



High Output Compression Driver

P. Audio's HD+ series of power amplifiers delivers from 800 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 | HD40+ | HD60+ | HD80+ |
|-----------------------------|---|----------------------|----------------------|
| Output Power | | | |
| 8Ω Stereo | 800W×2 | 1000W x 2 | 1450W x 2 |
| 4Ω Stereo | 1400W x 2 | 1650W x 2 | 2250W x 2 |
| 2Ω Stereo | 2200W x 2 | 2400W x 2 | 3600W x 2 |
| 8Ω Bridge | 2800W | 3300W | 4500W |
| 4Ω Bridge | 4400W | 4800W | 7200W |
| Other Specifications | | | |
| Frequence 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 | 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 133 (3U) | 483 x 503 x 133 (3U) | 483 x 503 x 133 (3U) |
| Packaging dimension (mm) | 620 x 585 x 210 (3U) | 620 x 585 x 210 (3U) | 620 x 585 x 210 (3U) |
| Gross weight (±2.5 kg) | 29 kg | 33 kg | 36kg |