

DDA410D IP Network Digital Amplifier with DSP



Description

DDA410D is a multi-functional network DSP digital power amplifier, which can remotely monitor the status of the power amplifier, and set the compressor, limiter, noise gate, parametric equalization, matrix routing, delayer and other DSP functions in real time, with a simple software interface to provide customers with simple settings and operating experience, and various connection methods for good configurability and extensibility, suitable for various occasions.

Features

- 4x4 Dante network amplifier
- Support 70V/100V or 4-8 Ω signal output
- Built-in DSP processor
- Support USB,TCP/IP,RS232,RS485
- The working status of amplifier could be monitored remotely in real time
- Support XLR balanced input and RCA unbalanced input
- Support stereo, bridge, mono channel, free matrix mode, one-key to switch
- Input sensitivity adjustable 0dBu/6dBu/12dBu, setting from software or LCD screen
- Power supply AC180V-264V
- Controlled by software, could also control matrix system and professional processor

Specification

Model	DDA410D
Number of Channel	4
Power	4*1000W@8Ω 4*1600W@4Ω
Bridge Power	2*3200W@8Ω
Minimum Output Impedance	4Ω/each channel
Input Interface	Balanced input 4*XLR
Output Interface	4*Spoken; 4*terminal
Maximum Input Level	20dBu/7.75V
Sensitivity	12dBu, 6dBu, 0dBu
SNR	103dB@12dBu, 1kHz
Frequency Response	20Hz ~20kHz (±0.5dB) @1W, 8Ω
THD+N	<0.08%@1W, to full power
Sampling Rate	48k/24bit
Constant Voltage and Constant Resistance	100V&70V, 8Ω&4Ω
Dante (Optional)	4-channel Dante
Display Screen	4.3" IPS capacitive touch screen
Protection	Audio limiter, high temperature, DC, high frequency, short circuit, back-EMF, peak current limiter, surge current limiter, start-up delay, power circuit breaker protection, and power supply overvoltage/undervoltage protection
PC Software	Can control media matrix, audio processor, DSP power
Power Supply	Voltage input 180/264VAC