

chord DI-A1 Active Direct Injection Box



chord DI-A1 Active Direct Injection Box User Guide

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chord DI-A1 Active Direct Injection Box



Product Information

Specifications

- Power supply: 9V battery (PP3 not supplied), 12Vdc (optional) or 9-52V phantom power
- Input: 6.3mm jack (unbalanced)
- Outputs: XLRM (balanced), 6.3mm jack through (unbalanced)
- Input impedance: >100k Ohms
- Output impedance: 600 Ohms
- Controls: 0/-20/-40dBu pad & Ground-Float-Lift switch
- Dimensions: 103 x 70 x 45mm
- Weight: 243g

Introduction

Thank you for choosing the Chord DI-A1 active D.I. box as part of your audio signal chain. The DI-A1 converts high impedance audio from instruments or line outputs to a low impedance balanced output to be fed directly into a mixing console or amplifier input. This is an active D.I. box, which uses an inbuilt buffer amplifier to boost the signal for long cable runs without signal degradation.

Input Panel

- INPUT: 6.3mm Hi-Z input
- PAD: Attenuation switch
- THRU: 6.3mm Hi-Z out
- GND: GND-FLOAT-LIFT switch

Output Panel

- LOW BATT: Low battery indicator
- 12Vdc INPUT: Input for optional 12Vdc adaptor
- LOW-Z OUT 600: Balanced XLR output
- 9V BATT: PP3 battery compartment

Operation

1. To power the DI-A1, switch on phantom power to the XLR input on the mixing console or insert a 9V PP3 battery into the battery compartment. Alternatively, connect a 12Vdc (200mA min.) power supply to the 12Vdc INPUT jack.
2. Connect the instrument (or other high impedance audio source) to the DI-A1 via the 6.3mm INPUT jack.
3. To feed to a backline amplifier or further high impedance input, use the adjacent 6.3mm THRU jack.
4. Connect the LOW-Z OUT connection directly to the mixing console or amplifier input using balanced XLR leads.
5. High-level input signals can be attenuated so as not to overdrive the mixer or amp inputs by using the PAD switch. The 0dB setting leaves the input unaffected, whereas -20dB and -40dB settings reduce the signal level progressively.

Disposal

The Crossed Wheelie Bin symbol on the product means that the product is classed as Electrical or Electronic

equipment and should not be disposed of with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

FAQ

Q: Can I use a different brand's power supply with the DI-A1?

A: Yes, as long as the power supply meets the minimum requirements of 12Vdc and 200mA.

Q: Can I use the DI-A1 with instruments other than guitars?

A: Yes, the DI-A1 can be used with any high impedance audio source, such as keyboards or bass guitars.

Q: What is the purpose of the GND-FLOAT-LIFT switch?

A: The GND-FLOAT-LIFT switch allows you to select the grounding option that works best for your setup. "GND" connects the ground, "FLOAT" isolates the ground, and "LIFT" disconnects the ground.

DI-A1

Active Direct Injection Box

Item ref: 173.293UK

User Manual

Introduction

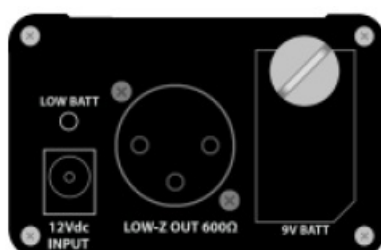
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- PAD: Attenuation switch
- THRU: 6.3mm Hi-Z out
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Output pane



6.3mm Hi-Z input

- LOW BATT: Low battery indicator
- 12Vdc INPUT: Input for optional 12Vdc adaptor
- LOW-Z OUT 600 S: Balanced XLR output
- 9V BATT: PP3 battery compartment

Operation

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- High level input signals can be attenuated so as not to overdrive the mixer or amp inputs by using the PAD switch.

0dB setting leaves the input unaffected, whereas -20dB and -40dB settings reduce the signal level progressively.

- The DI-A1 has an inbuilt noise filter to help eliminate RF and mains hum. In some cases, it is necessary to isolate the signal ground to help reduce such noise and the GND switch has 3 options to help with this. GND setting is fully grounded, FLOAT setting isolates the signal ground from the case but retains the noise filter and LIFT setting isolates the signal ground altogether without the filter.

In the event of noise appearing in the signal chain, try these settings to see if FLOAT or LIFT can improve the signal quality.


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Documents / Resources

	<p>chord DI-A1 Active Direct Injection Box [pdf] User Guide</p> <p>DI-A1 Active Direct Injection Box, DI-A1, Active Direct Injection Box, Direct Injection Box, Injecti on Box</p>
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References

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