

DPA 4800 DIGITAL POWER AMPLIFIER

DPA 4800 Digital Power Amplifiers.



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Audio Quality

DPA 4800 provides very high power and high quality audio performance.

Technology

PWM / class-d amplification and switch mode power supply with PFC.

Applications

The DA series are ideal for a range of applications ;
Mobile PA, Mobile Disco ,
Installations, Theater use,

Switch Mode Supply

The power supply is the heart of a power amplifier, converting AC power to clean DC for the audio circuitry. DPA 4800 uses a very high power switch-mode power supply with power factor correction for stable high power and low heat and weight.

DPA 4800 Features

DPA 4800 has all the features you should expect from a modern power amplifier and then some..

- Features:
- Fast shut-down to protect the amplifier and the load.
Soft clipping circuitry - to protect the amplifier and the load from excessive overdrive.
- Very low-frequency cut-off - to protect the speakers from subsonic damage.
- XLR inputs
Speakon outputs provide easy and stable connections.
- Low-noise variable speed fans with rear-to-front air flow keep amplifiers and racks cool. DPA 4800 generates 1/10 of the heat of a conventional amplifier of the same wattage...
- >85% total conversion efficiency from ac input to speaker output

DPA 4800 SPECIFICATIONS:

Output Power, 8 ohms: 1100 watt / ch.
Output Power, 4 ohms: 2100 watt / ch.
Output Power, 2 ohms: 3600 watt / ch.

Freq Response : 20 Hz - 20 kHz

THD : less than 0.1%

Input : 1.1 V - 10 Kohm - balanced XLR

Output : 4 pole Speakon

Slew rate : 50V / uS

Damping Factor : >500

Signal/noise ratio ; >105 dB

Power Input : 230V ac - 16A (115v AC)

Dimensions: 482 x 45 x 360mm

Weight : 7,5 kg

Power ratings are continuous pink noise (20 Hz-20 kHz) into rated impedance!