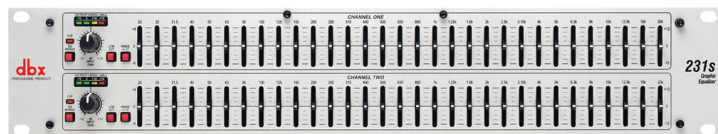


Product Spec Sheet from Rentex

dbx 231S EQ, 31 Band, 1/3 Octave, Dual Channel

Download Spec Sheet @ www.rentex.com/spec/XAPEQ20.pdf

Rentex Product No. XAPEQ20



Mfr Part No. 231S

The dbx 231s includes two 31-band channels 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 112 dB dynamic range to the quality componentry and meticulous attention to detail, the 231s offers exceptional sound and rugged reliability that guarantees you will always sound your best.

Features

- Dual 31-band, 1/3-octave Constant Q frequency bands
- Switchable boost/cut ranges of ± 6 or ± 12 dB
- Front panel bypass switch
- ± 12 dB input gain range
- XLR and TRS Inpts and Outputs
- Frequency Response of <10Hz to >50kHz

Detailed Specifications

Input Connectors	1/4" TRS, female XLR (pin 2 hot)	Range Switch	Selects either +/- 6dB or +/-12dB slider boost/cut range
Input Type	Electronically balanced/unbalanced, RF filtered	Operating Voltage	100-240VAC 50/60Hz
Input Impedance	Balanced 40k ohm, unbalanced 20k ohm	Power Consumption	15W
Max Input	>+21dBu balanced or unbalanced	Power Connector	IEC receptacle
CMRR	>40dB, typically >55dB at 1kHz	Dimensions (HxDxW)	3.5" (8.9cm) x 6" (15.24cm) x 19" (48.26cm)
Output Connectors	1/4" TRS, male XLR (pin 2 hot)	Weight	6.2 lbs.(2.81 kg)
Output Type	Impedance-balanced/unbalanced, RF filtered		
Output Impedance	Balanced 100 ohm, unbalanced 50 ohm		
Max Output	>+21dBu balanced/unbalanced into 2k ohm or greater; >+18dBm balanced/unbalanced (into 600 ohm)		
Bandwidth	20Hz to 20kHz, +0.5/-1dB		
Frequency Response	<10Hz to >50kHz, +0.5/-3dB		
Dynamic Range	Typically >112dB		
Signal to Noise Ratio	Typically >95dB		
THD+Noise	<0.003%		
Interchannel Crosstalk	<-90dB, 20Hz to 20kHz		
Bypass Switch	Bypasses the graphic equalizer section in the signal path		
Low cut Switch	Activates the 50Hz 12dB/octave high-pass filter		