

# The DHA VT1 "Bob the Blender"

Thank you for purchasing the DHA VT1 "Bob the Blender" pedal, we are sure you will be very happy with it. The VT1 "BtB" uses a 12AX7 (ECC83) valve to generate classic pure valve tones as well as provide a valve driven effects loop with a wet and dry blend control. There is a selectable op-amp Boost to provide extra overdrive output level still with the Valve tone.



The VT1 "BtB" has a built-in voltage doubler circuit; this generates 24V from the existing 12V power supply. The 24V is used to supply the anodes or plates of the valve.

The VT1 "BtB" is fitted with 2.1mm external PSU adaptor for use with a 9-12v @ 600mA external supply but a supply of 1.2A or greater is recommended. The user should use a well regulated external supply as the better the regulation then the less the hum when at higher gain levels. If you find there is a lot of hum at high gains then the problem will be the supply is not well regulated. I have found that Switchmode supplies work well and these are standard for higher current types, so it is likely that any 12V supply over 1.25A will be a switchmode. The inner of the connector is the positive, there is reverse polarity protection so no harm will be done if you get it wrong.

The controls are By-pass footswitch, Level, Blend, Gain and a Boost select switch.

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

Gain sets the signal level into the effect, this is useful when working at line-levels or with high output instruments such as an active bass.

Blend sets the wet and dry mix between the instrument and the effects.

The Boost switch selects a clean op-amp boost which is useful when working at lower gain settings.

So, just plug your guitar into the jack with the guitar drawing and your amplifier into the jack with the amp drawing, the effects in to the Fx send and effects out to the Fx return 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](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

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