

# dbx 215S Dual Channel 15 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 215s meets the needs of the most demanding sound reinforcement environments, while offering the simplicity of straightforward controls.

The dbx 215s includes two 15-band channels of 2/3-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 215s 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 215s 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 40 k $\Omega$ m, unbalanced 20 k $\Omega$ m

Max Input  $>+21$ dBu balanced or unbalanced

CMRR  $>40$ dB, typically  $>55$ dB at 1kHz

Output Connectors 1/4" TRS, male XLR (pin 2 hot)

Output Type Impedance-balanced/unbalanced, RF filtered

Output Impedance Balanced 100  $\Omega$ m, unbalanced 50  $\Omega$ m

Max Output  $>+21$ dBu balanced/unbalanced into 2 k $\Omega$ m or greater;  $>+18$ dBm balanced/unbalanced (into 600  $\Omega$ m)

Bandwidth 20Hz to 20kHz,  $+0.5/-1$ dB

Frequency Response  $<10$ Hz to  $>50$ kHz,  $+0.5/-3$ dB

Dynamic Range Typically  $>112$ dB

Signal to Noise Ratio Typically  $>95$ dB

THD+Noise  $<0.003\%$

Interchannel Crosstalk  $<-90$ db, 20Hz to 20kHz

Bypass Switch Bypasses the graphic equalizer section in the signal path

Low cut Switch Activates the 50Hz 12dB/octave Bessel high-pass filter

Range Switch Selects either  $\pm 6$ dB or  $\pm 12$ dB slider boost/cut range

Operating Voltage 100VAC-240VAC 50/60Hz

Power Consumption 15W

Power Connector IEC receptacle

Unit Weight 4.8 lbs.(2.2 kg)

Shipping Weight 6.2 lbs.(2.8kg)

Dimensions 1.75" (4.4cm) H x 6" (15.24cm) D x 19" (48.26cm) W

[dbx 215S Dual Channel 15 Band Equalizer Manual](#)