

The DHA VT1-EQ-Acoustic

Thank you for purchasing the DHA VT1-EQ-Acoustic effects pedal, we are sure you will be very happy with it. The VT1-EQ-Acoustic uses a single 12AX7 (ECC83) valve to generate classic pure valve tones. The VT1-EQ-Acoustic is intended to be used in front of an acoustic guitar amplifier and will also work well with direct recording into soundcards and mixing desks. The foot switch provides a true by-pass of the valve drive and EQ part of the circuit and the Blue LED indicates if the effect is on or off. There is a cool blue backlight visible via the valve vents.

The VT1-EQ-Acoustic is fitted with 2.1mm external PSU adaptor for use with a 9-12v @ 600mA external supply. The user should use a well regulated external supply as the better the regulation then the less the hum when at higher gain levels. The inner of the connector is the positive, there is reverse polarity protection so no harm will be done if you get it wrong. There is an internal switch mode power supply which doubles the 12V to 24V for the valve anodes or 'plates'. The pedal will work at any voltage between 9V to 12V but there is some loss in output level when using a voltage below 12V. Please note that there will be a drop in output level if used at 9v so 12v is recommended.

The controls are Level, i/p Level, Gain, Bright switch, Boost switch, Boost Level, DI Level, headphone level, Colour switch, Treble, Mid, Bass, Q and Gnd Lift.

Level sets the output level of the effect to your amplifier.

I/P Level sets the input level into the effect. This is useful when using high gain or active pickups. Gain sets the level into the second stage of the valve and hence the level of gain.

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 DI pot sets the DI output level. The DI circuit is on all the time there is power to the pedal even when the by-pass is selected. There is an XLR balanced load low noise DI output which is in parallel with the $\frac{1}{4}$ " jack output. The ground lift switch is there to remove ground loop hums if one occurs.

The headphone level pot controls the volume of headphones. The stereo line in is connected to the headphones so you can play along to backing tracks from ipods, MP3, etc.

The colour switch adds compression and distortions.

The By-pass footswitch provides true by-pass of the effect. So, just plug your guitar into the jack with the acoustic 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