

131

Single Channel 31-Band Graphic Equalizer

dbx[®]

PROFESSIONAL PRODUCTS

VISIONARY DESIGN

The dbx 2-Series Graphic Equalizer series have been designed to meet the needs of the most demanding sound reinforcement environments, while offering the simplicity of straightforward controls. The 131 provides not only offers standard features like single-channel, 31, 1/3 octave bands, ISO frequency centers, +/- 12 dB input gain range, and switchable 50Hz/12 dB per octave low-cut filter, but also includes other insightful features. These features include 20 mm faders; selectable +/-6dB or +/-12dB boost/cut range for precise gain adjustments; XLR, and 1/4" TRS connectors for installation ease; balanced inputs and outputs for quiet operation. The visionary design of the dbx 2-Series makes your job easier.

REVOLUTIONARY ENGINEERING

The 2-Series represents a major step forward in the performance of entry-level graphic equalizers. From its amazing 10Hz to 50kHz frequency response, to its 108dB dynamic range, internal toroidal transformer, the 2-Series offers out of this world specifications with a down to earth price point. Sure to find a home in the studio, on tour and with installed sound venues, the 2-Series is destined to take its rightful place in the lineage of great dbx[®] signal processors that are the professional's choice in signal processing. With such affordable quality, there's no longer any excuse for compromising your sound.

FEATURES

- **Single 31-band, 1/3-octave Constant Q frequency bands**
- **Switchable boost/cut ranges of ± 6 or ± 12 dB**
- **12 dB per octave, 3dB down @ 50Hz low-cut filter**
- **Front panel bypass switch**
- **± 12 dB input gain range**
- **4-segment LED ladders for monitoring output levels**
- **XLR and TRS Inputs and Outputs**
- **Internal Toroidal Transformer**
- **Frequency Response of <10 Hz to >50kHz**
- **Dynamic range of greater than 108dB**

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H A Harman International Company



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SPECIFICATIONS

Inputs

Connectors: 1/4" TRS, female XLR (pin 2 hot)
Type: Electronically balanced/unbalanced, RF filtered
Impedance: Balanced 40k Ω , unbalanced 20k Ω
Max Input Level: $>+21$ dBu balanced or unbalanced
CMRR: >40 dB, typically >55 dB at 1kHz

Outputs

Connectors: 1/4" TRS, male XLR (pin 2 hot)
Type: Impedance-balanced/unbalanced, RF filtered
Impedance: Balanced 100 Ω , unbalanced 50 Ω
Max Output Level: $>+21$ dBu balanced/unbalanced into 2k Ω or greater
 $>+18$ dBm balanced/unbalanced (into 600 Ω)

System Performance

Bandwidth: 20Hz to 20kHz, $+0.5/-1$ dB
Frequency Response: <10 Hz to >50 kHz, $+0.5/-3$ dB

Dynamic Range: 108db
Signal-to-Noise: 90db
THD+Noise: $<0.004\%$
Interchannel Crosstalk: <-80 dB, 20Hz to 20kHz

Function Switches

EQ Bypass: Bypasses the graphic equalizer section in the signal path
Low Cut: Activates the 50Hz 12dB/octave high-pass filter
Range: Selects either ± 6 dB or ± 12 dB slider boost/cut range

Power Supply

Operating Voltage: 100VAC 50/60Hz, 120VAC 60Hz, 230VAC 50/60Hz
Power Consumption: 12W
Mains Connection: IEC receptacle

Note: Specifications subject to change.

dbx engineers are constantly working to improve the quality of our products. Specifications are, therefore subject to change without notice.

FOR MORE INFORMATION CONTACT:

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