NA4500

4 × 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, 4×256/512/768/1024 taps. Supports constant voltage & constant resistance: 100V, 70V, 8ohms, 4ohms. Supports distributed speaker systems & stereo, bridge, parallel, matrix modes. 320×240 pixel colorful IPS display. Control connections: USB or TCP/IP (dual network ports), RS232, RS485, GPIO external expansion. Windows 7/8/10/11 network control software. NA4500D models support Dante.



Technical Specifications

Feature	Specification
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: 30dB (×29.5) / 0dB: 36dB (×31.1)
Max input level	6dB: 14dBu (3.88V) / 0dB: 8dBu (1.94V)
Output Interface	Binding post ×4 or Speakon ×4 (two versions)
Frequency Response	20Hz–20kHz (±0.5dB) @ 1W, 8Ω
Ground Noise	700uV RMS (–60dBu)
THD+N	<1% @ 1W, 8Ω
SNR	97dB
Channel Isolation	<–70dB
USB	Type A–B, driver-free
RS232/485/GPIO	Serial port communication
TCP/IP interface	Dual-port RJ-45, supports 5 devices daisy-chain
Indicator light	Switch on/off
Display	320×240 pixel IPS color display
Supply	AC 180–264V, 50/60 Hz
Product Dimensions	483×305×44.5mm (1U)
Packaged Dimensions	542×453×77mm
Net Weight	4.65kg
Packaged Weight	5.2kg

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