

# POWERPLAY PRO-XL HA4700



## Technical Specifications

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ENGLISH

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## POWERPLAY PRO-XL HA4700

# POWERPLAY PRO-XL

### PROFESSIONAL HIGH-POWER 4-CHANNEL HEADPHONES AMPLIFIER SYSTEM



- ▲ Professional, multi-purpose headphones amplifier system for stage and studio applications
- ▲ Highest sonic quality with virtually all types of headphones >8 Ohms even at maximum volume
- ▲ Four independent high-power amplifier sections provide up to four stereo mixes with individual balancing
- ▲ Each input/aux section can be separately set to capture individual demands for 'more me mixing'
- ▲ Stereo Aux input for each channel allows you to mix in any instrument or sound source
- ▲ Multi-functional Stereo/2-channel switch on each channel allows for either stereo playback or double mono operation
- ▲ Ultra-musical High and Low EQ per channel for perfect sound adaptation
- ▲ Output level control with accurate 8-digit LED output meter per channel
- ▲ Left & right mute switches for each channel allow two different mixes in mono mode
- ▲ One front and two rear 1/4" TRS output connectors on each channel
- ▲ Direct front panel input connector for easy connection of any sound source
- ▲ Paralleled Main outputs allow cascading of several headphones amplifiers
- ▲ Servo-balanced, gold-plated XLR and 1/4" TRS inputs and outputs
- ▲ Toroidal transformer for lowest noise interference and highest audio quality
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany

# POWERPLAY PRO-XL HA4700

## SPECIFICATIONS

### AUDIO INPUTS

<b>MAIN IN</b>	HF-filtered, servo-balanced XLR- and 1/4" TRS connectors
Input impedance	40 k $\Omega$ balanced, 30 k $\Omega$ unbalanced
Max. input level	+16 dBu balanced and unbalanced
<b>CMRR</b>	typically 40 dB, >55 dB @ 1 kHz
<b>AUX IN</b>	1/4" TRS connector (stereo)
Input impedance	5 k $\Omega$
Max. input level	+22 dBu
<b>DIRECT IN</b>	1/4" TRS connector (stereo)
Input impedance	15 k $\Omega$
Max. input level	+22 dBu

### AUDIO OUTPUTS

<b>MAIN OUT</b>	XLR- and 1/4" TRS connectors, balanced
<b>PHONES OUTPUT</b>	1/4" TRS connector (stereo)

### POWER AMPLIFIER

Max. output power	+24 dBm (load impedance 100 $\Omega$ ), +21 dBm (load impedance 8 $\Omega$ )
Min. output load impedance	8 $\Omega$

### SYSTEM SPECIFICATIONS

Frequency response	10 Hz to 150 kHz, +/-3 dB
Noise	22 Hz to 22 kHz >90 dB @ 0 dBu
Dynamic range	22 Hz to 22 kHz: 110 dB
Distortion (THD)	0.006 % typ. @ +4 dBu, 1 kHz, Gain 1

### FUNCTION CONTROLS

Input Level	variable
Balance per channel	mix between Aux and Main signals / balance between right and left channel
Output Level per channel	variable
Treble	cutoff frequency: 6 kHz; range +/- 12 dB
Bass	cutoff frequency: 200 Hz, range +/- 12 dB

### FUNCTION SWITCHES

Stereo/2-Channel	switches between stereo mode and 2-channel mode
Left mute	mutes the left signal of the respective channel
Right mute	mutes the right signal of the respective channel

### DISPLAYS

Input level	4-digit LED-display: -30/-12/0 dB/CLIP
Output level	8-digit LED-display: -30/-24/-18/-12/-6/-3/0 dB/CLIP

### POWER SUPPLY

Mains voltage	
USA/Canada	120 V~, 60 Hz
Europe/U.K./Australia	230 V~, 50 Hz
Japan	100 V~, 50 - 60 Hz
General export model	120/230 V~, 50 - 60 Hz
Power consumption	34 W
Fuses	100 - 120 V ~: T 630 mA H 200 - 240 V ~: T 315 mA H
Mains connection	standard IEC receptacle

### DIMENSIONS AND WEIGHT

Dimensions (H x W x D)	approx. 1 3/4" (44.5 mm) * 19" (482.6 mm) * 8 1/2" (217 mm)
Weight	approx. 5.08 lbs. (2.3 kg)

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