to your audio source (e.g., TV, computer, smartphone).

- **HDMI (ARC):** If your TV supports HDMI ARC, connect an HDMI cable from the HDMI ARC port on your TV to the HDMI port on the soundbar. This allows audio to be sent from the TV to the soundbar and often enables control of the soundbar with your TV remote.

- **Optical Digital:** Connect an optical cable from the OPTICAL OUT port on your TV or audio source to the OPTICAL IN port on the soundbar.

- **3.5mm Auxiliary:** Connect the supplied 3.5mm audio cable from the headphone jack or AUX OUT port on your device to the AUX IN port on the soundbar.

- **USB:** Insert a USB flash drive containing audio files into the USB port on the soundbar. The soundbar will automatically switch to USB mode and begin playback.

- **Bluetooth:** For wireless connection, refer to the "Bluetooth Pairing" section in Operating Instructions.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- Press the **POWER** button on the remote control or on the top panel of the soundbar to turn the unit on or off.

5.2 Selecting Input Source

- Press the **INPUT** button on the remote control or on the top panel of the soundbar repeatedly to cycle through available input sources: HDMI, OPTICAL, AUX, USB, BLUETOOTH.
- The current input source will be displayed on the LED indicator.

5.3 Volume Control

- Press **VOL+** to increase volume and **VOL-** to decrease volume.
- Press the **MUTE** button to temporarily silence the audio. Press again to restore sound.

5.4 Bluetooth Pairing

1. Turn on the soundbar and select BLUETOOTH mode using the **INPUT** button. The LED indicator will flash, indicating pairing mode.
2. Enable Bluetooth on your mobile device (smartphone, tablet, etc.).
3. Search for "RCA SB642BT" in the list of available devices and select it to pair.
4. Once paired, the LED indicator will stop flashing and remain solid. You can now play audio from your device through the soundbar.
5. The maximum Bluetooth range is approximately 10 meters (33 feet).

5.5 LED Lighting

The soundbar features integrated LED lights at the bottom. These lights can be controlled via the remote control (if a dedicated button exists, otherwise it's automatic or cycles with modes).

Todas las generaciones contigo.

Image Description: The RCA SB642BT soundbar with its integrated LED lights illuminated in a multi-color display along the bottom edge. The LED display shows "3509", likely indicating a time or mode.

6. MAINTENANCE

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the surface of the soundbar. Do not use liquid cleaners or aerosol sprays.
- **Storage:** If storing the soundbar for an extended period, unplug it from the power outlet and store it in a cool, dry place.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No power	Power cord not connected; Wall outlet not active	Ensure power cord is securely connected; Try a different outlet
No sound	Incorrect input source selected; Volume too low; Mute is active; Cables not connected properly	Select correct input source; Increase volume; Deactivate Mute; Check all audio cable connections
Bluetooth pairing fails	Soundbar not in pairing mode; Device too far; Interference	Ensure soundbar is in Bluetooth mode and flashing; Move device closer; Turn off other Bluetooth devices
Remote control not working	Batteries depleted; Obstruction between remote and soundbar	Replace remote control batteries; Remove any obstructions; Ensure remote is pointed at the soundbar's sensor

8. SPECIFICATIONS

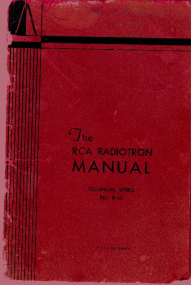|	
Model:	SB642BT
Output Power:	50 Watts RMS (25W x 2)
Audio Output Mode:	Stereo (2.0 Channel)
Frequency Response:	150 Hz - 20 kHz
Connectivity:	Bluetooth, USB, Optical Digital, HDMI (ARC), 3.5mm Auxiliary
Bluetooth Range:	Up to 10 meters (33 feet)
Dimensions (L x H x D):	85 cm x 7.5 cm x 10 cm
Material:	Plastic
Power Source:	AC Power Adapter
Included Accessories:	Remote Control, AC Power Adapter, 3.5mm Audio Cable

9. WARRANTY AND SUPPORT

This RCA SB642BT Soundbar comes with a **1-year limited warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use.

For warranty claims or technical support, please contact RCA customer service. Keep your proof of purchase for warranty validation.

Note: The warranty does not cover damage caused by misuse, accident, unauthorized modification, or external causes such as power surges.

Related Documents - SB642BT

	[RingConn Gen 2 Smart Ring User Manual and Product Information](#) Comprehensive guide to the RingConn Gen 2 Smart Ring, including safety instructions, package contents, product specifications, usage, maintenance, warranty information, and FCC compliance.
	[The RCA Radiotron Manual - Technical Series R-10](#) A technical manual from RCA Radiotron detailing the characteristics, application, and manufacturing of various radio tubes, including diodes, triodes, tetrodes, and pentodes. Features an index of tube types and technical specifications.
	[WITSHOCK MX3 Soundbar: User Manual and Setup Guide](#) Explore the WITSHOCK MX3 Soundbar, a 2.1 channel home theater system with built-in subwoofer. This guide covers setup, connections (Bluetooth, HDMI ARC, Optical, RCA, AUX, USB), remote control, troubleshooting, and specifications for your WITSHOCK audio experience.
	[Bluesound PULSE SOUNDBAR+ Wireless Streaming Sound System Owner's Manual](#) Owner's manual for the Bluesound PULSE SOUNDBAR+ wireless streaming sound system, detailing features, connectivity, setup, placement options, status indicators, port descriptions, and factory reset procedures.
	[RCA Ultra HD Smart TV Safety Precautions and Getting Started Guide](#) Comprehensive safety precautions, important instructions, accessories list, and getting started guide for RCA Ultra HD Smart TVs, including remote control and battery information.
	[SYLVANIA 32" Bluetooth Soundbar SB3200 Instruction Manual](#) Instruction manual for the SYLVANIA 32" Bluetooth Soundbar, Model SB3200. Covers safety, placement, mounting, product overview, remote control, battery installation, basic operation, AUX-in, Bluetooth pairing and playback, troubleshooting, specifications, and accessories.