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QUADRO DSP 2.0

L006185

DSP digital amplifier of 4x500W@4Ù / 4x300W@8Ù ,Bridge 2x1000W@8Ù, D class, support constant pressure 70V/100V(1000W@10Ù), Real time DSP, noise gate, matrix mixer, PEQ, crossover, delay, compressor, USB and RJ45 by TCP/IP protocol, Standard FIR phase correction function.

TECHNICAL DETAILS

Product description

Quadro DSP 2.0, is a DSP digital amplifier of 4*500W@4Ù / 4*300W@8Ù ,Bridge 2*1000W@8Ù, support constant 70V/100V(1000W@10Ù). It can monitor the status of amplifier and adjust the function of DSP in real time and remotely. DSP functions of built-in: noise gate, matrix mixer, PEQ, crossover, delay, compressor etc.

It can be used in: Meeting Rooms, Medium/ Big conference rooms, Schools, Restaurants, Shopping malls.

Technical Specifications

Input: PEQ 15 PEQS

Output: PEQ 10 PEQS

Crossover: Butterworth, Bessel, Linkwitz 6~24

Output Delay: Input Delay:2*100ms / Output Delay:4*20ms

Output Compressor: Knee, Threshold, Attack, Ratio, Release

Output Limiter: Threshold-90dBu~21dBu, Release 1~2895ms

DSP Presets: 30 (one for factory preset)

Control port: TCP/IP, USB, RS485, RS232.

Network: 2*RJ45 TCP/IP, 1000base-T/ 100base-TX

Channels: 4

Power: 4*300W@8Ù 4*500W@4Ù

Bridge Power: 2*1000W@8Ù

Input Interface: Balance 4*XLR Unbalance 4*RCA

Output Interface: 4*Terminal

Cooling Mode: 2*fans intelligent control

Gain 6dBu \times 30dB (29.5 times) \times 0dBu \times 36dB (31.1 times)

Maximum Input Level 6dB \times 16dBu (4.9V)

SNR 6dBu \times 94dB \times 0dBu \times 94dB

Frequency Response 20Hz ~ 20kHz (\pm 0.5dB)@1W \times 8U

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

Sample Rate: 48K/24bit

Channel Isolation: <-70dB

Work Mode: Stereo, Bridge, Mono, free Matrix

Remote Control: Standby, Call, DSP functions

Amplifier Monitor: Temperature, Power, Current and Voltage

Constant Voltage and Resistance: 100V \times 70V \times 8U \times 4U

Display: 320x320pixel, IPS LCD

Protection Mode: DSP limiter \times High temperature, DC, high frequency, short circuit, back EMF, peak current limiter \times Back EMF \times Surge current limiter, startup delay, power circuit breaker protection, power over voltage / under voltage protection.

PC Software: MConsole

Weight: 4Kgs.

Size: 483 x 300 x 445 mm.

Power Input: 110 - 264 Volt AC, 50/60 Hz.

PHOTOS



PRODUCT VIDEO

