

tubedrive pedal

First of all, thank you for purchasing this pedal.
The tubedrive pedal is a high voltage tube distortion pedal.

Some safety warnings first:

Vacuum tubes require lethal voltages (+240VDC) to work. Capacitors can hold this charge even after the pedal is disconnected from power. The pedal will discharge itself in a few minutes when disconnected from power. However, still exercise caution.

Singular Audio is not responsible for any injuries or bodily harm. Please, if you are not 100% sure about what you're doing, leave it to a professional.

A simplified overview of how the pedal works is located at the bottom of this page.

Some things to take note of when using the tubedrive pedal:

- Power requirement is a standard 9vdc adapter, center negative. Do not use adapters that output a higher voltage! The pedal will break, and you will be sad.
- The pedal consumes a little under 300mA of current. Choose an adapter that can provide at least this amount of current.
- TS (unbalanced) 1/4" jack connections are used for audio in- and output. TRS (balanced) connections are accepted but offer no advantage over unbalanced connections.
- The input control controls how much signal is going to the tube and therefore the amount of overdrive.
- The 'boost' switch provides a large amount of extra gain (20dB), beware. With the boost off the pedal is set up for line level sources (keys, synths, interface), with the boost on the pedal is better suited to guitar level.
- The bias control sets the operating point of the tube. To the left introduces asymmetrical clipping (top part of the waveform clips more than the bottom part), to the right is more symmetrical (top and bottom clipping equally). Basically, to the right is a smoother overdrive and to the left is more 'fuzzy' and 'choked off'. This effect is very source dependent, so try it out for a bit.
- The tube can be configured as a triode or pentode tube with a switch. Triode is smoother and pentode provides more crunch and compression. A pop is heard when switching with the pedal engaged, this is normal behaviour.
- The tube can be replaced with any 6AS6 or it's Soviet equivalent, the 6J2P. If you ever need to replace the foot switch, it is a momentary SPST with a JST XH connector.

I hope you make some great music with the tubedrive pedal.

Please keep an eye on www.singularaudio.nl for new products, and follow @singularaudio on Instagram for everything I'm working on.

