

Welcome to the MASHED VOLTAIRE, a modern take on a classic four-transistor distortion-sustainer device. Designed to provide a range of archetypal high gain fuzz tones with a familiar set of controls, we have taken the range of options further to allow instant access to a greatly expanded sonic palette. Firstly, a footswitchable starve mode with variable voltage control presents many new possibilities. Secondly, an adjustable Saturation control allows precise tuning of the fuzz character in ways not normally possible with this type of effect.

(1) - Effect Output:
Connect to your amp,
or input of another
effect pedal.

(2) - DC In jack:
Connect your 9v DC*
power supply here.

(3) - Effect Input:
Connect your guitar
here, or output of a
previous effect pedal.

(4) - Volume control:
Adjusts the overall
output of the pedal.
Note - can be VERY
loud; adjust before
turning your amp on.

(5) - Saturation control:
Determines the overall
amount of "hair" on the
fuzz; turn up for more
perceived fullness.
Works by adjusting Q2
emitter resistance.



(6) - Fuzz control:
Adjusts the total
amount of distortion
and sustain available.

(7) - Tone control:
Wide range bass (CCW)
and treble (CW) tilt
control.

(8) - Volts control:
Limits the voltage going
into the clipping
amplifier stage. Higher
settings result in
reduced sustain and
increased texture.

(9) - Starve switch:
Turns on the Volts
control, illuminates the
left hand LED.

(10) - Bypass switch:
Turns the effect of and
off, indicated by the
right hand LED. True
bypass (no buffer).

USAGE NOTES:

The VOLTS control produces a wide range of effects such as gated, velcro, 8-bit, broken speaker etc - experimentation is key! This control is interactive with the FUZZ and SAT controls. VOLTS is only active when selected by the left STARVE footswitch. Higher VOLTS settings increase the amount of starvation occurring, and will reduce distortion and sustain. Interesting artefacts such as upper-octave overtones are also produced (try using your neck pickup above the 12th fret).

TECHNICAL SPECIFICATION:

*9v DC Tip Negative 2.1mm Barrel "Boss" type supply (min 100mA output).
Current Draw 14mA. No internal battery - Use transformer isolated power only.
Input/Output Impedance 117k/25k Ohm.