

4-Channel Stereo Headphone Amplifier

User's Manual



PEARSTONE®

Introduction

The Pearstone four-channel stereo headphone amplifier is a compact and lightweight audio accessory that's ideal for studio recording, band rehearsals, or any application where multiple headphone connections are needed.

The 1/4-inch TRS stereo input accepts any stereo line output. Each of the four stereo 1/4-inch headphone outputs has its own volume control so each user can listen at a comfortable volume.

Precautions

- Please read and follow these instructions, and keep this manual in a safe place.
- Keep this unit away from water and any flammable gases or liquids.
- Clean the unit with only a soft, dry cloth.
- Exposure to high sound levels can cause permanent hearing loss. Avoid listening at high volumes for extended periods of time.
- Use only parts provided by the manufacturer.
- All images are for illustrative purposes only.

Overview

1. Volume knobs
2. Power LED
3. 1/4 in. TRS stereo input jack
4. 1/4 in. TRS stereo headphone output jacks
5. 12 V DC power input

Also included:

12 V / 500 mA power supply



Operating Instructions

Plug the power cord into the power supply. The headphone amplifier will turn on automatically, and the power LED will glow green as long as the amp is receiving power.

Connect the output of your source to the 1/4-inch TRS stereo input jack.

Plug up to four headphones into the 1/4-inch TRS stereo headphone output jacks.

Adjust the volume with the volume knobs.

Specifications

Number of Channels	4
Input Connections	Stereo 1/4 in. TRS phone
Input Impedance	1000 Ω
Output Impedance	10 Ω (min) per output
Output Connectors	Stereo 1/4 in. (6.35 mm) headphone outputs ($\times 4$)
Maximum Gain	20 dB per channel
Maximum Output Level	+22 dB
Function Controls	Volume knobs ($\times 4$)
Signal-to-Noise Ratio	>98 dB
Power Supply	Input: 100 to 240 V, 50/60 Hz, 0.2 A Output: 12 V / 500 mA
Dimensions (W \times D \times H)	4.1 \times 2.3 \times 1.3 in. (10.4 \times 5.8 \times 3.3 cm)
Weight	8.4 oz. (239 g)

Troubleshooting

Problem	Solution
The source is playing, but there's no sound in the headphones.	<ul style="list-style-type: none">• Make sure all headphones are completely plugged in.• Make sure the volume levels are turned up.• Make sure the amplifier is receiving an input signal.
The LED light is not lit.	Make sure the 12 V DC adapter is plugged into the outlet, and the connector is completely inserted into the power supply on the headphone amplifier.
There's noise or a hum in the headphones.	<ul style="list-style-type: none">• The noise might come from a faulty input device.• Check if there's a faulty ground in the signal chain.

Three-Year Limited Warranty

This Pearstone product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of three (3) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

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