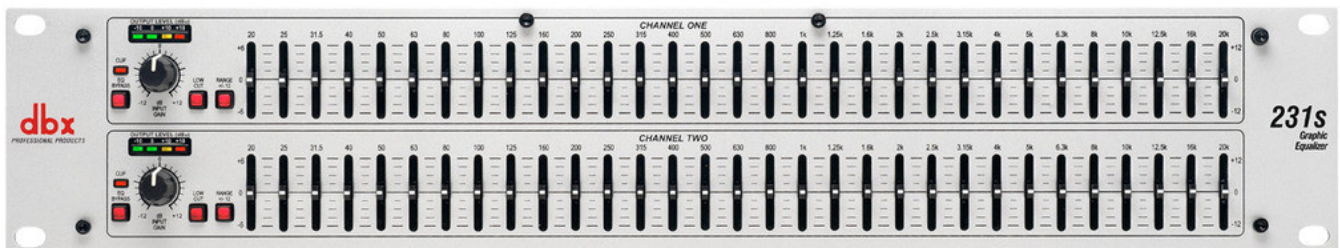




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## [dbx 231S Dual Channel 31 Band Equalizer](#)



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:** \$289.00

**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!***