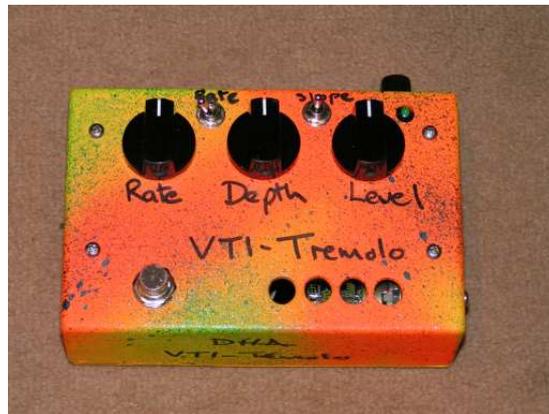


The DHA VT1-Tremolo

Thank you for purchasing the DHA VT1-Tremolo effects pedal, we are sure you will be very happy with it. The VT1-Tremolo uses a single 12AX7 (ECC83) valve and a light dependant resistor (LDR) opto-coupled to a low frequency oscillator (LFO) to generate classic valve tremolo effects with a pure valve signal path. The foot switch provides a true by-pass and the LED indicates if the effect is on or off as well the rate of the tremolo effect. The blue backlight LED also doubles up as a power on indicator.



The VT1-Tremolo 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. 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 very simple, Level, Rate, Depth, i/p level, rate switch and slope switch.

Level sets the output level of the effect to your amplifier or next effect, in order to keep the noise level down it is suggested that the effect is set up to provide unity gain, i.e. same level between effect on and by-pass.

The Rate switch and Rate control sets the speed of Tremolo.

The Slope switch has 3 positions and adjusts the LFO's slope so adjusting the smoothness of the tremolo effect.

Depth adjusts the amount of tremolo effect on the signal path.

I/P Pad adjusts the input level into the effect. This is useful to stop overloading when using other line level effects and active pickups.

The By-pass footswitch provides true by-pass of the effect.

So, just plug your guitar 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
Buckland Lodge
Brook Road
Dolton,
Winkleigh
Devon,
EX19 8RE,
UK