

2 channel Class D power amplifier with DSP and Dante®

DDA-2400DSP 2 x 400 W@8Ω / 1x1000W@100V

The DDA-2400DSP is a two channel Class-D power amplifier with DSP & Dante network module for amplification in both fixed and commercial audio installations. The power amplifier has a rated power output of 2 x 400W @ 8 Ohm and can be bridged to use it in 100V systems. The processor in combination with remote management software gives a user friendly experience with a intuitive overview for easy configuration. Acoustics can be optimized using noise gate, matrix mixer, PEQ, crossover, delay, compressor, Butterworth, Bessel and Linkwitz 6-24. These settings can be customized using the English remote software by connecting the USB port on the front panel. Loudspeaker protection is provided by an output power limiter whereby the maximum output power for every channel (in Watt) can be configured. Configuration is made simple with loudspeaker presets and full system configurations which can be selected from a library and uploaded to the amplifier. This ensures the best acoustical performance with a bullet-proof loudspeaker protection.



Technical specifications

RMS power	2x 400W@8Ω / 2x 800W@4Ω / Bridge 1x 1000W@8Ω (or 100V)
Speakers output	4Ω, 8Ω, bridge, 100V
Input	775 mV / 0 dB 10 kΩ
Frequency response	20 Hz ~ 20 kHz (+1 / -2 dB)
S/N ratio	> 94 dB
THD	< 0.1 % (1 kHz /-3 dBv, 300 W)
Cooling	internal fans
Display	240x240 pixels, IPS color LCD
Protection	DSP limiter, High temperature, DC, high frequency, short circuit, back EMF, peak current limiter, Back EMF, Surge current limiter, startup delay, power circuit breaker protection, power over-voltage , under voltage protection
Power supply	110 ~ 230 V AC 50 ~ 60 Hz
Consumption	1000 W
Weight	5,0kg
Dimensions (mm)	482 x 393 x 44 (1u rack 19")