The dbx 12 Series were designed to meet the needs of the most demanding sound reinforcement environments, while offering the simplicity of straightforward controls. The 1215 provides standard features like dual channels, 15 2/3 octave bands, ISO frequency centers, +/-12 dB input gain range, and switchable 40Hz/18 dB per octave low-cut filters, but also includes other thoughtful features. These include 45 mm faders; selectable +/-6dB or +/-15dB boost/cut range for precise gain adjustments; XLR, barrier strip, 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 12 Series makes your job easier.

The dbx 12 Series Equalizers were precision engineered to provide years of maintenance-free operation in any application. The magnetically isolated transformer, electronically balanced/unbalanced inputs and servo balanced/unbalanced outputs, RF-filtered inputs and outputs, and power-off hard-wire relay bypass with 2 second power up delay were steps our engineers took to ensure compatibility for all installations. Only the best components were utilized, yielding a 10Hz to 50kHz frequency response, greater than 90dB SNR (ref +4dBu), less than 0.005% THD +Noise (1kHz at +4dBu), and interchannel crosstalk of less than -80dB from 20Hz to 20kHz. All this attention to detail is contained in a 2U steel/aluminum chassis. It’s no wonder that dbx has been a leader in the industry for over 25 years.

**FEATURES**

- Switchable Boost/Cut range between ±6dB and ±15dB
- Electronically balanced/unbalanced inputs
- Servo balanced/unbalanced outputs
- RF filtered inputs and outputs
- XLR, Barrier Strip, and 1/4” TRS connectors
- -12dB/+12dB input gain range
- 18dB/octave 40Hz Bessel low-cut filter
- Chassis/signal ground lift capability
- Internal power supply transformer
- Power-off hardwire relay bypass with 2-second power-up delay
The graphic equalizer shall be a dual 15-band type with frequency centers on standard ISO two-thirds octave frequencies ranging from 25Hz to 16kHz. The boost/cut ranges shall be switchable via recessed front panel switches to either +/-6dB or +/-15dB and the selected range shall be indicated on the front panel by either of two LEDs per channel. Low-noise equalization sliders having a 45mm travel shall be utilized having center detents at 0dB. The equalizer shall have front panel 41-detent input/output switches to either +/-6dB or +/-15dB and the selected range shall be indicated on the front panel by either of two LEDs per channel. Low-noise equalization sliders having a 45mm travel shall be utilized having center detents at 0dB. The equalizer shall have front panel 41-detent input/output switches to either +/-6dB or +/-15dB and the selected range shall be indicated on the front panel by either of two LEDs per channel. 

**Inputs**

Connectors: 1/4" TRS, female XLR (pin 2 hot), and barrier terminal strip

Type: Electronically balanced/unbalanced, RF filtered

Impedance: Balanced 40kΩ, unbalanced 20kΩ

Max Input Level: +21dBu balanced or unbalanced

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

**Outputs**

Connectors: 1/4" TRS, male XLR (pin 2 hot), and barrier terminal strip

Impedance: Balanced 200Ω, unbalanced 100Ω

Max Output Level: +18dBm balanced/unbalanced into 600Ω

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

**System Performance**

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

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

+/-15dB range +6dB range

Dynamic Range: 109dB, 115dB

Signal-to-Noise: 90dB, 97dB

THD+Noise: <0.005%

Interchannel Crosstalk: <80dB, 20Hz to 20kHz

**Function Switches**

EQ Bypass: Bypasses the graphic equalizer section in the signal path

Low Cut (recessed): Activates the 40Hz low-cut Bessel high-pass filter

Range (recessed): Selects either +/-6dB or +/-15dB slider boost/cut range

**Connectors**

1/4" TRS, female XLR (pin 2 hot), and barrier terminal strip

**Indicators**

Output Level: 4-LED bar graph (Green, Green, Yellow, Red) at -10, 0, +10, and +18dBu

EQ Bypass: 1 LED: red

Clip: 1 LED: red

Low Cut: 1 LED: red

+/-6dB: 1 LED: yellow

+/-15dB: 1 LED: red

**Power Supply**

Operating Voltage: 100VAC 50/60Hz, 120VAC 60Hz

Power Consumption: 1215 24W; 1231 24W

**Physical Dimensions**

1215: 3.5" H X 19" W X 7.9" D (8.9cm x 48.3cm x 20.1cm)

1231: 5.25" H X 19" W X 7.9" D (13.4cm x 48.3cm x 20.1cm)

**Weight**

1215: 5.8 lbs.

1231: 10.6 lbs.

**Shipping Weight**

1215: 9.5 lbs.

1231: 11.6 lbs.

Note: Specifications subject to change.

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