

# 215

Dual 15-Band Graphic Equalizer

**dbx**<sup>®</sup>

PROFESSIONAL PRODUCTS

## VISIONARY DESIGN

The dbx 2-Series Graphic Equalizers have been designed to meet the needs of the most demanding sound reinforcement environments, while offering the simplicity of straight forward controls. The 215 not only provides standard features like dual channels, 15 2/3 octave bands, ISO frequency centers, +/-12 dB input gain range, and switchable 50Hz/12 dB per octave low-cut filters, but also includes other thoughtful features. These features include: 20 mm faders; selectable +/-6dB or +/-12dB boost/cut range for precise gain adjustments; XLR, and 1/4" TRS connectors for installation ease; balanced inputs and outputs for quiet operation; and chassis/signal ground lift capabilities for quick hum isolation. The visionary design of the dbx 2-Series has been pursued to make your job easier.

## REVOLUTIONARY ENGINEERING

The 2-Series represents a major step forward in the performance of entry-level graphic equalizers. From its amazing 10Hz to 50kHz frequency response, to its 108dB dynamic range, internal toroidal transformer, the 2-Series offers out of this world specifications with a down to earth price point. Sure to find a home in the studio, on tour and with installed sound venues, the 2-Series is destined to take its rightful place in the lineage of great dbx<sup>®</sup> 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.

## FEATURES

- **Two 15-band, 2/3-octave Constant Q frequency bands**
- **Switchable boost/cut ranges of  $\pm 6$  or  $\pm 12$  dB**
- **12 dB per octave, 3dB down @ 50Hz low-cut filter**
- **Front panel bypass switch**
- **$\pm 12$  dB input gain range**
- **4-segment LED ladders for monitoring output levels**
- **XLR and TRS Inputs and Outputs**
- **Internal Toroidal Transformer**
- **Frequency Response of <10 Hz to >50kHz**
- **Dynamic range of greater than 108dB**

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# 215

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## SPECIFICATIONS

### Inputs

Connectors: 1/4" TRS, female XLR (pin 2 hot)  
Type: Electronically balanced/unbalanced, RF filtered  
Impedance: Balanced 40k $\Omega$ , unbalanced 20k $\Omega$   
Max Input Level:  $\gg$ +21dBu balanced or unbalanced  
CMRR:  $>$ 40dB, typically  $>$ 55dB at 1kHz

### Outputs

Connectors: 1/4" TRS, male XLR (pin 2 hot)  
Type: Impedance-balanced/unbalanced, RF filtered  
Impedance: Balanced 100 $\Omega$ , unbalanced 50 $\Omega$   
Max Output Level:  $\gg$ +21dBu balanced/unbalanced into 2k $\Omega$  or greater  
 $\gg$ +18dBm balanced/unbalanced (into 600 $\Omega$ )

### System Performance

Bandwidth: 20Hz to 20kHz, +0.5/-1dB  
Frequency Response:  $<$ 10Hz to  $>$ 50kHz, +0.5/-3dB

Dynamic Range: 108db  
Signal-to-Noise: 90db  
THD+Noise:  $<$ 0.004%  
Interchannel Crosstalk:  $<$ -80dB, 20Hz to 20kHz

### Function Switches

EQ Bypass: Bypasses the graphic equalizer section in the signal path  
Low Cut: Activates the 50Hz 12dB/octave high-pass filter  
Range: Selects either  $\pm$  6dB or  $\pm$  12dB slider boost/cut range

### Power Supply

Operating Voltage: 100VAC 50/60Hz, 120VAC 60Hz, 230VAC 50/60Hz  
Power Consumption: 12W  
Mains Connection: IEC receptacle

Note: Specifications subject to change.

dbx engineers are constantly working to improve the quality of our products. Specifications are, therefore subject to change without notice.

### FOR MORE INFORMATION CONTACT:

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The Professional's Choice In Signal Processing

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