AMPLIFIERS

d&b audiotechnik D12 STEREO AMPLIFIER



The d&b D12 amplifier is a dual channel amplifier incorporating digital signal processors (DSP) to provide loudspeaker specific configurations and functions. It is designed for use with all d&b loudspeakers, has both digital and analog signal inputs as well as link outputs, remote control and monitoring capabilities and sophisticated protection circuits.

It utilizes an autosensing switch mode power supply for mains voltages 115 / 230 V, 50 60 Hz (optional 100 / 200 V) and has a temperature and signal controlled fan to cool the internal assemblies.It is specifically designed to produce high power into low impedance loads, typically those between 4 and 16 ohms. A user definable 4-band parametric equalizer, and signal delay capability of up to 340 ms are incorporated and can be applied independently to each channel. A signal generator offering pink noise or sine wave program is also included. The D12 uses its Load monitoring and System check functions to ascertain the status of the loudspeaker impedance.

d&b System check verifies that the system performs within a predefined condition, whilst d&b Load monitoring enables an automatic and continuous impedance monitoring. Both can determine the status of an LF or HF driver in systems with multiple elements, even if these are crossed over passively.

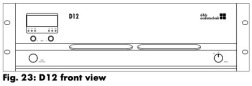


Fig. 23: D12 front view

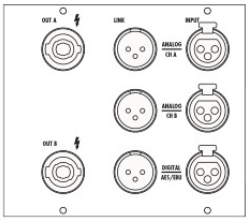


Fig. 28: D12 I/O panel NL4

Features:
• 2 x 750 W into 8 ohms 2 x 1200 W into 4 ohms
• Frequency response (1 dB), 28 Hz to 40 kHz
• Very Reliable
• Digital signal processors (DSP)
• Comprehensive protection circuits
• LCD screen

Applications:
• Theatre
• Conference
• Cinema
• Rock n Roll
• Live Event
• Theme Parks
• Houses of Worship
• Leisure Facilities
• Voice Evacuation
• Stadiums

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