



dB10

PASSIVE DIRECT BOX



dB12

ACTIVE DIRECT BOX



Product Overview

At dbx, when we do something, we do it right. So when we decided to create our new direct injection boxes, we didn't settle for the same old tired approach to direct box design. With our dbx name on the line, how could we? One look at our new dB10 Passive and dB12 Active direct boxes will tell you that these are clearly different. With their bullet-proof construction, and extraordinary audio performance to rival their looks, finally there's a direct box worthy of the dbx name.

Utilizing custom dbx mu-metal-shielded audio transformers, high-quality Neutrik® connectors, and low-noise circuitry preserves the sonic integrity and true characteristics of the signal source. Both boxes include a pad switch that accommodates instrument, line and even speaker level signals. Take even more control of your sound by utilizing the polarity invert switch to set the phase relationship between the direct and mic'd sound.

As a professional, you don't have time for interference, so we've included a ground lift switch to solve potential hum and buzz problems due to ground loops. And between the combined shielding of the cast metal chassis and the custom-wound transformer, you can be doubly assured of a clean signal free from interference. All of this sits atop a solid, stable footprint, that will keep the box from being dragged around the stage, and the unique contoured underside allows secure stacking of multiple units.

Direct Box Features

- ▶ Premium Performance
- ▶ Rugged Design
- ▶ Stackable Chassis with Durable Rubber Foot
- ▶ Gold-plated Neutrik® XLR Connector
- ▶ Premium Chrome Toggle Switches
- ▶ Hi-Z ¼" Input Jack
- ▶ Parallel ¼" Thru Jack
- ▶ Transformer Isolated
- ▶ Premium Shielded Custom dbx Transformer
- ▶ Balanced XLR Lo-Z Output
- ▶ 3-Way 0/20/40 dB Pad Switch
- ▶ Flat/High-Cut Filter Switch
- ▶ Output Polarity Invert Switch
- ▶ Ground Lift Switch

Additional dB12 Features

- ▶ Phantom Powered
- ▶ Green LED Phantom Power Indicator
- ▶ 20 to 48V Operation
- ▶ Low-Noise Active Circuitry

dbx Professional
Products

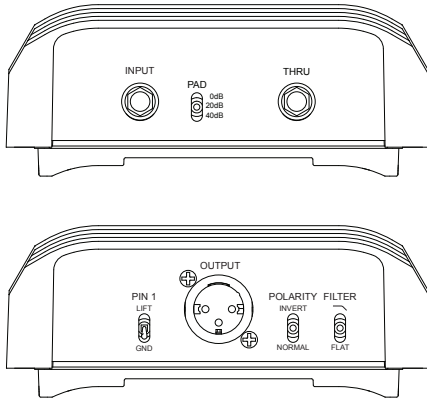
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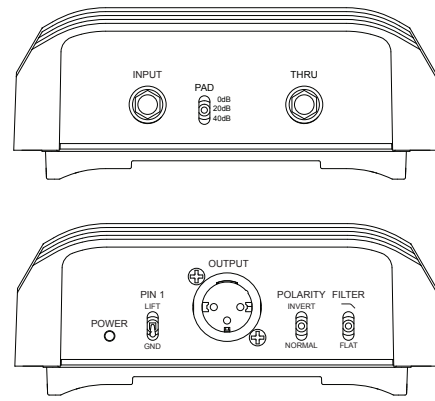
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dB10 Specifications

INPUT SECTION:

Input: 1 instrument/line/speaker level
 Connector: 1/4" jack
 Type: Unbalanced, RF filtered
 Impedance: 150k Ω typical
 Max Input Level: +20dBu (0dB pad)
 +40dBu (20dB pad)
 +60dBu (40dB pad)

OUTPUT SECTION:

Thru Output: 1 parallel connection from input jack
 Connector: 1/4" jack
 Type: Unbalanced, RF filtered
 Main Output: 1 line level
 Connector: XLR male jack
 Type: Balanced
 Impedance: 150 Ω typical
 Max Output Level: 0dBu

PERFORMANCE:

Transformer: Custom dbx mu-metal-shielded
 Frequency Response: 20Hz to 20kHz, +/-2.5dB
 Noise: <-105dBu unweighted, 22kHz BW
 THD: < 0.01%, 20Hz to 20kHz
 < 0.005%, 1kHz

GENERAL:

Dimensions: 5.82" L x 5.44" W x 2.20" H
 (148 x 138 x 56 mm)
 Weight: 1.4 lbs / 0.65 kg

dB12 Specifications

INPUT SECTION:

Input: 1 instrument/line/speaker level
 Connector: 1/4" jack
 Type: Unbalanced, RF filtered
 Impedance: 1M Ω (0dB pad)
 47k Ω (20dB pad)
 47k Ω (40dB pad)
 Max Input Level: +10dBu (0dB pad)
 +30dBu (20dB pad)
 +50dBu (40dB pad)

OUTPUT SECTION:

Thru Output: 1 parallel connection from input jack
 Connector: 1/4" jack
 Type: Unbalanced, RF filtered
 Main Output: 1 line level
 Connector: XLR male jack
 Type: Balanced
 Impedance: 150 Ω typical
 Max Output Level: +8dBu into 600 Ω

PERFORMANCE:

Transformer: Custom dbx mu-metal-shielded
 Frequency Response: 20Hz to 20kHz, +/-3dB
 30Hz to 20kHz, +0/-1dB
 Noise: <-105dB unweighted, 22kHz BW
 THD: < 0.01%, 20Hz to 20kHz
 < 0.005%, 1kHz, 0dBu output

GENERAL:

Current Drain Phantom: < 8mA
 Phantom Power Range: +20 to +48 volts DC
 Dimensions: 5.82" L x 5.44" W x 2.20" H
 (148 x 138 x 56 mm)
 Weight: 1.4 lbs / 0.65 kg