Speaka SP-5501648

SpeaKa Professional SP-5501648 Headphone Amplifier User Manual

Model: SP-5501648

1. Introduction

Thank you for choosing the SpeaKa Professional SP-5501648 Headphone Amplifier. This compact device is designed to boost the audio signal to your headphones, providing a clearer and more powerful listening experience. Please read this manual carefully before using the device to ensure proper operation and to maximize its lifespan.

2. Safety Instructions

- Do not expose the device to moisture or extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or modify the device. This will void the warranty.
- Keep out of reach of children.
- Use only the specified power source (Micro-USB 5V).
- Prolonged listening at high volume levels can cause hearing damage. Adjust volume to a comfortable level.

3. Product Overview

Familiarize yourself with the components and controls of your SpeaKa Professional Headphone Amplifier.

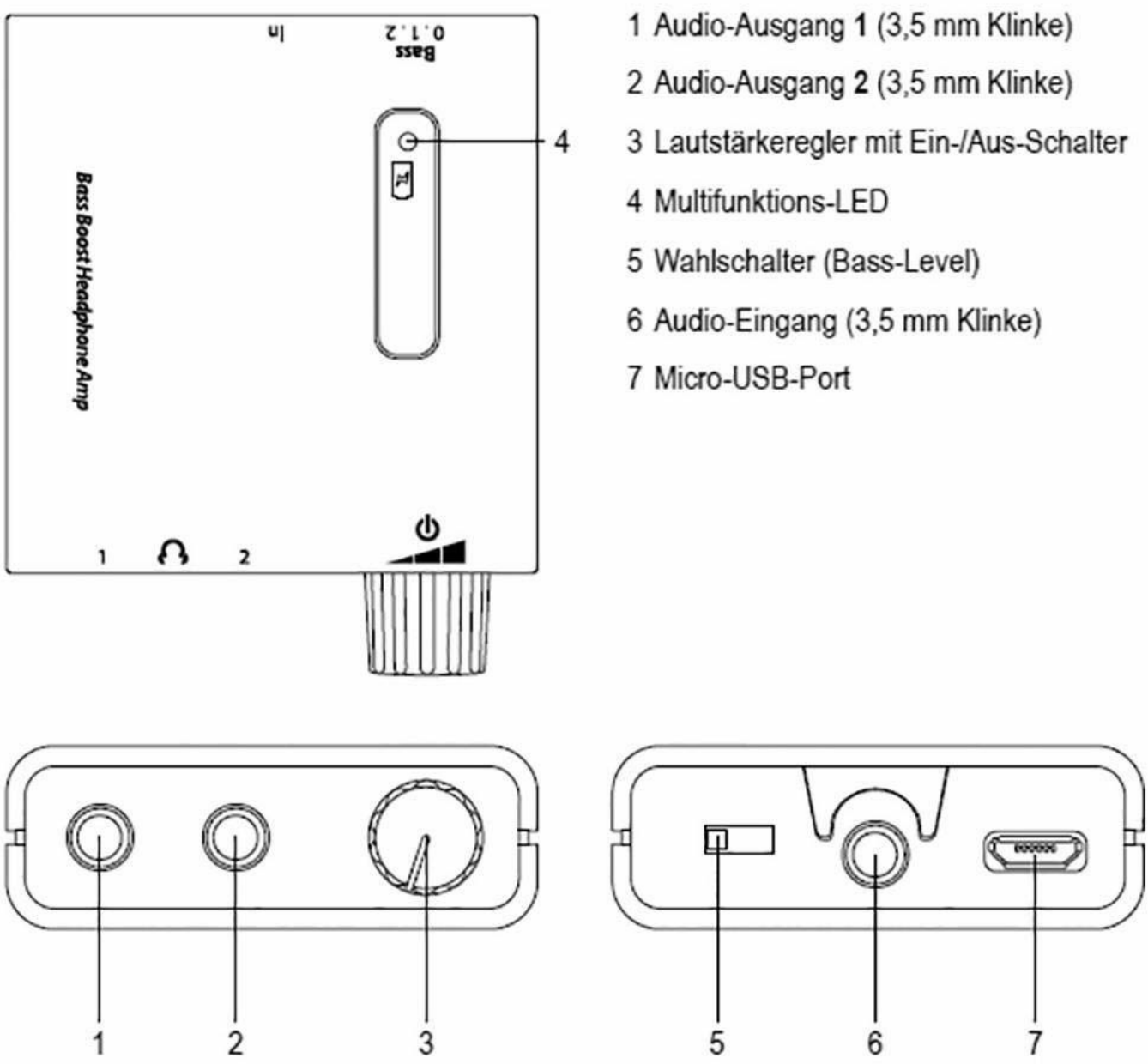


Image: Diagram showing the various ports and controls of the headphone amplifier.

1. Audio Output 1 (3.5 mm jack)
2. Audio Output 2 (3.5 mm jack)
3. Volume Control with On/Off Switch
4. Multifunction LED
5. Bass Level Switch (0, 1, 2)
6. Audio Input (3.5 mm jack)
7. Micro-USB Port (for power supply)



Image: A close-up of the amplifier's side, highlighting the bass boost switch, audio input, and micro-USB power port.

4. Setup

Follow these steps to set up your headphone amplifier:

1. **Connect Audio Input:** Connect your audio source (e.g., smartphone, MP3 player, TV headphone output) to the **Audio Input (6)** of the amplifier using a 3.5 mm audio cable.
2. **Connect Headphones:** Plug your headphones into either **Audio Output 1 (1)** or **Audio Output 2 (2)**. The amplifier supports two pairs of headphones simultaneously.
3. **Connect Power:** Connect the amplifier to a 5V USB power source (e.g., USB wall adapter, computer USB port) using a Micro-USB cable plugged into the **Micro-USB Port (7)**. The Multifunction LED (4) will illuminate.



Image: The headphone amplifier connected to a pair of headphones, illustrating a typical setup.

5. Operating Instructions

