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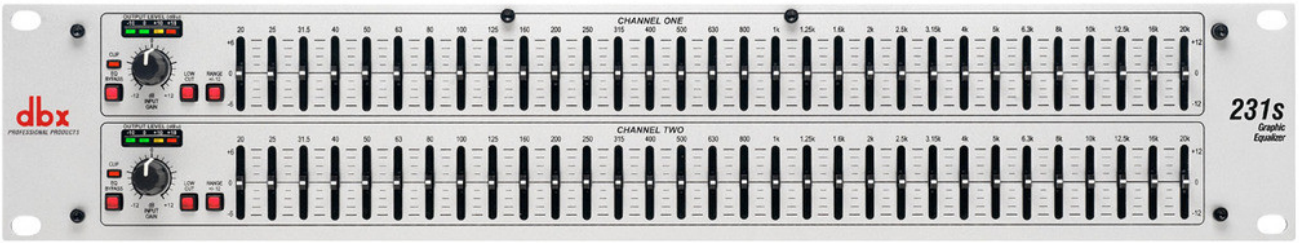
# dbx 231S Dual Channel 31 Band Equalizer




When the pros need an EQ, they turn to dbx. With a proven track record that spans four decades, dbx® EQs are the industry standard for touring, studios, and audio installations. With the dbx heritage of revered pro EQs, the 231s meets the needs of the most demanding sound reinforcement environments, while offering the simplicity of straightforward controls.

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.

Sure to find a home in the studio, on tour and with installed sound venues, the dbx 231s 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.

Specifications
Input Connectors 1/4″ TRS, female XLR (pin 2 hot)
Input Type Electronically balanced/unbalanced, RF filtered
Input Impedance Balanced 40k ohm, unbalanced 20k ohm
Max Input >+21dBu balanced or unbalanced
CMRR >40dB, typically >55dB at 1kHz
Output Connectors 1/4″ TRS, male XLR (pin 2 hot)
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
Range Switch Selects either +/- 6dB or +/-12dB slider boost/cut range
Operating Voltage 100-240VAC 50/60Hz
Power Consumption 15W
Power Connector IEC receptacle
Unit Weight 6.2 lbs.(2.81 kg)
Shipping Weight 7.9 lbs.(3.58kg)
Dimensions 3.5″ (8.9cm) H x 6″(15.24cm) D x 19″ (48.26cm) W

dbx 231S Dual Channel 31 Band Equalizer Manual

**Price:** $335.00

**SKU:** 6355

**Categories:** Effects, Live Sound & Lighting, Rack Effects, Recording Equipment

**Tags:** Graphic Equalizers

**Product Short Description :**

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
4-segment LED ladders for monitoring output levels
XLR and TRS Inpts and Outputs
Frequency Response of 50kHz
Dynamic range of greater than 108dB

**Product Gallery:**

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