

## d&b D12 Amplifier



### D12 amplifier

The d&b D12 amplifier is a two channel power amplifier that incorporates digital signal processors (DSP) providing loudspeaker specific controller functions. It is designed for use with all current d&b loudspeakers, and a linear mode is available. The D12 is designed with both digital and analog signal inputs, loudspeaker outputs, and has remote control and monitoring capabilities. The switch mode power supply will function with a variety of mains voltages and allows less weight at high output power.

The level control on the front panel incorporates a digital rotary encoder, which enables selection of all operating modes in conjunction with a Liquid Crystal Display (LCD). The D12 includes complete signal processing, all necessary protection circuits, a REMOTE and SERVICE interface, all connectors and status indicators.

## Product Specifications

### D12 Data (Linear Setting With Subsonic Filter)

**Rated Output Power (THD+N < 0.1%)**

2 X 750 W Into 8  $\Omega$ , Both Channels Are Driven

2 X 1200 W Into 4  $\Omega$ , Both Channels Are Driven

> 110 Dbr

**S/N Ratio (Unweighted, RMS)**

**D12 Data D12 Connectors**

**Input/Link Analog A/B**

3 Pin XLR Female/Male

**Input/Link Digital Aes/Ebu**

3 Pin XLR Female/Male

**Sampling Rate**

48 Khz / 96 Khz

**Out Channel A/B**

NL4

**Remote**

2 X RJ 45 Parallel

**Service**

SUB-D9 Female

### D12 Digital Signal Processing

**Sampling Rate**

96 Khz / 27 Bit ADC / 24 Bit DAC

**Basic Delay / Latency Analog Input**

0.3 Ms

### D12 Power Supply

**Autosensing Switch Mode Power Supply For**

115/230V, 50 - 60 Hz Optional 100/200V, 50 - 60 Hz

**Mains Connector**

Powercon®

**D12 Remote Network**

Remote Network Can-bus

**D12 Dimensions, Weight HxWxD**

3 RU X 19" X 353 Mm / 13.9" Weight 13 Kg / 29 Lb

**Dimension Audio**  
Unit E2  
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Gatwick Road  
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