1. **Power On/Off and Volume Control:** Rotate the **Volume Control (3)** clockwise to turn on the amplifier and increase the volume. Rotate counter-clockwise to decrease volume and turn off the device.
2. **Adjust Bass Level:** Use the **Bass Level Switch (5)** to select your desired bass enhancement:
    - **0:** No bass boost.
    - **1:** Moderate bass boost.
    - **2:** Maximum bass boost.
3. **Multifunction LED (4):** The LED indicates the power status and may show other operational states (refer to specific product documentation if available for detailed LED behavior).

6. Maintenance

- Clean the device with a soft, dry cloth. Do not use liquid cleaners or solvents.
- Ensure all connections are secure and free of dust.
- Store the amplifier in a cool, dry place when not in use.

7. Troubleshooting

Problem	Possible Cause	Solution
No sound	• Amplifier not powered on. • Volume too low. • Audio cables not connected properly. • Audio source not playing or volume too low.	• Rotate Volume Control (3) clockwise to turn on. • Increase volume using Volume Control (3). • Check all 3.5 mm audio cable connections. • Ensure audio source is playing and its volume is adequate.
Distorted sound	• Volume too high. • Poor quality audio source. • Faulty cable.	• Decrease volume. • Try a different audio source. • Replace audio cables.
LED not lit	• No power supply. • Faulty Micro-USB cable or power adapter.	• Ensure Micro-USB cable is connected to a working 5V power source. • Try a different Micro-USB cable or power adapter.

8. Specifications

- **Brand:** Speaka
- **Model Number:** SP-5501648
- **Part Number:** SP-5501648
- **Item Weight:** 30 Grams
- **Power Input:** Micro-USB, 5V (cable not always included)
- **Audio Input:** 3.5 mm jack
- **Audio Output:** 2 x 3.5 mm jacks
- **Bass Boost:** Selectable levels (0, 1, 2)

- **Battery Included:** No

9. Warranty and Support

SpeaKa Professional products are designed for reliability and performance. For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official SpeaKa Professional website. Keep your proof of purchase for warranty claims.

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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