



TECHNISCHE DATEN

PowerPac D10.4



Professional sound made in Germany



Analog Inputs

Connectors: 3-Pin XLR (Software Switch h-Able Between Analog And AES -3)

Type: Electronically Balanced

Impedance: >10k Ohms, Balanced

Common Mode Rejection: >90dB

Max Input Level: 21 DBu, Balanced

Frequency Response: 20 Hz– 20 KHz, ± 0.2 DB

THD+N: Less Than 0,005%, -20 DBu, 20Hz- 20 KHz, 22 KHz BW

Dynamic Range: 121 DB, 20 Hz To 20kHz, Un -Weighted At +21dBu

Crosstalk: >90 DB

AD Conversion: 24 -Bit, Sigma-Delta

AES-3 Inputs

Connector: 3-Pin XLR (Software Switch -Able Between Analog And AES -3)

Type: Transformer Isolated

Impedance: 110 Ohms, Balanced

Supported Formats: AES-3 Up To 24-Bit

Supported Sample Rates: 32 To 192 KHz

Link Outputs

Analog: Feedthrough

AES -3: Active Buffered With Fallback

Networked Audio Inputs

Connector: 2x Ethercon

Supported Formats: DANTE, AES67RTP, Supports Redundancy

Supported Sample Rates: 48 To 192 KHz



Power Outputs

Connectors: 2x NL4 + 1x NL8

Power Stage: Class D, DC Coupled Driven From DAC

Output Power:50Hz Burst RMS 1/3 12dB Crest Factor

4 x 2500W, 2ohm

4 x 2500W, 4ohm

4 x 1600w, 8ohm

Frequency Response: 20 Hz– 20 KHz, ± 0.2 DB, Load Independent

Phase Response: ± 6 Deg 20hz- 20kHz

THD+N: 0,005%, -20 DBu, 20Hz- 20 KHz, 22 KHz BW

Dynamic Range: 123 DB, 20 Hz To 20kHz, Un -Weighted

Crosstalk: >90 DB

DA Conversion Resolution: 24-Bit, DC Coupled

Digital Processing

Sample Rate: 44,1kHz, 48kHz, 88,2kHz, 96kHz, 176,4kHz Or 192kHz Selectable

Internal Processing: Dual TI C6000 32-Bit Floating Point DSP's

Input / Output Channel: 4 / 4

Network Remote Control

Built-In EthernetSwitch: IEEE 802.3 10Base-T/100BaseTX

Connectors: 3 X Neutrik EtherCon, Auto MDI -MDIX

Protocol: Proprietary UDP/IP Based, SNMP

Mains

Connector: Neutrik PowerCon 32A

Voltage: Internal Selectable 115V/230Vac



115V: 90-132Vac, 47-63Hz

230V: 180-264Vac, 47-63Hz

Power Consumption: 3600W

User Processing Functions

Gain: - 80 To +15dB, 0,1dB Steps

Polarity: Normal / Inverted

Delay: Duration: 0 To 1500ms, Sample Rate Depend Steps,

Distance: 0 To 500m

Temperature:-20 To 50°C (-4 To 122°F), 0,1° Steps

Relative Humidity: 0 To 100%, 0,1% Steps

PEQ:

Bands 12

Filter Types: Bell -Symmetrical, Bell-Asymmetrical, Notch, Low-Shelving 6dB/Oct, Low-Shelving 12dB/Oct, High-Shelving 6dB/Oct , High-Shelving 12dB/Oct, All - Pass 90°, All-Pass 180°, HighPass 6dB/Oct, HighPass 12dB/Oct, High-Pass Vari-Q 12dB/Oct, Low-Pass 6dB/Oct, Low-Pass 12dB/Oct, LowPass Vari-Q 12dB/Oct, Band-Pass

Frequency: 10Hz To 22kHz, 0,1Hz Steps

Gain: -40 To +15dB, 0,1dB Steps (When Applicable)

Q: 0,1 To 48, 0,01 Steps (When Applicable)