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QUADRO DSP 6.4

L006199



DSP digital power amplifier, 4x1500W@8Ù / 4x2000W@4Ù, Bridge 2x3200W@8Ù, Build-in DSP processor, D class, compressor, limiter, noise gate, PEQ, matrix mixer, delay, FIR function, support 4x2048 Taps, 4.3 IPS colorful capacitive touch display, Ethernet, USB, RS485, RS232, Support constant pressure and resistance: 100V, 70V, 8Ù, 4Ù.

TECHNICAL DETAILS

Product Description

Quadro 6.4, 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 with easy setup and nice operation experience. Variety of connection methods make it configurable and extensible. Suitable for various occasions in the PA project.

Suitable for: Performance & Art Centers, Theaters, Stadiums, Hotels, Meeting Rooms, Shopping Malls, Retail Stores, Restaurants.

Technical Specifications

Power: 4*1500W@8Ù, 4*2000W@4Ù.

Bridged Power: 2*3200W@8Ù

Input Audio Source: Analog, Sine wave, Pink noise, White noise, AES

Input Volume: Mute, Phase, Level detector

Input EQ: 31 bands EQ

Input Noise Gate: Attack time 1×2895ms, Release time 1×2895ms, Threshold level -120dBu×0dBu.

DSP Matrix: 4*4 matrix zone

Output EQ: 10 bands EQ

Frequency Divider: Butterworth, Bessel, Linkwitz-Riley

Delay Input delay: 4×80ms Output delay: 4×20ms

Output Compressor: Soft knee, Threshold level, Attack time, Compression ratio, Releasing time

Output Limiter: Voltage 0.01V~89.50V, Power 0.01W~1000W, Release time 1~2895ms

Output Volume: Mute, Phase, Level detector

DSP Preset: 80 packages

Control Mode: Ethernet, USB, RS485, RS232

Network Model: TCP/IP~1000base-T/100base-TX~RJ45

Channels: 4

Minimum output impedance: Each channel 4Ω, bridged mode 8Ω

Input Interface: Balanced input 4×XLR

Output Interface: Spoken*4, XLR*4

Cooling System: Dual fans intelligent control

Gain: 6dB sensitivity: 30dB (×29.5); 0dB sensitivity: 36dB (×31.1)

Max input level: 20dB sensitivity: 20dBu (7.75V)

SNR: 12dB sensitivity: 94dB; 6dB sensitivity: 94dB; 0dB sensitivity: 94dB

Frequency Response: 20Hz~20kHz (±0.5dB)@1W, 8Ω

THD+N: <0.1%@1W to full power

Sampling: 48K/24bit

Channel Isolation: <-70dB

Operating Mode: Matrix, Bridge

Remotely Control: Remote boot, standby, DSP monitor

Amplifier Monitor: Temperature, Power, Voltage, Current

Constant Pressure and Resistance: 100V, 70V, 8Ω, 4Ω

Display: 4.3"IPS colorful capacitive touch display.

Protection: Audio limiter, high temperature, DC, high frequency, short circuit, back electromotive force, peak current limiter, surge current limiter, start delay, power breaker protection, power supply overvoltage/undervoltage protection.

PC Software: Mconsole for controlling media matrix processor, audio processor, DSP power amplifier, DSP active amplifier module.

Net Weight: 12.35kg.

Packaged Weight: 16.15kg.

Products Dimensions: 483mm x 460mm x 89mm, 2U

Packaged Dimensions: 570mm x 550mm x 165mm.

Power supply input: 180 to 264 Volt AC, 50/60 Hz.

MonoConsole Software

A dark blue rectangular button with rounded corners. On the left side, there is a white icon of a downward-pointing arrow above a document symbol. To the right of the icon, the word "Download" is written in a bold, white, sans-serif font.

PHOTOS



PRODUCT VIDEO

