

DDA46 DDA46D

IP Network Digital Amplifier with DSP and Dante



Description

DDA46/DDA46D is a network DSP power amplifier, offers user 4in 4out channels, and Dante 4 channels input in option. With flexible power 4*1200W@4Ω/4*600W @8Ω, DDA46/DDA46D supports constant voltage 70V(612W@8Ω) /100V(1250W@8Ω) and resistance 8Ω 4Ω. User can monitor the status of DDA410/DDA410D and adjust the functions of DSP in real time and remotely, including noise gate, PEQ, crossover, delay, matrix mix, compressor and limiter. Support FIR filter and linear phase function. This ensures professional technology and optimal performance for loudspeaker system.

Features

- Optional 4-channel Dante network audio input.
- 0dBu/6dBu/12dBu sensitivity adjustment for each input.
- Remote standby, call amplifier.
- Colorful 4.3" IPS touch display.
- Support balanced XLR input, binding post or spoken output.
- Support operating mode: stereo, bridge, mono, free matrix.
- Control interface: USB and RJ45 by TCPIP protocol, configuring RS232, RS485 central control interface, supporting GPIO external expansion control interface.
- Support Windows software Mconsole and android TCON network control.
- Support constant voltage and resistance: 100V, 70V, 8Ω, 4Ω.

Specifications

Model	DDA46/DDA46D
Channels	4
Power	4*600watts@8Ω, 4*1200watts@4Ω
Bridge power	2*2400watts@8Ω
Min. output	4Ω/each channel
Input connection	Balanced 4*XLR
Output connection	4*spoken, 4*binding post
Max. input level	20dBu/7.75V

Sensitivity	12dBu, 6dBu, 0dBu
SNR	103dB@12dBu, 1kHz
Frequency response	20Hz to 20kHz (± 0.5 dB) @1W, 8 Ω
THD+N	<1%@1W, 8 Ω
Sampling	48k/24bit
Constant voltage and resistant	100V 70V 8 Ω 4 Ω
Dante in optional	4 channels
Display	4.3' IPS touch display
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
PC software	Mconsole
Power supply	VAC180~264 50/60Hz
Dimension	485mm*460mm*90mm
Net weight	12.35kg
Package	gross weight 16.4kg, 590mm*585mm*165mm

Front / Rear Panel

