



High Output Compression Driver

P. Audio's HD+ series of power amplifiers delivers from 600 to 7200 Watts of power in two to three rack spaces. Built around robust and advanced toroidal transformers, they deliver clean power on demand. The advanced protection circuitry guards against short circuit, over load, clip limit, peak current limit, over heat and open circuit, and also protects against ultrasonic and RF interference. A high current power supply increases reliability and performance. Other features include center-detented gain controls, input peak limiter and fast recovery to ensure low distortion. The variable speed fans effectively cool the amp and protect against overheating. Input is through XLR or 1/4" connectors, while you can use Speakon-type or binding post connectors for output. P. Audio HD+ Power Amplifiers are specially designed for professionals who value high power, audio clarity, reliability and lasting performance.

Specifications

MODEL	HD30+	HD40+	HD60+	HD80+
Output Power				
8Ω Stereo	600W×2	800W×2	1000W x 2	1450W x 2
4Ω Stereo	900W×2	1400W x 2	1650W x 2	2250W x 2
2Ω Stereo	1500W x 2	2200W x 2	2400W x 2	3600W x 2
8Ω Bridge	1800W	2800W	3300W	4500W
4Ω Bridge	3000W	4400W	4800W	7200W
Other Specifications				
Frequency Response	20Hz-20kHz, +0/-0.5dB			
THD+N	<0.5%			
S/N rate (A Weighted)	≥96dB			
Damping Factor	>1200			
Crosstalk	≥60dB			
Slew rate	>12 V/μs			
Input sensitivity	0.775V/1V/32dB			
Input impedance (bal/unbal)	20kΩ/10kΩ			
Voltage gain	39.4dB	40.5dB	41.9dB	43.4dB
Cooling	Air flow from front to rear			
Protection	Soft start, VHF, DC, short, circuit, over load, clip limit, peak current limit over heat, progressive volume			
Connection				
Input	Balance input XLR-F, Balance output XLR-M			
Output	Two red and black Binding posts NL4 SPEAKON			
Function				
Front panel indicator	Rock power Switch / independent channel volume control knob / power indicator / signal indicator / clipping indicator			
Rear panel indicator	Stereo/parallel/bridge mode selector switch, sensitivity selector switch, soft cut switch			
Dimensions/Weight				
Product dimension (mm)	483 x 503 x 89 (2U)	483 x 503 x 133 (3U)	483 x 503 x 133 (3U)	483 x 503 x 133 (3U)
Packaging dimension (mm)	620 x 585 x 170 (2U)	620 x 585 x 210 (3U)	620 x 585 x 210 (3U)	620 x 585 x 210 (3U)
Gross weight (±2.5 kg)	24 kg	29 kg	33 kg	36kg