

PULSE

Active DI Box

Model: DI-50



www.pulse-audio.co.uk

Safety Information



The lightning bolt within a triangle is intended to alert the user to the presence of dangerous voltage levels within the product's enclosure.

This voltage may be of sufficient magnitude to constitute an electric shock risk.

To reduce the risk of electric shock, do not remove cover of this device. There are no user serviceable parts inside. Refer servicing only to qualified service personnel.

The exclamation point within a triangle is intended to alert the user to important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Safety Precautions

- Read and retain these instructions
- Follow all instructions and heed warnings
- Do not use this device near water
- If the surface becomes dirty, clean only with dry cloth, do not use solvents or thinners
- Install in accordance with the manufacturer's instructions
- Do not install near heat sources such as radiators, heat registers, stoves, or other devices that produce heat
- Only use accessories specified by the manufacturer
- Refer all servicing to qualified personnel
- This device must not be exposed to water in any way. No object filled with liquids should be placed on apparatus

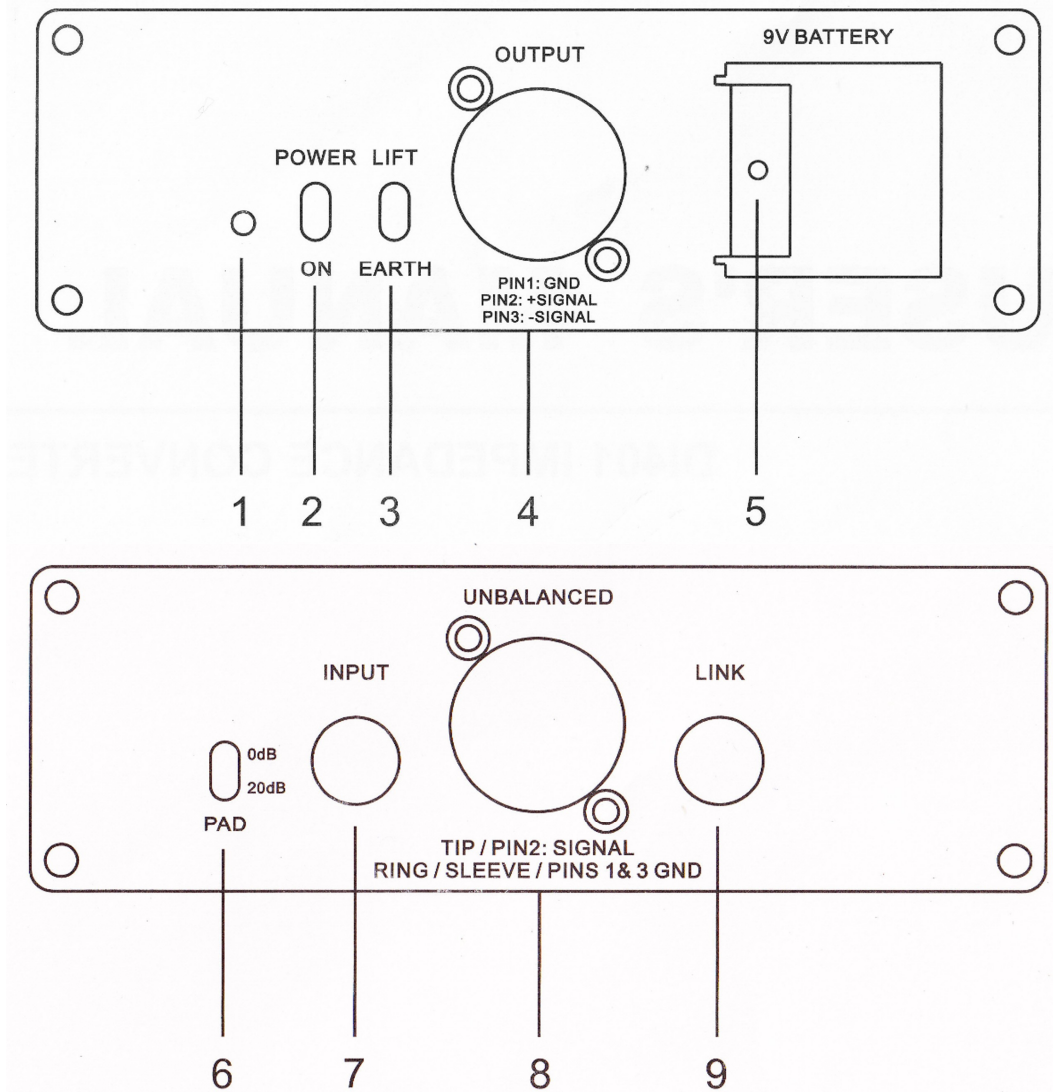
Pulse Active DI Box

Designed for use on stage or in the studio the Pulse DI-50 has been designed for low noise signal conversion.

Features

- 9V Battery or 18-48V phantom power operation
- On/Off switch
- -20dB pad for signal attenuation
- 6.35mm (1/4") & unbalanced XLR input's with parallel 6.35mm (1/4") output unbalanced output
- Balanced XLR output
- Rugged metal chassis complete with rubber corners

Operation:



1) Power Indicator

The power indicator will illuminate when the DI box is switched on and operational from a 18-48V phantom power source. When used with a 9V PP3 battery the power indicator will flash.

2) Power Switch

On/Off control. Move the switch do the ON position to switch on the unit. Switch off after use to preserve battery life.

3) Ground Lift

The ground lift switch can be used to prevent earth loops within the system. Hums caused by ground loops often occur around 50Hz. Move the switch to the UP (LIFT) position.

4) Balanced XLR Output

Standard 3-pin XLR balanced output. Pin 1 GND, pin 2 +ve signal (Hot), pin 3 -ve signal (Cold). Connect the output of the DI box to your mixing console's balanced XLR mic input taking care to use good quality 2-core screened cable with all pins wired. To prevent any noise, clicks or pops the mixing console's input channel should be muted before the connection is made.

