



PDI-200

ORDERCODE D1944



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SHOWELECTRONICS FOR PROFESSIONALS

PDI-200 Passive Direct Injection Box

The PDI-200 is a two-channel passive direct injection box. It converts your HI-Z signal into a LO-Z signal. You do not need a battery or phantom power for this direct box. It has very wide applications, great for keyboard signals, acoustic & electric guitar signals and any other instrument signals that need to be plugged into a snake on stage.

- Road proof housing with rubber feet
- Low distortion
- No power supply needed
- 0, 20 ,40 db attenuation settings



1. Input 1 attenuator

Allows you to attenuate input 1 with:
0 dB for guitar type pickups.
-20 dB for line level signals.
-40 dB for speaker feeds.

2. Input 1

Connect this input to the output of your source device.

3.Link output 1

The link output is wired in parallel with input 1 and be used for connecting a speaker if the PDI-200's input is connected to an amplifier output.

4. Link output 2

The link output is wired in parallel with input 2 and be used for connecting a speaker if the PDI-200's input is connected to an amplifier output.

5. Input 2

Connect this input to the output of your source device.

6. Input 2 attenuator

Allows you to attenuate input 2 with:

0 dB for guitar type pickups.

-20dB for line level signals.

-40 dB for speaker feeds.

7. Ground lift switch 1

Allows you to remove the internal connection to output 1 pin 1, isolating the PDI-200's grounding system from that of the rest of the system.

8. Balanced XLR output 1

Connect this output the input channel of your destination device.

9. Balanced XLR output 2

Connect this output the input channel of your destination device.

10. Ground lift switch 2

Allows you to remove the internal connection to output 2 pin 1, isolating the PDI-200's grounding system from that of the rest of the system.

Applications

1. Guitar pick-up feed

The low level, high impedance signal of the guitar pickup is transformed by the PDI-200 into a high level, low impedance balanced signal required by the front of house mixer.

Suggested attenuator setting: 0 dB

2. Keyboards line level feed

The unbalanced line level output of a keyboard can be balanced and matched by the PDI-200.

In multiple keyboard setups where a mixer/ amp is used for monitoring, the PDI-200 can be used to save on separate direct boxes for each keyboard. In this case, either a line output or a speaker output can be used to feed the direct box, depending on the mixer/amp.

Suggested attenuator setting: : 0 dB (line level) or -20dB (amp level).

3. DJ-console feed

Interfacing additional equipment such as DJ mixers with the house console and PA may cause level and connector difficulties. Connect the DJ mixer to the jack input of the PDI-200 and then the PDI-200's output XLR to the house console.

Suggested attenuator setting: 0 dB or -20dB.

4. Speaker feed

Taking a feed from the amplifier output allows the post amplifier signal to be fed to the mixer, meaning that a particular amp sound can be send to the mixer.

Suggested attenuator setting: -40 dB

Specifications

Input: 6,3mm Jack

Link: 6,3mm Jack

Output: XLR Male

Input Impedance: 50,000 Ohms

Output Impedance: 500 Ohms

Frequency Response: 30 – 50,000 Hz (1 dB)

THD at 400 Hz: 0.003%

Fixed Natural Attenuation: 20 dB

Attenuation Settings: 0, 20, 40 dB

Crosstalk at 1 kHz at 0 dBu: -96 dBu

Dimensions: 140 x 110 x 55 mm

Weight: 1.1 kg



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