

Sunbuck e4632fd7-ef03-4eb6-b93b-3813ddef7462

# Sunbuck Stereo Amplifier Bluetooth 5.0 User Manual

Model: e4632fd7-ef03-4eb6-b93b-3813ddef7462

## 1. INTRODUCTION

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Thank you for purchasing the Sunbuck Stereo Amplifier Bluetooth 5.0. This amplifier is designed to provide high-quality audio for your home entertainment system, offering versatile input options including Bluetooth, USB, SD card, FM radio, and RCA inputs. Its compact design and robust construction ensure reliable performance and easy integration into any setup. Please read this manual carefully before operating the device to ensure proper use and to maximize its performance.

## 2. SAFETY INFORMATION

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- **Power Source:** Ensure the power supply voltage matches the requirements specified on the amplifier. Use only the provided power adapter or a compatible one.
- **Ventilation:** Do not block any ventilation openings. Place the amplifier in a well-ventilated area to prevent overheating.
- **Water and Moisture:** Do not expose the amplifier to rain, moisture, or dripping/splashing liquids. Do not place objects filled with liquids, such as vases, on the apparatus.
- **Heat:** Keep the amplifier away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Unplug the amplifier from the power outlet before cleaning. Use a dry, soft cloth for cleaning. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Speaker Connections:** Ensure speakers are correctly connected with proper polarity before powering on the amplifier to avoid damage.

## 3. PACKAGE CONTENTS

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Please check the package for the following items:

- Sunbuck Stereo Amplifier Bluetooth 5.0
- Power Adapter

- Remote Control
- FM Antenna
- User Manual

## 4. PRODUCT OVERVIEW

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The Sunbuck Stereo Amplifier Bluetooth 5.0 is a versatile audio solution designed for both indoor and outdoor use. It delivers a robust sound experience with multiple connectivity options.

### 4.1 Key Features

- **Sufficient Power:** Max 300W x 2 power output (RMS 50W x 2) for impactful sound.
- **High Fidelity:** Upgraded audio processing chips ensure low distortion and noise.
- **Excellent Bluetooth Compatibility:** Bluetooth 5.0 for seamless connection with smartphones, tablets, laptops, and other devices.
- **Compact Design:** Space-saving size fits easily into bookshelves or AV cabinets.
- **Solid and Durable:** Built with high-quality components for long-lasting reliability.
- **Diverse Input Methods:** Supports Bluetooth, USB, SD card, FM radio, AUX, CD/DVD, and Microphone inputs.
- **2-Channel Speaker Output:** Connects to various speaker types including bookshelf, computer, ceiling, and car/motorcycle speakers.

### 4.2 Front Panel Controls and Inputs

# BOOKSHELF SMALL COMPACT SPACELESS



**Image:** Front panel of the Sunbuck Stereo Amplifier. This image displays the amplifier's front panel, highlighting the digital display, input selection buttons, USB and SD card slots, and control knobs for Treble, Bass, Volume, Microphone Volume, and Echo. Icons for Bluetooth, USB, SD, AUX, Microphones, FM, and CD/DVD inputs are also visible, indicating the flexible and diverse input methods available.

- **Power Switch:** AC/OFF/DC.
- **Input Selector:** Button to cycle through input sources (Bluetooth, USB, SD, FM, AUX, CD/DVD).
- **USB/SD Card Slots:** For playing audio files directly from USB drives or SD cards.
- **Digital Display:** Shows current mode, track information, or FM frequency.
- **Playback Controls:** Play/Pause, Previous, Next, Repeat.
- **Treble Control:** Adjusts high-frequency audio levels.
- **Bass Control:** Adjusts low-frequency audio levels.
- **Master Volume:** Controls the overall output volume.
- **Microphone Inputs (MIC1, MIC2):** For connecting microphones.
- **MIC Volume:** Adjusts the volume of connected microphones.
- **Echo Control:** Adds an echo effect to microphone audio.

- **MIC Tone:** Adjusts the tone of microphone audio.

### 4.3 Rear Panel Connections

EASILY FITS YOUR AUDIO SYSTEM



iPhone/  
Android devices



ipad



PC/Laptop  
Windows/Mac



CD/Media players

AUDIO INPUT BY RCA/BLUETOOTH



2 CHANNEL SPEAKER OUTPUT



TV/Blue-ray



Outdoor/Bookshelf  
speakers



Computer  
/Home speakers



Ceiling  
speakers



Car/Motorcycle  
speakers

**Image:** Rear panel of the Sunbuck Stereo Amplifier. This image details the rear connections of the amplifier, including the RCA audio input jacks (CD, LINE), speaker output terminals (R and L for 4Ω-16Ω speakers), FM antenna input, DC 12V power input, and AC power input. Safety warnings and power specifications are also visible.

- **Audio Input (RCA):** Connect external audio sources like CD/DVD players, TVs, or other media players.
- **Speaker Output Terminals:** Connect passive speakers (4Ω-16Ω impedance).
- **FM Antenna Input:** Connect the included FM antenna for radio reception.
- **Power Input (DC 12V):** For connecting the DC power adapter.
- **Power Input (AC):** For connecting the AC power cord.

## 5. SETUP INSTRUCTIONS

### 5.1 Connecting Speakers

1. Ensure the amplifier is powered off and unplugged.

2. Connect your passive speakers to the speaker output terminals on the rear panel. Match the positive (+) terminal of the amplifier to the positive (+) terminal of the speaker, and the negative (-) terminal of the amplifier to the negative (-) terminal of the speaker.
3. Ensure all connections are secure to prevent short circuits. The amplifier supports speakers with an impedance of 4Ω-16Ω.