5) 9V Battery Cover

Unscrew the thumbscrew in an anti-clockwise direction. Use good quality Alkaline 9V PP3 cell batteries for long operational life. If using the DI box with phantom power the battery circuit will automatically switch off.

6) PAD (Attenuation)

When using the DI box with line level sources it may often be necessary to reduce the input gain – the switchable PAD provides 20dB of attenuation. Move the switch to the down position to activate the PAD. The PAD should only be used when the DI-50 distorts internally, if the distortion is generated within the mixing console the input gain on the console should be adjusted.

7) Signal Input

Unbalanced 6.35mm (1/4") mono jack socket suitable for use with instruments, keyboards or line level sources. Connections should be wired TIP = Positive and RING = NEGATIVE

8) Signal Input

Unbalanced XLR socket suitable for use with instruments, keyboards or line level sources. This input is wired in parallel with the 6.35mm (1/4").

9) Link Output

Unbalanced 6.35mm (1/4") mono jack socket for link output to a guitar amplifier etc. This input is wired in parallel with the 6.35mm (1/4").

Technical Specification

- Frequency Response: 10Hz – 40kHz
- Noise: 105dB
- THD+N@1kHz: <0.005%
- Input Impedance: >250kΩ
- Load Impedance: >600Ω
- Battery Type: 9V PP3 (6L91)
- Dimensions: 150x55x115mm
- Weight: 600g

Compliance

When this product reaches the end of its life, do not dispose with household waste. See www.recycle-more.co.uk for details of how to dispose of PULSE products in an environmentally sound fashion, or contact PULSE directly via www.pulse-audio.co.uk



Warranty

Pulse products are warranted, by Pulse, against manufacturer defects for a period of one year from the original date of purchase. This warranty is limited to manufacturer defects, in either materials or workmanship. PULSE, or any other worldwide divisions of Premier Farnell PLC, is not responsible for any consequential or inconsequential damage to any other component, structure or the cost of installation or removal of said items. Defective items should be returned to the retailer from whom they were originally purchased.

This warranty will not cover damage due to improper use such as (and not limited to) damaged cones, mounting frames, voice coils or items damaged by weather including exposure to moisture.

For questions or specific information regarding warranty replacement or repair, contact:

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