NA4500

4 x 500W DSP Network Amplifier

Features

Built-in DSP process. 48k 24bit sampling. Support noise gate, PEQ, delay, 4×4 matrix mixing, compressor, limiter adjusting. Support HPF, LPF, Butterworth, Bessel, Linkwitz-Riley, LSLV, HSLV, ALL-PASS filters. Built-in FIR filter and linear phase setting, 4×256/512/768/1024taps for setting. Support constant voltage and constant resistance: 100V, 70V, 8ohms, 4ohms. Support distributed speaker systems. Support stereo, bridge, parallel, matrix mode. 320x240 pixel colorful IPS display.

Control connections: USB or TCP/IP. Configured with RS232 and RS485 central control connection. Configured with GPIO external expansion control connection. Dual-network port design, supporting TCP/IP network hand in hand control. Nice GUI windows7/8/10/11 software for network control. NA 4500 D Models Dante versions.

Technical Specifications

Channels	4
Power	4×300W@8Ω 4×500W@4Ω
Bridge mode	2×1000W@8Ω
Cooling system	Dual fans intelligent control
Device monitor	Temperature, Power, Voltage, Current
Support functions	100V, 70V, 8Ω, 4Ω
DSP process	300MHz, 48KHz 24bit
Input connections	Balanced analog 4×XLR(Neutrik®), DANTE
Audio Source Topology	Phoenix terminal Line-out
Dante in option	Dante network 4 channels
Gain	6dB sensitivity: 30dB (×29.5); 0dB sensitivity: 36dB (×31.1)
Max input level	6dB sensitivity: 14dBu (3.88V); 0dB sensitivity: 8dBu (1.94V)
Output Interface	Binding post×4 or Spoken*4 (Two version)
Frequency Response	20Hz～20kHz (±0.5dB)@1W, 8Ω
Ground Noise	700uVRMS (-60dBu)
THD+N	<1%@1W, 8Ω
SNR	6dB sensitivity: 97dB; 0dB sensitivity: 97dB
Channel Isolation	<-70dB
USB:	Type A-B, free driver
RS232/485/GPIO:	Serial port communication
TCP/IP interface:	Dual-port RJ-45, support 5 devices hand in hand
Indicator light:	Switch on/off
Display	320x240 pixel colorful IPS display
Supply	AC180~264 50/60 Hz
Products Dimensions	483mm*305mm*44.5mm, 1U
Packaged Dimensions	542mm*453mm*77mm
Net Weight	4.65kg
Packaged Weight	5.2kg

lucasacoustic.co.uk