## 5.2 Connecting Audio Sources

### 5.2.1 RCA Input

1. Connect an RCA cable from the audio output of your external device (e.g., CD player, DVD player, TV, media player) to the RCA input jacks (CD or LINE) on the rear panel of the amplifier.
2. Ensure left (white) and right (red) channels are matched correctly.

### 5.2.2 USB Drive / SD Card

1. Insert a USB drive into the USB port or an SD card into the SD card slot on the front panel.
2. The amplifier will automatically detect and switch to the USB/SD input mode and begin playing compatible audio files.

### 5.2.3 FM Antenna

1. Connect the included FM antenna to the FM ANT input on the rear panel.
2. Extend the antenna for optimal reception.

### 5.2.4 Microphones

1. Plug your microphones into the MIC1 or MIC2 input jacks on the front panel.

## 5.3 Power Connection

1. Connect the power adapter to the DC 12V input on the rear panel, or the AC power cord to the AC input.
2. Plug the power adapter or cord into a suitable wall outlet.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Powering On/Off

Toggle the power switch on the front panel to the 'AC' or 'DC' position to turn the amplifier on. Toggle to 'OFF' to turn it off.

### 6.2 Selecting Input Source

Press the 'INPUT' button on the front panel or the remote control repeatedly to cycle through the available input sources: Bluetooth, USB, SD, FM, AUX, CD/DVD.

### 6.3 Adjusting Volume and Tone

- **Master Volume:** Rotate the 'VOLUME' knob on the front panel to increase or decrease the overall sound level.
- **Treble/Bass:** Rotate the 'TREBLE' and 'BASS' knobs to adjust the high and low frequencies of the audio output.

### 6.4 Bluetooth Pairing

1. Switch the amplifier's input mode to 'Bluetooth'. The display will show 'BLUE' or a similar indicator, and a

pairing tone may be heard.

2. On your Bluetooth device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select 'SUNBUCK' or a similar name from the list of devices.
4. Once paired, a confirmation tone will sound, and you can now play audio from your device through the amplifier.

## 6.5 FM Radio Operation

1. Switch the amplifier's input mode to 'FM'.
2. Press the 'AUTO' button (or similar on remote) to automatically scan and save available FM stations.
3. Use the 'PREV' and 'NEXT' buttons (or 'CH-' / 'CH+') to navigate between saved stations.

## 6.6 USB/SD Playback

1. Once a USB drive or SD card is inserted, the amplifier will automatically switch to USB/SD mode.
2. Use the 'PLAY/PAUSE', 'PREV', and 'NEXT' buttons to control playback.
3. The 'REPEAT' button can be used to cycle through repeat modes (e.g., repeat one, repeat all).

## 6.7 Microphone Usage

1. Connect your microphones to the MIC1/MIC2 inputs.
2. Adjust the 'MIC VOL' knob to control the microphone volume.
3. Use the 'ECHO' knob to add or remove an echo effect.
4. Adjust the 'MIC TONE' knob to modify the microphone's sound characteristics.

## 7. MAINTENANCE

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- **Cleaning:** Regularly wipe the amplifier's exterior with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Ventilation:** Ensure the ventilation openings are free from dust and debris. Use a soft brush or compressed air to clean them if necessary.
- **Storage:** If storing the amplifier for an extended period, unplug it from the power source and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Connections:** Periodically check all cable connections for tightness and ensure they are free from damage.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet faulty; Power switch off.	Check power cord connection; Try a different outlet; Ensure power switch is in 'AC' or 'DC' position.
No sound output	Incorrect input source selected; Speaker cables loose or incorrectly connected; Volume too low; Audio source not playing.	Select the correct input source; Check speaker connections and polarity; Increase master volume; Ensure audio source is playing.

Problem	Possible Cause	Solution
Bluetooth pairing failure	Amplifier not in Bluetooth mode; Device too far; Bluetooth disabled on device; Interference.	Switch amplifier to Bluetooth mode; Move device closer; Enable Bluetooth on your device; Restart both devices.
Distorted sound	Volume too high; Incorrect tone settings; Poor audio source quality; Speaker impedance mismatch.	Reduce volume; Adjust Treble/Bass knobs; Use a higher quality audio source; Ensure speakers are 4Ω-16Ω.
Poor FM reception	Antenna not connected or poorly positioned; Weak signal.	Connect and extend the FM antenna; Reposition the antenna for better signal; Try auto-scanning again.
USB/SD not playing	Unsupported file format; Corrupted files; USB drive/SD card not properly inserted.	Ensure files are in a supported format (e.g., MP3); Check for corrupted files; Reinsert USB drive/SD card.

## 9. SPECIFICATIONS

Feature	Specification
Model Number	e4632fd7-ef03-4eb6-b93b-3813ddef7462
Brand	Sunbuck
Output Power	Max 300W x 2 (RMS 50W x 2)
Number of Channels	2.0
Connectivity Technology	Bluetooth 5.0, RCA, USB, SD, FM
Compatible Devices	Smartphone, iPad, Laptop, PC, CD/DVD Players, TV, Microphones
Speaker Impedance	4Ω-16Ω
Audio Output Mode	Stereo
Connector Type	RCA
Date First Available	January 11, 2024

## 10. WARRANTY AND SUPPORT

Sunbuck products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your purchase or contact your retailer. If you encounter any issues or have questions regarding the operation of your Sunbuck Stereo Amplifier, please contact Sunbuck customer support for assistance. Please have your model number (e4632fd7-ef03-4eb6-b93b-3813ddef7462) ready when contacting support.