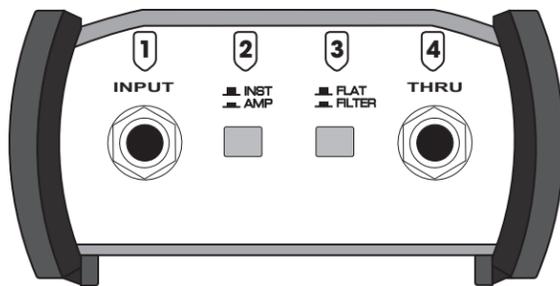
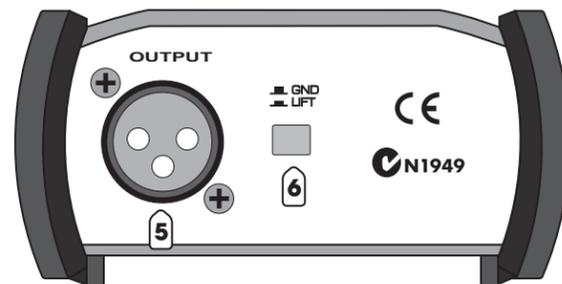


DB-1P



1. **INPUT** – Connect the signal source to this 1/4" unbalanced TS jack.
2. **INST/AMP** – Leave this switch out when connecting an instrument or line-level signal to the INPUT jack. Push this switch in when connecting a speaker-level signal (for example, from a guitar amplifier's speaker output).
3. **FLAT/FILTER** – Push this switch in to engage a high-cut filter to reduce hiss and noise when using the AMP input setting. The filter has no effect when the input is set to INST (2).
4. **THRU** – This 1/4" unbalanced TS jack is in parallel with the INPUT jack and provides a "Thru" connection of the input signal for sending to an amplifier onstage.

5. **OUTPUT** – This balanced XLR jack provides a low-impedance mic-level signal for connecting to a microphone input on a mixer.
Pin 1 = Ground
Pin 2 = Hot (+) and in-phase with the input signal
Pin 3 = Cold (-)
6. **GND/LIFT** – This switch makes or breaks the input ground to pin 1 of the XLR output jack. When the switch is in the OUT position, the ground is connected, and when the switch is pushed IN, the ground is disconnected (LIFTED).



SPECIFICATIONS

DB-1A

Frequency Response:

100 Hz - 20 kHz (+/- 0.05 dBm)
20 Hz - 20 kHz (+/- 0.80 dBm)

Maximum Input Level:

Pickup: +8 dBm
Line: +15 dBm
Speaker: +35 dBm

Input Impedance:

Pickup: 10M ohm
Line: 10M ohm
Speaker: 11k ohm

Gain:

Pickup: -8 dBm
Line: -28 dBm
Speaker: -48 dBm

Residual Noise:

Pickup: -106 dBm
Line: -109 dBm
Speaker: -109 dBm

Signal-to-Noise Ratio (with 15 dB headroom):

Pickup: -99 dB
Line: -109 dB
Speaker: -89 dB

Rise Time: 1 microsecond, no overshoot

THD + Noise: 0.01%

Output Impedance:

200 ohms

Power Requirements:

48 V phantom power or two 9 V batteries

Battery Life: 300 hours

Current Draw: < 7 mA DC

Dimensions:

Height: 2.0 in/51 mm
Width: 4.3 in/109 mm
Depth: 4.0 in/102 mm

Weight: 14 oz

DB-1P

Frequency Response:

100 Hz - 20 kHz (+/- 0.05 dBm)

Nominal Input Level:

Inst: 0 dBm
Amp: 0 dBm

Nominal Output Level:

Inst: -21 dBm
Amp: -52 dBm

Gain:

Inst: -21 dBm
Amp: -52 dBm

Residual Noise:

Inst: -135 dBm
Amp: -135 dBm
THD: 0.01%

Dimensions:

Height: 2.0 in/51 mm
Width: 4.3 in/109 mm
Depth: 4.0 in/102 mm

Weight: 12 oz

Disclaimer

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PRODUCT SERIAL #:

PURCHASED AT:

DATE OF PURCHASE:

Lonely? Looking for that special someone? Do you have a question about your TAPCO DI Box?

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