QUADRO DSP
L006241

Digital speaker management system, 4 input, 8 outputs full matrix mixing, 32 bit converters with 96khz sampling, USB Connection for PC or RJ45 LAN Connector for Long Distance Control, ? programmable PC Software, Low-Shelving Equalizer, Hi-Shelving Equalizer, Lo-Cut filter, Hi-Cut filter, All-Pass filter, Compressor / Limiter 6 Digital Compressors / Limiters per Output, state-of-the-art signal processing.

TECHNICAL DETAILS

Product description

Professional speaker processor, with variable DSP functions, and integrated compressors, limiters, frequency dividers, dynamic EQ, delayers, equalizers, input and output with FIR phase correction, and audio mixers.

Suitable for stadium, performances, auditoriums, halls, and conference rooms.

Technical Details
DSPMODULE

- Signal processing: ADI SHARC 21489
- Audio system delay: 2.8 ms
- D/A conversion: 24-bit
- Sampling Rate: 96kHz

ANALOG AUDIO INPUTS AND OUTPUTS

- Input channel: 4 balanced inputs.Line level.
- Audio interface: Cannon male and female
- Input resistance: 22kÙ
- Maximum input level: 16dBu/Line
- Output channel: 8x balanced outputs, Line level

- Output impedance: 150Ω

AUDIO PERFORMANCE SPECIFICATIONS

- Frequency response curve: 20Hz☒40kHz(±0.5dB)/Line
- Noise floor: 20Hz☒20kHz,A-wt,-93dBu
- THD+N: -90dB(@0dBu,1kHz,A-wt)/Line
- SNR: 108dB(@16dBu,1kHz,A-wt)/Line

COMMUNICATION PORTS AND INDICATORS

- USB: Micro-B type
- Serial port
- RJ-45, for TCP/IP network connection
- LED Indicators: CLIP, LEVEL, EDIT, MUTE

Physical Dimensions / Electrical characteristics

Power supply range: AC90V☒264V50/60Hz
Operating temperature -20☒☒80☒
Product dimensions: 483mm×226mm×44.5mm
Packed dimension: 540mm×345mm×77mm
Net weight: 3.2kg
Packed weight 4.1kg

PHOTOS