

The DHA DHA-Twin-DI-EQ "Custom Shop"

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

The DHA-Twin-DI-EQ has 2 fully balanced XLR DIs (one pre and one post EQ), a 3 band plus Q sweep EQ, Line in, headphone amp and tuner mute with footswitch designed to interface between an instrument, Mic or effect at line level to a power amp, PC soundcard or mixer. The DHA-Twin-DI-EQ is totally hand build using a high quality PCB and point to point methods, it is built to last.



The DHA-Twin-DI-EQ 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 positive centre, which means negative 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 tuner mute mode.

The controls are Level, i/p Level, Boost, Level, Q, Headphone level, Pre-EQ-DI Level, Post-EQ-DI Level, Treble, Mid, Bass, Bright switch, Boost switch, Tuner mute footswitch and 2 DI Gnd Lift switches.

Level sets the output level of the effect to your amplifier via the Line out jack, there is a fair amount of clean gain generated if required and this will overdrive the input of your amplifier if you want to.

I/P Level sets the input level into the effect. This is useful when using high gain or active pickups or with use with line level effects.

The bright switch increases the treble response without loss of the mids and lows. The boost switch switches in a clean op-amp boost and the level of the boost is controlled with the Boost pot.

Treble, Mid and Bass are active tone controls and provide a +/- 15dB cut or boost at each frequency, so the centre position is flat. The Q control sets the centre frequency of the Mid pot so you can find the sweet spot.

The Pre and Post DI post set the Pre and Post DI output levels via the 2 XLR balanced load low noise DI outputs. The ground lift switches are there to remove ground loop hums if one occurs.

The Headphone pot sets the level of the stereo headphone 3.5mm jack. The 3.5mm line in jack allows you to play along to MP3, iPod, CDs, etc via the headphones.

When selected the Tuner mute footswitch sends the input signal to the Tuner jack and mutes the line out and DI outputs. The LED will go off when the Tuner mute is selected.

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

So, just plug your instrument into the jack with the guitar drawing and your amplifier into the jack with the amp drawing and you are off and running!

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 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 - www.davehallamps.co.uk