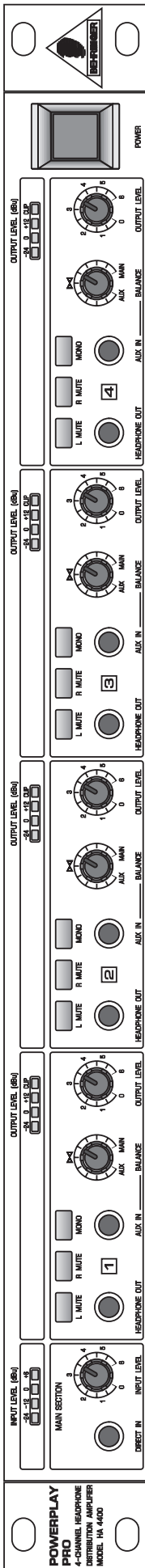


# POWERPLAY PRO HA4400



## Technical Specifications

Version 1.1 May 2000

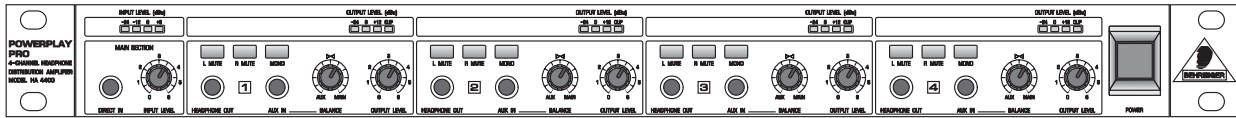
ENGLISH



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# POWERPLAY PRO

Professional, multi-purpose headphone amplifier system for stage and studio applications



- ▲ Four totally independent stereo high-power amplifiers in 1 U package
- ▲ Highest sonic quality even with extremely high volume levels
- ▲ Four independent input/aux sections provide up to four stereo mixes
- ▲ Stereo aux input for each channel allows you to mix in any instrument or sound source
- ▲ Output level control for each channel for your needs
- ▲ Mono/stereo switch for each channel for more flexibility
- ▲ Left/right mute switches for each channel enable you to run two different mixes in mono mode
- ▲ One front and two rear output jack connectors for each channel
- ▲ Accurate 4-digit LED meter for output level for each channel
- ▲ Direct input connector on the front for easy connection of any source
- ▲ Paralleled main outputs to chain several headphone amplifiers
- ▲ Servo-balanced, gold-plated XLR and 1/4" TRS inputs and outputs
- ▲ Ultra-low noise 4580 audio operational amplifiers for outstanding sound performance
- ▲ High-quality detented potentiometers and illuminated switches
- ▲ High-quality components and exceptionally rugged construction ensures long life and durability
- ▲ Internal power supply design for professional applications
- ▲ Manufactured under ISO9000 certified management system

# SPECIFICATIONS

## AUDIO INPUT

MAIN input	
Connectors	XLR and 1/4" jack
Type	RF filtered, servo balanced input
Impedance	50 kOhms balanced, 25 kOhms unbalanced
Max. input level	+21 dBu balanced and unbalanced (unity gain)
CMRR	typ. 40 dB, >55 dB @ 1 kHz
AUX IN and DIRECT IN input	
Connectors	1/4" jack
Type	unbalanced
Impedance	25 kOhms unbalanced
Max. input level	+21 dBu unbalanced (unity gain)
CMRR	typ. 40 dB, >55 dB @ 1 kHz

## AUDIO OUTPUT

Connectors	XLR and 1/4" jack
Type	balanced/unbalanced
Impedance	dependent on input balance
Max. output level	+21 dBu balanced and unbalanced

## SYSTEM SPECIFICATIONS

Frequency response	10 Hz to 100 kHz, +/- 3 dB
Noise	> 99 dB, unweighted, 22 Hz to 22 kHz
THD	0.005 % typ. @ +4 dBu, 1 kHz, Gain 1

## POWER AMPLIFIER

Max. output power	+26.5 dBm
Min. output impedance	100 Ohms
Max. gain	+20 dB

## FUNCTION CONTROLS

Input level	variable
Balance per channel	mix between aux and main signal
Output level per channel	variable

## FUNCTION SWITCHES

Left mute	mutes the left signal of this channel
Right mute	mutes the right signal of this channel
Mono	switches channel to mono

## INDICATORS

Input level	4-digit LED display: -24/-12/0/+6 dBu
Output level	4-digit LED display: -24/0/+12 dBu/CLIP

## POWER SUPPLY

Mains Voltages	USA/Canada	120 V ~, 60 Hz
	U.K./Australia	240 V ~, 50 Hz
	Europe	230 V ~, 50 Hz
	General export model	100 - 120 V ~, 200 - 240 V ~, 50 - 60 Hz
Power Consumption	max. 32 Watts	
Fuse	100 - 120 V ~: <b>T 630 mA H</b>	
	200 - 240 V ~: <b>T 315 mA H</b>	
Mains Connection	Standard IEC receptacle	

## PHYSICAL

Dimension (H * W * D)	app. 1 3/4" (44.5 mm) * 19" (482.6 mm) * 8 1/2" (217 mm)
Net Weight	app. 2.7 kg
Shipping Weight	app. 3.5 kg

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