SUBZERO SZ-HPA4

SubZero Compact Studio Headphone Amplifier

Model: SZ-HPA4

INTRODUCTION

The SubZero Compact Studio Headphone Amplifier (Model SZ-HPA4) is engineered for high-quality audio monitoring, allowing a single audio source to be distributed to multiple headphones. Its robust design ensures consistent signal integrity even when all four outputs are in use. Each channel features an independent level control, enabling individual users to set their preferred listening volume. An easily identifiable power switch with an LED indicator provides convenient operation. A power supply unit is included for immediate use.

SAFETY INFORMATION

- Read all instructions before operating the device.
- Do not expose this equipment to rain or moisture.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

PACKAGE CONTENTS

- SubZero Compact Studio Headphone Amplifier (SZ-HPA4)
- Power Supply Unit (DC 12V 0.5A)

PRODUCT OVERVIEW

Front Panel

Figure 1: Front Panel of SZ-HPA4

This image displays the front of the SubZero SZ-HPA4 headphone amplifier. It features four silver rotary knobs for individual channel volume control, labeled 1 through 4. Below each knob is a corresponding 1/4" (6.35mm) stereo headphone output jack. On the right side, there is a black power button and a green LED power indicator.

1. **Volume Knobs (1-4):** Adjust the output volume for each individual headphone channel.
2. **Headphone Outputs (1-4):** 1/4" (6.35mm) stereo jacks for connecting headphones.
3. **Power Button:** Toggles the amplifier on or off.
4. **Power LED:** Illuminates green when the unit is powered on.

Rear Panel

Figure 2: Rear Panel of SZ-HPA4

This image shows the rear panel of the SubZero SZ-HPA4 headphone amplifier. On the left, there is a DC 12V 0.5A power input jack. On the right, there is a 1/4" (6.35mm) stereo audio input jack, labeled "INPUT".

1. **DC 12V 0.5A Power Input:** Connect the included power supply unit here.
2. **INPUT:** 1/4" (6.35mm) stereo jack for connecting your audio source (e.g., mixer, audio interface).

SETUP

1. Ensure the amplifier's power button is in the "OFF" position.
2. Connect your audio source (e.g., mixer, audio interface, computer) to the **INPUT** jack on the rear panel using a 1/4" (6.35mm) stereo audio cable.
3. Connect the included DC 12V 0.5A power supply unit to the **DC 12V 0.5A Power Input** jack on the rear panel, then plug the power supply into a suitable wall outlet.
4. Connect your headphones to any of the four **Headphone Outputs (1-4)** on the front panel.

OPERATING INSTRUCTIONS

1. After completing the setup, press the **Power Button** on the front panel to turn the amplifier "ON". The **Power LED** will illuminate green.
2. Ensure your audio source is playing sound.
3. Adjust the individual **Volume Knobs (1-4)** for each connected headphone to achieve the desired listening level. Start with the volume low and gradually increase it to a comfortable level.
4. To turn off the amplifier, press the **Power Button** again. The **Power LED** will turn off.

Note: The amplifier distributes the input signal. It does not amplify the signal beyond the input level, but rather provides individual volume control for each output. Avoid setting individual channel volumes too high if the input signal is already strong, as this may lead to distortion.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or aerosol cleaners.
- **Storage:** When not in use for extended periods, store the amplifier in a cool, dry place away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure the amplifier has adequate ventilation and is not placed in an enclosed space that could restrict airflow.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from headphones.	Amplifier is not powered on. Input cable is not connected or faulty. Headphones are not connected or faulty. Input source is not playing audio. Volume knob is set to minimum.	Ensure power button is ON and LED is lit. Check input cable connection and try a different cable. Ensure headphones are fully plugged in and test with another pair. Verify audio playback from your source device. Increase the individual channel volume knob.
Distorted sound.	Input signal is too strong. Volume knob is set too high. Faulty cable or headphones.	Reduce the output volume from your audio source. Lower the individual channel volume knob on the amplifier. Try different cables and headphones.
Power LED not lighting up.	Power supply not connected or faulty. Power outlet is not active.	Ensure power supply is securely connected to the amplifier and wall outlet. Test the power outlet with another device. Try a different compatible power supply if available.

SPECIFICATIONS

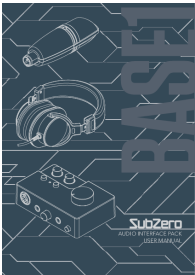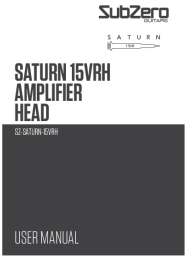| Feature	Detail
Model	SZ-HPA4
Channels	4 Stereo Headphone Outputs
Inputs	1 x 1/4" (6.35mm) Stereo Jack
Outputs	4 x 1/4" (6.35mm) Stereo Jacks
Controls	4 x Individual Volume Knobs, Power ON/OFF Switch
Power Supply	DC 12V 0.5A (Included)
Product Dimensions	1 x 1 x 1 cm (0.39 x 0.39 x 0.39 inches)
Item Weight	360 g (0.79 lbs)
ASIN	B09F96MHSM

Feature	Detail
Date First Available	7 Sept. 2021

WARRANTY & SUPPORT

The SubZero Compact Studio Headphone Amplifier (SZ-HPA4) comes with a **3-Year Warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact your retailer or visit the official SubZero website for contact information.

Related Documents - SZ-HPA4

[SubZero BASE-2 Home Recording Bundle User Manual](#)
User manual for the SubZero BASE-2 Home Recording Bundle, featuring the SZ-AI2 audio interface, SZC-300 microphone, and SZ-MH200 headphones. Learn about setup, features, and specifications.

[SubZero BASE1 Audio Interface Pack User Manual](#)
Comprehensive user manual for the SubZero BASE1 Audio Interface Pack, covering setup, functions, features, and technical specifications of the audio interface (SZ-AI1), condenser microphone (SZC-1), and monitoring headphones (SZ-MH1). Includes safety information and contact details.

[SubZero Saturn 15VRH Amplifier Head User Manual](#)
User manual for the SubZero Saturn 15VRH all-tube guitar amplifier head, detailing features, specifications, and controls for optimal use.

SubZero **SZ-PPA2** SubZero SZ-PPA2 Pro Phono Preamplifier **USER MANUAL**	[SubZero SZ-PPA2 Pro Phono Preamplifier User Manual](#) User manual for the SubZero SZ-PPA2 Pro Phono Preamplifier, detailing its features, operation, and specifications. Learn how to connect and use the device for optimal audio performance.
SubZero **USB AUDIO INTERFACE** SZ-AI2 USER MANUAL BEDIENUNGSANLEITUNG · MANUEL D'UTILISATION · ANVÄNDARMANUAL MANUAL DEL USUARIO · BRUGSANVISNING · BRUCLIANVISNING · HANDLEIDING	[SubZero SZ-AI2 USB Audio Interface User Manual](#) Comprehensive user manual for the SubZero SZ-AI2 USB Audio Interface, detailing its features, functions, and specifications for professional audio recording.
INSTRUCTION MANUAL **Light Kit for Wild Animals:** **Panda Family 31165**	[Game of Bricks Light Kit for Wild Animals: Panda Family 31165 Instruction Manual](#) Detailed instructions for installing the Game of Bricks LED light kit for the LEGO Wild Animals: Panda Family set (31165). Learn how to enhance your model with lighting effects and connect the power source.