Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Sundeer 371

Sundeer 2.1 Channel Mini Amplifier User Manual

Model: 371

1. Introduction

Thank you for purchasing the Sundeer 2.1 Channel Mini Amplifier. This compact and powerful amplifier is designed to deliver high-fidelity audio for various applications, including home, car, marine, and outdoor speaker systems. It features independent controls for bass, treble, and subwoofer volume, providing a customizable listening experience. Please read this manual thoroughly before operation to ensure proper use and to maximize the performance and longevity of your device.

2. Safety Information

- **Power Supply:** Use only the provided 12V 2A power adapter or a compatible power supply with the correct voltage and current ratings. Using an incorrect power supply may damage the amplifier and void the warranty.
- **Ventilation:** Ensure adequate ventilation around the amplifier. Do not block any ventilation openings. Overheating can lead to malfunction.
- **Liquid Exposure:** Keep the amplifier away from water, moisture, and other liquids. Do not operate with wet hands.
- **Placement:** Place the amplifier on a stable, flat surface. Avoid placing it in direct sunlight, near heat sources, or in environments with excessive dust or vibrations.
- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Servicing:** Do not attempt to open or repair the amplifier yourself. Refer all servicing to qualified personnel.

3. Package Contents

Please check the package for the following items:

- 1 x Sundeer 2.1 Channel Mini Amplifier
- 1 x 12V 2A Power Adapter
- 1 x User Manual (this document)

4. Product Overview

4.1 Front Panel Controls



Image: Front view of the Sundeer 2.1 Channel Mini Amplifier, showing the power switch, bass volume, treble, bass, and master volume knobs, and the AUX input. The included 12V 2A power adapter is also visible.

- **ON/OFF Switch:** Toggles the amplifier power on or off.
- **BASS VOL Knob:** Adjusts the volume level of the subwoofer output.
- **TREBLE Knob:** Adjusts the high-frequency response of the main stereo channels.
- **BASS Knob:** Adjusts the low-frequency response of the main stereo channels.
- **VOLUME Knob:** Controls the master volume level for the main stereo channels.
- **AUX Input (3.5mm):** Connects portable audio devices using a 3.5mm audio cable.

4.2 Rear Panel Connections

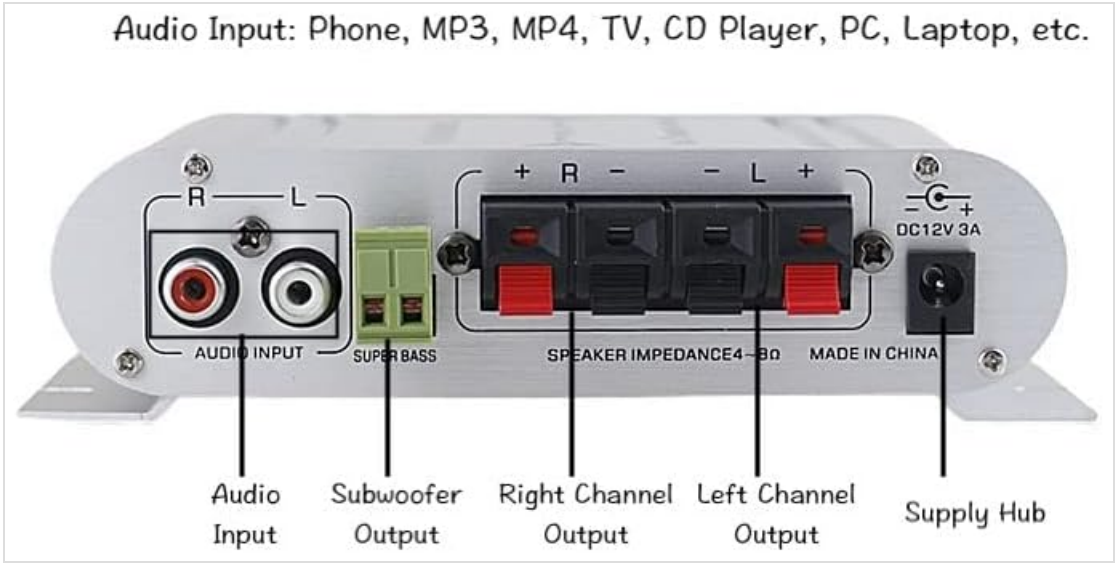


Image: Rear view of the Sundeer 2.1 Channel Mini Amplifier, clearly labeling the RCA audio input, subwoofer output, right channel output, left channel output, and DC 12V power supply hub.

