

MARTIN AUDIO iK42-Dante

Šifra: 22439

Kategorija proizvoda: Razglasna Pojačala

Proizvođač: Martin Audio



Cena: 1.199.880,00 rsd

General

TYPE: Four-channel Class D amplifier

POWER OUTPUT (*):

- 5000W into 2Ω
- 3000W into 4Ω
- 1500W into 8Ω
- 750W into 16Ω
- 10000W bridged per channel pair, 4Ω
- 6000W bridged per channel pair, 8Ω

CV LINE OUTPUT (*):

- 1250W, 25V line
- 3500W, 70V line
- 5000W, 100V line

DIGITAL SIGNAL PROCESSING: 96kHz/48kHz DSP on all inputs and outputs

COOLING: Dual vari-speed fans, front-to-back airflow

MAXIMUM AMBIENT TEMPERATURE: 40°C (104°F)

Audio Inputs/Outputs

ANALOGUE IN/LINK (4 CHANNELS):

- 4 x female
- 4 x male Neutrik™ XLR

ANALOGUE INPUT IMPEDANCE: 20kΩ balanced to ground

MAXIMUM ANALOGUE INPUT LEVEL: +20dBu

AES3 IN/LINK (2 CHANNELS): 1 x female, 1 x male Neutrik™ XLR, balanced

DANTE™ (4 CHANNELS) (AES67 COMPATIBLE): 2 x shielded RJ45, primary and secondary

AMPLIFIER OUTPUTS: 4 x Neutrik Speakon™ NL4

Audio Performance

DYNAMIC RANGE:

- >113dBA, analogue input
- >114dBA AES/Dante™ input

FREQUENCY RESPONSE: 7Hz-30kHz (-2.5dB points, 4Ω load)

TOTAL HARMONIC DISTORTION: <0.05% typical @ 1kHz, 4Ω load

SLEW RATE: >60V per microsecond

DAMPING FACTOR: >800 at amplifier output, ref 8Ω

Control and Monitoring Network

PROTOCOL: Ethernet

CONTROL APPLICATION: Martin Audio VU-NET™

Digital Signal Processing

SAMPLE RATE: 96kHz (48kHz for FIR filter implementation)

AUDIO INPUTS: 4 x analogue, 1 x AES pair with link output, 4 x Dante™ inputs routable to 4 x input

DSP

DRIVE MODULE INPUT DSP:

- Input signal routing, delay, gain, HPF, Phase, Mute
- EQ: 2 x low shelf, 6 x PEQ/bandpass and FIR shelving filters

DRIVE MODULE OUTPUT DSP:

- Source, delay, gain, Phase, Mute, crossover filters, limiters
- EQ: low shelf, 8 x PEQ / band pass and shelving filters

Power Supply

TYPE: High performance Series Resonant

AC INPUT OPERATING RANGE: 85 - 240V ~ AC, 47 - 63Hz

MAINS INRUSH CURRENT: 6A at 115V, 12A at 230V (max for <10ms)

MAINS CONNECTOR: Neutrik 32A Powercon™

Physical

DIMENSIONS:

- (W) 482 x (H) 2U/88mm x (D) 441mm
- (W) 18.98in x (H) 2U/3.46in x (D) 17.35in (incl handles and optional rear support)

WEIGHT: 12.5kg (27.5lbs)