

DDA410 DDA410D

4×1000W IP Network Digital Amplifier with DSP and Optional Dante



Description

DDA410/DDA410D is a multi-functional network DSP digital power amplifier. It can monitor the status of amplifier and adjust the function of DSP in real time remotely. Built-in DSP functions with compressor, limiter, noise gate, PEQ, matrix mixer, delay etc. Mconsole software with its elegant interface provides people with easy setup and nice operation experience. Varieties of connection methods make it configurable and extensible. It is suitable for various occasions in the PA project.

Features

- Dante network audio 4 channels in option.
- Network TCP/IP control and manage multiple devices.
- Remote on/off amplifier.
- 4.3" IPS colorful capacitive touch display.
- Build-in DSP processor.
- Support multiple connection: USB, TCP/IP, RS232, RS485.
- Real time remotely monitor status of amplifier.
- Support identified by software on site.
- Support working mode: Matrix, Bridge, free switch.
- Support 0dBu/6dBu/12dBu sensitivity three level adjustment, you can adjust it in software or display.
- Standard configured with FIR function, support 4x2048 Taps.
- Support constant pressure and resistance: 100V, 70V, 8Ω, 4Ω.
- Mconsole software can control media matrix processor, professional speaker processor at the same time.
- Wide voltage operation through 180~264VAC.

Specifications

Model	DDA410/DDA410D
Number of Channels	4
Power	4*1000W@8Ω 4*1600W@4Ω
Bridged Power	2*3200W@8Ω
Minimum Output Impedance	4Ω per channel
Input Interface	Balanced input 4*XLR
Output Interface	4*Spoken; 4*terminal blocks
Maximum Input Level	20dBu/7.75V
Sensitivity	12dBu: 29.3dB (29x) 6dBu: 35.3dB (58.2x) 0dBu: 41.3dB (116x)
S/N Ratio	100dB@12dBu, 1kHz
Frequency Response	20Hz ~20kHz (±0.5dB) @1W, 8Ω
THD+N	<1%@1W, to full power
Sampling Frequency	48k/24bit
Constant Voltage and Impedance	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 electromotive force (EMF), peak current limiter, surge current limiter, power-on delay, power circuit breaker protection, and power overvoltage/undervoltage protection
PC Software	Software controllable media matrix, audio processor, DSP amplifier, and active DSP module
Power Supply	Voltage input 180/264VAC
Dimensions (W*D*H)	485mm*460mm*90mm
Package Dimensions (W*D*H)	590mm*585mm*165mm
Net Weight	12.35kg
Gross Weight	16.4kg

Front / Rear Panel

