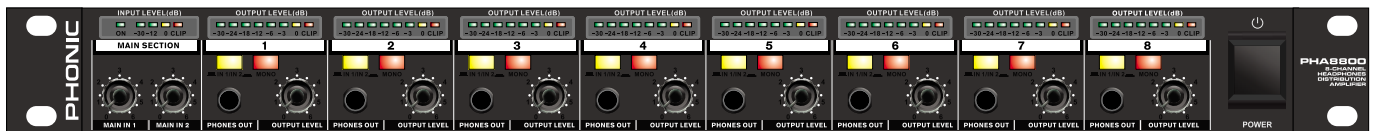


## PHA 4800

4 Channel Headphone Distribution Amplifier

## PHA 8800

8 Channel Headphone Distribution Amplifier



## Features

- ▶ Two stereo main inputs for two independent mixes, accessible from all eight channels
- ▶ One front and one or two rear stereo 1/4" TRS outputs per channel
- ▶ Output level control and accurate LED output meter on every channel
- ▶ Direct input connector on each channel for easy connection of any sound source
- ▶ Toroidal transformer for noiseless operation and low magnetic interference

### PHA 4800:

- ▶ Four independent high-power amplifier sections provide up to four stereo mixes
- ▶ Main stereo XLR and 1/4" TRS input and output channels
- ▶ Multi-functional ST/2-CH switch on each channel allows for either stereo playback or double mono operation
- ▶ Ultra-musical high and low EQ per channel
- ▶ Paralleled outputs allow cascading of several headphone amplifiers
- ▶ Each input/aux section can be separately set to capture individual demands for "more me mixing"

### PHA 8800:

- ▶ Eight totally independent stereo high-power amplifier sections in one rack space
- ▶ Eight independent direct inputs provide up to eighth individual stereo mixes
- ▶ Mono/stereo switch per channel for more flexibility

## Description

An effective headphone mix can be the difference between a successful recording session and a complete failure. Phonic's four-channel PHA4800 and eight-channel PHA8800 headphone amplifiers provide excellent sonic articulation, routing and mixing functions to ensure artists have the sound needed in their headphones. They offer multi-segment output meters for each output channel, as well as left/right muting for easy comparisons – just proving that your session can't go wrong with a Phonic PHA headphone amp.

# PHA SERIES

## Professional Headphone Amplifiers

### Dimensions

PHA 4800 | PHA 8800



### Specifications

	PHA4800	PHA8800
<b>Audio Inputs</b>		
Main In	HF-filtered, servo-balanced, 1/4" TRS connectors	HF-filtered, servo-balanced, 1/4" TRS connectors
Input Impedance	40 kΩ balanced, 20 kΩ unbalanced	40 kΩ balanced, 20 kΩ unbalanced
Maximum Input Level	+16 dBu balanced and unbalanced	+16 dBu balanced and unbalanced
CMRR	Typically 40 dB, >55 dB @1 kHz	Typically 40 dB, >55 dB @1 kHz
AUX In	1/4" TRS connector (stereo)	-
Input Impedance	5k ohm	-
Sensitivity	-20 dB	-
Maximum Input Level	+22 dBu	-
DIRECT In	1/4" TRS connector (stereo)	1/4" TRS connector (stereo)
Input Impedance	15 kΩ	15 kΩ
<b>Audio Outputs</b>		
Main Outputs	XLR and 1/4" TRS connectors, balanced	-
Phones Outputs	1/4" TRS connector (stereo)	1/4" TRS connector (stereo)
<b>Power Amplifier</b>		
Maximum Main Output Power	+22 dBm (load impedance 8 ohm)	-
Maximum Output Level	+19 dBm (load impedance 100 ohm) +7 dBm (load impedance 8 ohm)	+24 dBm (load impedance 100 Ω)
Minimum Output Load Impedance	8 ohm	100 Ω
<b>System Specifications</b>		
Frequency Response	10 Hz to 150 kHz, +/-3 dB	10 Hz to 150 kHz, +/-3 dB
Noise	22 Hz to 22 kHz, < -90 dBu @ unit gain	22 Hz to 22 kHz, < -90 dBu @ unit gain
Dynamic Range	22 Hz to 22 kHz: 110 dB	22 Hz to 22 kHz: 110 dB
Distortion (THD)	0.006 % typical @ +4 dBu, 1 kHz @ unit gain	0.006 % typical @ +4 dBu, 1 kHz @ unit gain
<b>Function Controls</b>		
Input Level	Variable	Variable
Output Level per Channel	Variable	Variable
<b>Function Switches</b>		
Main In 1 / Main In 2	-	Switches between Main Input 1 and Main Input 2
Mono	-	Switches this section to mono
Stereo	Switches between stereo mode and 2-ch mode	-
Left Mute	Mutes the left signal of the respective channel	-
Right Mute	Mutes the right signal of the respective channel	-
<b>Displays</b>		
Input Level	4-segment LED Display: -30/-10/0 dB/clip	4-segment LED-display: -30/-12/0 dB/clip
Output Level	4-segment LED Display: -30/-10/0 dB/clip	8-segment LED-display: -30/-24/-18/-12/-6/-3/0 dB/clip
<b>Power Supply</b>		
Mains Voltage	USA/Canada: 120V ~, 60 Hz Europe/U.K./Australia: 230V ~, 50 Hz Japan: 100V ~, 50-60 Hz General Export Model: 120/230 V~, 0-60Hz	USA/Canada: 120V ~, 60 Hz Europe/U.K./Australia: 230V ~, 50 Hz Japan: 100V ~, 50-60 Hz
Power Consumption	34W	30 W
Fuses	100-120 V ~, T630 mA H 200-240V ~, T315 mA H	100-120 V ~, T630 mA H 200-240V ~, T315 mA H
Mains Connection	Standard IEC receptacle	Standard IEC receptacle
Dimensions	483 x 44.25 x 206 mm (19.02" x 1.74" x 8.21")	483 x 44.25 x 206 mm (19.02" x 1.74" x 8.21")
Net Weight	2.22 kg (4.9 lbs)	2.35 kg (5.19 lbs)