- **AUDIO INPUT (RCA L/R):** Connects audio sources such as CD players, MP3/MP4 players, PCs, or TVs using RCA cables.
- **SUBWOOFER OUTPUT (SUPER BASS):** Connects to a passive subwoofer. Ensure correct polarity.
- **RIGHT CHANNEL OUTPUT (+/-):** Connects to the right passive speaker. Observe correct polarity (+ to + and - to -).
- **LEFT CHANNEL OUTPUT (+/-):** Connects to the left passive speaker. Observe correct polarity (+ to + and - to -).
- **DC 12V 3A (or 2A) SUPPLY HUB:**Connects the provided 12V 2A power adapter.

4.3 Dimensions



Image: Top-down view of the Sundeer 2.1 Channel Mini Amplifier with dimensions indicated: 15cm (length), 9cm (width), and 3.5cm (height).

5. Setup

1. **Connect Speakers:** Connect your passive stereo speakers to the LEFT and RIGHT CHANNEL OUTPUT terminals on the rear panel. Ensure that the positive (+) terminal of the amplifier connects to the positive (+) terminal of the speaker, and the negative (-) terminal of the amplifier connects to the negative (-) terminal of the speaker.

2. **Connect Subwoofer (Optional):** If using a passive subwoofer, connect it to the SUBWOOFER OUTPUT (SUPER BASS) terminals, observing correct polarity.
3. **Connect Audio Source:**
    - For RCA input: Connect your audio source (e.g., CD player, PC) to the AUDIO INPUT (RCA L/R) jacks using an RCA cable.
    - For AUX input: Connect your portable audio device (e.g., smartphone, MP3 player) to the AUX Input (3.5mm) jack on the front panel using a 3.5mm audio cable.
4. **Connect Power:** Insert the DC plug of the provided 12V 2A power adapter into the DC 12V SUPPLY HUB on the rear panel. Then, plug the power adapter into a suitable wall outlet.
5. **Initial Volume Setting:** Before powering on, turn the VOLUME knob on the front panel to its minimum position to avoid sudden loud sounds.

6. Operating Instructions

1. **Power On:** Flip the ON/OFF switch on the front panel to the 'ON' position. The power indicator light will illuminate.
2. **Play Audio:** Start playing audio from your connected source device.
3. **Adjust Volume:** Slowly turn the VOLUME knob clockwise to increase the master volume to your desired listening level.
4. **Adjust Bass and Treble:** Use the BASS and TREBLE knobs to fine-tune the low and high frequencies of your main speakers according to your preference.
5. **Adjust Subwoofer Volume:** If a subwoofer is connected, use the BASS VOL knob to adjust its output level independently.
6. **Power Off:** When finished, flip the ON/OFF switch to the 'OFF' position.

7. Maintenance

- **Cleaning:** Regularly wipe the amplifier's exterior with a soft, dry, lint-free cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Ventilation:** Ensure that the ventilation fins on the side of the amplifier remain clear of dust and debris to prevent overheating.
- **Storage:** If storing the amplifier for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight and extreme temperatures.

8. Troubleshooting

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty; power outlet not working.	Ensure power adapter is securely plugged into the amplifier and a working wall outlet. Test the outlet with another device.
No sound	Volume too low; incorrect input selected; speaker wires loose or incorrectly connected; audio source not playing or faulty.	Increase VOLUME knob. Check all speaker wire connections for correct polarity and tightness. Ensure audio source is playing and connected correctly to either RCA or AUX input. Test with a different audio source.

Problem	Possible Cause	Solution
Distorted sound	Volume too high; impedance mismatch with speakers; faulty audio source or cable.	Reduce VOLUME. Ensure speaker impedance is within the 4-8 Ω range. Try a different audio cable or source.
Subwoofer not working	BASS VOL knob too low; subwoofer not connected or faulty; incorrect polarity.	Increase BASS VOL knob. Check subwoofer connection and polarity. Test the subwoofer with another amplifier if possible.

9. Specifications

Feature	Specification
Material	Aluminum Alloy
Rated Voltage	12V
Rated Power	20W + 20W (Main Channels) + 40W (Subwoofer)
Rated Frequency	20-20KHz
Resolution	47K
Distortion Rate	0.4%
SNR (Signal-to-Noise Ratio)	80dB
Impedance	4-8 Ω
Dimensions (L x W x H)	5.9 x 3.5 x 1.4 inches (15 x 9 x 3.5 cm)
Weight	0.7 lbs (300g)
Supply Current	2 Amps
Number of Channels	2.1
Mounting Type	Surface Mount
Specification Met	FCC

10. Warranty and Support

This product is covered by a standard manufacturer's warranty. Please refer to the warranty card included with your purchase or visit the official Sundeer website for detailed warranty terms and conditions. For technical support, troubleshooting assistance, or inquiries regarding your product, please contact Sundeer customer service through the contact information provided on their official website or your retailer's support channels.

© 2025 Sundeer. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B0B4D4V2FG

More documents and user manuals: **https://manuals.plus/**