

D-Series

D1

D1 AMPLIFIERS with "ASP"

D1 amplifiers are Class-D High Efficiency Power Amplifiers with fixed Loudspeaker Management included. D1-series features latest technology in Class-D amplifier design including extremely high fidelity sound with frequency-independent harmonic distortion performance, high efficiency design and very low total weight. Speaker preset filters are done in analog domain (ASP = Analog Signal Processing) resulting in zero latency, wide bandwidth and natural transparency.

All D1 amplifiers are fitted with user variable speaker specific presets for specific loudspeaker including high-pass and low-pass filters, parametric EQ and very transparent optical limiter circuit. Filters can also be bypassed if additional DSP is used such as aux outputs of D80DSP.

All models are powered by auto mains voltage sensing switch-mode power supply with over current and over voltage protection system and optimized cooling system.

FEATURES

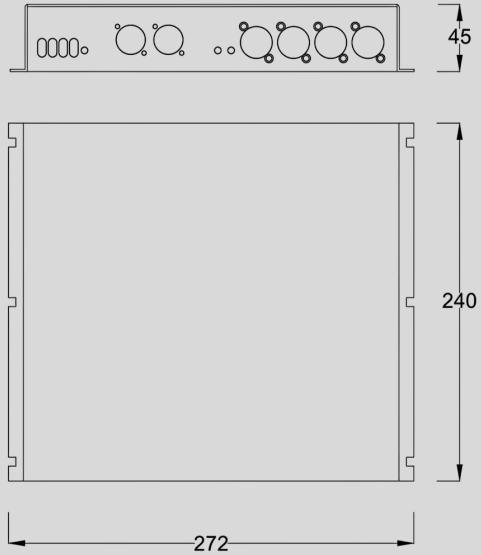
Analog signal path with optical limiter
Class-D amplifiers with switch-mode power supply
Preconfigured loudspeaker management for i-series, F-series and subs
90% total efficiency

SPECIFICATIONS

Frequency response: 15Hz-30kHz -1dB
THD+N at -3dB <0.05% (50Hz - 20kHz)
THD+N at +10dB limit <0.5% (1kHz)
Input connectors: 2 x XLR
Output connectors: 2-3 x Speakon NL4
Mains connector: Powercon

DIMENSIONS

272mm x 45mm x 240mm
Weight: 3kg



D1 MODELS

D1.21
2 x 125W/4 ohms (250W/8 ohms bridged), 2 x ASP

D1.22
2 x 250W/4 ohms (500W/8 ohms bridged), 2 x ASP

D1.31
3 x 100W/4 ohms (no bridge mode), 2 x ASP

D1.32
2 x 200W/4 ohms + 1 x 100W/4 ohms (no bridge mode), 2 x ASP

