




Millenium DI-33 Active DI Box User Manual

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Introduction

Using a DI box eliminates the need for miking of the backline speakers, providing a clean feed to both console and amplification. The D1-33 has a parallel feed from the input connector so that the instrument may be simultaneously connected to the D1-33 and the amplifier. This means that no special splitter cables are needed.

The striking visual design of the D1-33 also has functional qualities. For example, cables can be run underneath to keep cable runs neat on stage, and all from one end of the unit. The molded sides make stacking of multiple units easier, and help isolate the case of the D1-33 from the stage both electrically and mechanically.

Technical Specifications

Model: DI-33

Frequency Response: 1 OHz-40KHz

Noise Level : 105d B

THD+N@1 KHz/OdB: <0.005%

Inputs: XLR & 1/4" Jack unbalanced

Link out :XLR balanced

Output: XLR balanced

Maximum Input Level: 0/+20/+40dB

Power supply: 1 BV DC TO 48V DC

Battery: 9V Battery

Input Impedance:;, 47k0

Load Impedance: >600 Q

Input Connectors and switches

Input 1/4" Jack:

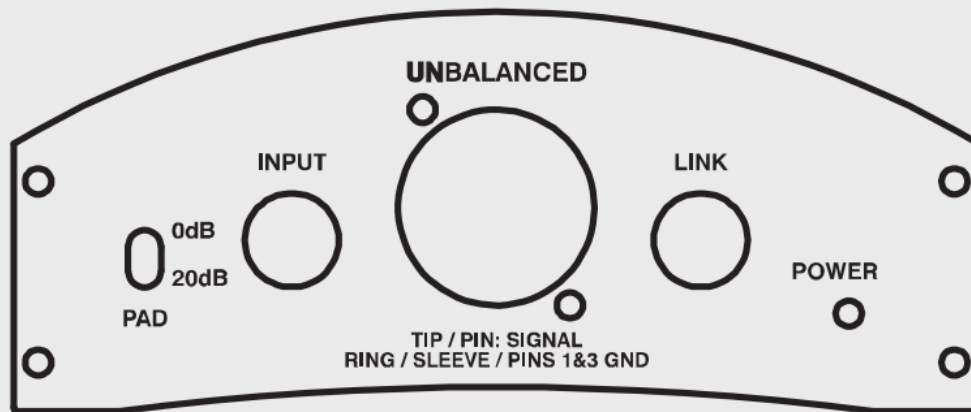
Unbalanced, Tip hot (+Signal), sleeve ground; Main input for instruments Impedance (Pad setting)

1M0hm {OdB)

47k0hm (20dB)

3 – pin XLR Socket:

Unbalanced, parallel link with main 1/4" jack socket. Pin 2 hot, Pins 1 and 3 ground. Link 1/4" Jack: Output, parallel wired with main 1/4" input, or fed via a buffer amplifier from main input. Tip hot, Sleeve ground



Output Connector and switches

3-pin XLR Output:

Balanced (via transformer)

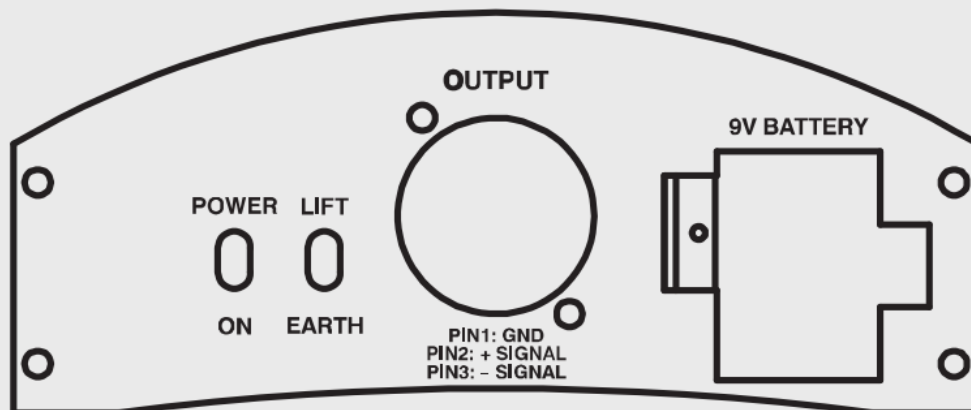
Pin 2 Hot (+Signal)

Pin 3 Cold (-Signal)

Pin 1 Ground

Ground Lift Switch:

By switching to the LIFT position, the internal connection to the output pin 1 is removed, isolating the D1-33's grounding system from that of the rest of the system.



Functions and Facilities

The Link Connector

The 1/4" LINK socket carries a parallelwired direct feed from the input.

The On/Off Switch

The On/Off switch is used for both phantom power and battery. To avoid battery drain when the unit is not in use, ensure that this switch is set to the upper OFF position when storing or packing the D1-33.

Phantom Power

The DI-33 can work reliably on a wide range of phantom power voltages, although of course the typical supply provided by modern consoles is +48 volts. The DI-33 accepts supply voltages of +48 volts down to +20 volts without loss in performance.

While the DI-33 is receiving good phantom power, the power LED is lit continuously. Should the supply fail for any reason, the DI-33 will switch over automatically to run from the internal battery (as long as one is fitted!). Under these conditions, the power LED flashes approximately every 2 seconds. Installing a battery To install or replace the internal battery, first undo the knurled screw on the battery compartment – DO NOT undo the flush panel screws. The battery cover should now fold back towards the edge of the unit, revealing the compartment. Attach the flying lead battery terminals to your battery, and slide the battery into the compartment, with the connector towards the outside of the DI-33. For best reliability and long life, we recommend you use only high quality alkaline batteries in your DI-33.

Cable Management

To keep cables tidy on stage and in the studio, both input and output cables can be arranged to run in the same direction by bringing one cable back under the DI-33 .

Environmental Protection




For the transport and protective packaging, environmentally DC friendly materials have been chosen that can be supplied to normal '1:J recycling. Ensure that plastic bags, packaging, etc. are properly disposed of. Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.



■ This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose of your old device with your normal household waste. – Dispose of this product through an approved waste disposal firm or through your local waste facility. Comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.

Documents / Resources

	Millenium DI-33 Active DI Box [pdf] User Manual DI-33, Active DI Box, DI-33 Active DI Box, DI Box, Box
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References

- [t Welcome – Thomann United States](#)