

Product Spec Sheet from Rentex

dbx 131S Graphic EQ, 31 Band, 1/3 Octave, Single Channel

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Rentex Product No. XAPEQ00



Mfr Part No. 131S

The dbx 131s includes a single 31-band channel of 1/3-octave equalization, ± 12 dB input gain, switchable ± 6 dB or ± 12 dB boost/cut range, 20mm nonconductive sliders, an intuitive user interface, and output level metering. From its extended 10Hz to 50kHz frequency response and 110 dB dynamic range to the quality componentry and meticulous attention to detail, the 131s offers exceptional sound and rugged reliability.

Features

- Single 31-band, 1/3-octave Constant Q frequency bands
- Switchable boost/cut ranges of ± 6 or ± 12 dB
- 12dB 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
- Frequency Response of <10Hz to >50kHz
- Dynamic range of greater than 108dB

Detailed Specifications

Inputs:

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

Outputs:

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

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 +/- 6dB or +/-12dB slider boost/cut range

System Performance:

Bandwidth	20Hz to 20kHz, +0.5/-1dB
Frequency Response	<10Hz to >50kHz, +0.5/-3dB
Dynamic Range	Typically >112dB
Signal-to-Noise	Typically >95dB
THD + Noise	<0.003%
Interchannel Crosstalk	<-90dB, 20Hz to 20kHz

Power Supply:

Operating Voltage	100-240VAC 50/60Hz
Power Consumption	15W
Mains Connection	IEC receptacle

Physical:

Weight	4.8 lbs (2.2 kg)
Dimensions	19.0 x 1.75 x 6.0 inches