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D12 amplifier

The 3 RU two channel D12 amplifier delivers medium to high power into low impedance loads between 4 and 16 ohms and is ideally suited for use in both mobile and installation environments. The D12 contains setups for all d&b loudspeakers and a linear mode. The signal delay capability enables user definable settings of up to 340 msec (=100 m/328.1 ft) to be applied independently to each channel. The same applies to the 4-band parametric equalizer, providing optional boost/cut or notch filtering. The D12 incorporates a digital rotary encoder and a LCD display to configure the amplifier.

The D12 utilizes an autosensing switch mode power supply for mains voltages 120 V/230 V, 50 - 60 Hz (optional 100/200V). The D12 amplifier incorporates d&b SenseDrive for accurate control of LF drivers in d&b loudspeakers driven in 2-Way Active mode or in actively driven d&b subwoofers. When the D12 is fitted with EP5 connectors and appropriate 5 wire cabling, d&b SenseDrive can be used, resulting in an extremely precise bass performance even at high levels. NL4 and NL8 connector options are also available. RJ 45 connectors enable access to the Remote network via CAN-Bus. 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.

-  Finance-Series
-  Comparison list (0)
-  Add to comparison list



Controls and indicators

ISP, GR, OVL A/B	LED indicators
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Digital Signal Processing

Equalizer	4-band PEQ/Notch
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Latency analog and digital inputs	0.3 msec.
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Delay setting	0.3 - 340 msec with 0.1 msec detents
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Configurations	current d&b loudspeakers and linear mode
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Function switches	d&b loudspeaker specific circuits
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Frequency generator	Pink noise or Sine wave
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Sampling rate	96 kHz/27 Bit ADC/24 Bit DAC
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Connectors

INPUT ANALOG (A1, A2)	3 pin XLR female
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ANALOG LINK (A1, A2)	3 pin XLR male
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INPUT DIGITAL (D1, D2)	3 pin XLR female AES 3
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DIGITAL LINK (Output)	3 pin XLR male
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Sampling rate	48 kHz/96 kHz
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Sampling Digital AES/EBU	48 kHz/96 kHz
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OUT CHANNEL A/B	NL4, optional EP5/NL8
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REMOTE	2 x RJ 45 parallel, CAN-Bus
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Power supply

Type	Autosensing switch mode power supply
Rated mains voltage high range	200 - 230 V, 50 - 60 Hz
Rated mains voltage low range	100 - 120 V, 50 - 60 Hz

Dimensions, weight

Dimensions (H x W x D)	3 RU x 19" x 353 mm/13.9"
Weight	13 kg/29 lb

Application information is presented for guidance only. d&b reserves the right to make any necessary changes to the products and the published specifications. As part of the ongoing development program d&b tries to maintain the highest degree of product compatibility.

Documentation



Downloads

- Remote and service
- Architectural specifications
- 2D drawings

Architectural specifications

