

# The DHA DI-EQ-Boost "Custom Shop"

Thank you for purchasing the DHA DI-EQ-Boost, we are sure you will be very happy with it.

The DHA DI-EQ-Boost is a fully balanced XLR DI with a 3 band plus Q sweep EQ and clean boost with by-pass footswitch designed to interface between an instrument or effect at line level to a power amp, PC soundcard or mixer. The DHA DI-EQ-Boost is totally hand build using a high quality PCB and point to point methods, it is built to last.



The DHA DI-EQ-Boost is fitted with a PP3 9v battery but also has a 2.1mm external PSU adaptor for use with a 9-12VDC @ 50mA external supply. Important -the external supply must be negative centre, which means positive outer. The external PSU and the battery both have reverse polarity protection so no harm will be done if you get it wrong. The supply is connected automatically to the circuit when you plug into the input jack, so don't forget to unplug in when not in use or an external power supply is connected or the battery will go flat! The led indicates when the effect is on and not in by-pass.

The footswitch will by-pass the EQ and Boost, the DI remains on but at the by-pass level with no EQ.

Level sets the output level of the Line out, this provides a wide range of clean boost which can be used to overdrive amplifiers. The 3 position ground lift switch affects Pin 1 of the XLR connector and is there to fix any possible earth loop issues. GND connects Pin 1 to ground, Float disconnects Pin 1 from ground and Ploat connects Pin 1 to ground via a 10R resistor.

There is a DI level pot on the back of the box.

The input and output jacks on the side of the pedal are connected together so that an unaffected signal can be sent to an amp, other pedals, etc.

The 3 band EQ is active and provides a cut and boost of 15dB in each band. The Q sweep adjusts the centre frequency of the Mid band and is used to find the "sweet spot".

Your pedal is covered for any parts and labour required to repair it should it go wrong within 12mths of purchase. This does not cover misuse of the product but we will be happy to repair this at cost as we will for any units which fail outside of the 12mths. The owner of a faulty pedal will pay all the postage costs.

Here at DHA we take a great pride in all our effects and amplifiers and we welcome comments from our customers at [davehallamps@aol.com](mailto:davehallamps@aol.com)

Once again we thank you for your purchase and we wish you luck and lots of fun with your music.

Best regards

Dave Hall Amps  
Buckland Lodge  
Brook Road  
Dolton  
Winkleigh  
Devon  
EX19 8RE  
UK