

HPA-2045B/02 2 Channels Digital Audio Power Amplifier



Features:

- Digital power amplifier + switching mode power supply, high efficiency, small size, light weight
- Wide operating voltage range: 100-240 VAC (±10%) , work below 100 VAC requires a reduction in use
- Less heat, low working temperature, life span and reliability will be significantly improved
- Energy saving and environmental protection, saving operating costs
- Three working modes: stereo, mono, bridge
- Equipped with working mode switch
- Optional level gain switch)
- Two XLR audio input interfaces and two Speakon audio output interfaces
- XLR-M output connector for transmitting audio signal to the next power amplifier
- Perfect protection functions: short circuit, DC, over temperature protection, overload power control, etc.

Specifications:

Rated power (THD=1%, 1 kHz)	2×450 W (8 Ω/Stereo) 2×675 W (4 Ω/Stereo) 2×1010 W (2 Ω/Stereo*) 1×900 W (16 Ω/Bridge) 1×1350 W (8 Ω/Bridge) 1×2020 W (4 Ω/Bridge*)
RMS output voltage (THD=1%, 1 kHz)	60 V

* Test conditions: 20ms, 1kHz, THD+N=1%

Specifications:

Input sensitivity (Rated power, 1 kHz)	0.775 Vrms, 32 dB
THD+N (10% Rated power, Typical value)	0.05%
IMD-SMPTE (10% Rated power, Typical value)	0.05%
DIM30 (10% Rated power, Typical value)	0.05%
Crosstalk suppression (Below rated power, 20 Hz - 1 kHz)	≥75 dB
Frequency response (10% Rated output power, 8 Ω, 20 Hz - 20 kHz)	±0.2 dB
Input impedance	20 kΩ (Balanced) 10 kΩ (Unbalanced)
Damping coefficient (8 Ω, 20 Hz - 200 Hz)	Typical value 1000
SNR (A weighted, 20 Hz - 20 kHz)	≥105 dB
Power supply	100-240 VAC, 50/60 Hz
Temperature	Working temperature: 0°C ~ +50°C Storage temperature: -20°C ~ +70°C
Humidity	Storage and use humidity: 10% ~ 90%
Color	Black
Box dimension (h × w × d, mm)	44 × 480 × 291
Product weight	5.9 kg

HPA-2080B/02 2 Channels Digital Audio Power Amplifier



Features:

- Digital power amplifier + switching mode power supply, high efficiency, small size, light weight
- Wide operating voltage range: 100-240 VAC (±10%) , work below 100 VAC requires a reduction in use
- Less heat, low working temperature, life span and reliability will be significantly improved
- Energy saving and environmental protection, saving operating costs
- Three working modes: stereo, mono, bridge
- Equipped with working mode switch
- Optional level gain switch)
- Two XLR audio input interfaces and two Speakon audio output interfaces
- XLR-M output connector for transmitting audio signal to the next power amplifier
- Perfect protection functions: short circuit, DC, over temperature protection, overload power control, etc.

Specifications:

Rated power (THD=1%, 1 kHz)	2×800 W (8 Ω/Stereo) 2×1200 W (4 Ω/Stereo) 2×1800 W (2 Ω/Stereo*) 1×1600 W (16 Ω/Bridge) 1×2400 W (8 Ω/Bridge) 1×3600 W (4 Ω/Bridge*)
RMS output voltage (THD=1%, 1 kHz)	80 V

* Test conditions: 20ms, 1kHz, THD+N=1%

Specifications:

Input sensitivity (Rated power, 1 kHz)	0.775 Vrms, 32 dB
THD+N (10% Rated power, Typical value)	0.05%
IMD-SMPTE (10% Rated power, Typical value)	0.05%
DIM30 (10% Rated power, Typical value)	0.05%
Crosstalk suppression (Below rated power, 20 Hz - 1 kHz)	≥75 dB
Frequency response (10% Rated output power, 8 Ω, 20 Hz - 20 kHz)	±0.2 dB
Input impedance	20 kΩ (Balanced) 10 kΩ (Unbalanced)
Damping coefficient (8 Ω, 20 Hz - 200 Hz)	Typical value 1000
SNR (A weighted, 20 Hz - 20 kHz)	≥105 dB
Power supply	100-240 VAC, 50/60 Hz
Temperature	Working temperature: 0°C ~ +50°C Storage temperature: -20°C ~ +70°C
Humidity	Storage and use humidity: 10% ~ 90%
Color	Black
Box dimension (h × w × d, mm)	44 × 480 × 291
Product weight	5.9 kg