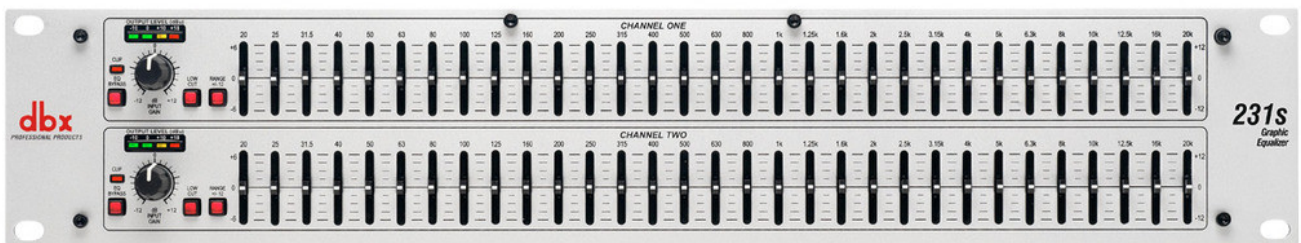




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# dbx 231S Dual Channel 31 Band Equalizer



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,  $\pm 12$  dB input gain, switchable  $\pm 6$  dB or  $\pm 12$  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  $\pm 6$  or  $\pm 12$  dB

Front panel bypass switch

$\pm 12$  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:**



**Customer Service Is Our Top  
Priority!**