

### **CONNECT:**

Stay up to date with us and show us your gear! We don't want to line the pockets of the corporate fat cats, so we don't run any ads. We rely heavily on people like you to help us get the word out. Throw us a like, a follow, or even a post if you really like us.

Instagram: @blackmasselectronics

Twitter: @blackmassfx

#blackmasselectronics

# Black Mass

SALEM, MA. 01970

[www.blackmasselectronics.com](http://www.blackmasselectronics.com)

## **BLACK LIVES MATTER. TRANS LIVES MATTER.**

The 1312 Distortion is based on everyone's favorite rodent-themed distortion pedal. The real star of this pedal is the Clip control. With the eight-way rotary diode clipping switch, it's like having eight different distortion pedals at the turn of a knob. This pedal features true bypass switching and is happy anywhere in your pedal chain. All Black Mass pedals are built in Salem, Massachusetts with a little bit of magic and a whole lot of love.

More important than anything I can say about this pedal, is the fact that 50% of the profits have been donated to **No More Dysphoria, Transgender Emergency Fund, & Shapeshifters Union**. Every run of 1312's benefits organizations working to dismantle oppression in all its forms.

### **POWER:**

- Standard 2.1mm center negative power only.
- 9-18v DC only.
- Do not run at higher voltages.
- Current Draw: <100mA.
- Use an isolated power supply. Daisy chains will often work fine but can introduce unwanted noise.

### **CONTROLS:**

Level: Controls overall output level

Filter: Turn clockwise for more treble

Gain: Controls the amount of drive/distortion

Clip: 8 Way rotary switch for selecting clipping diodes. Rotating clockwise, starting at "noon," clipping options include:





































- SILICON - Familiar, compressed clipping
- RED LEDS - Louder, more aggressive sounding
- VINTAGE GERMANIUM - Thick, amp-like
- QUAD SILICON - Loudest, most transparent
- ASYMMETRICAL SILICON - Less fizzy than silicon, more organic
- MOSFET - Saturated and modern sounding
- GERMANIUM/SILICON - Unique, looser sounding
- ASYMMETRICAL MOSFET\* - Modern sounding,

lower gain (\*you may need to turn counter clockwise from 12 o'clock to 11 o'clock to access depending on your version)

### **NOTES:**

- Try running at 18V for increased clarity, definition, and grind. Trust me, it's worth it.
- The Op-Amp is socketed on the circuit board. The 1312 comes with an OP07 chip preinstalled but a number of single op-amp chips will work such as TL071, LM308, LM741 etc. Feel free to experiment, always check the datasheet of your opamp.

# SUGGESTED SETTINGS

<p>18V</p>  <p>LEVEL</p>  <p>FILTER</p>  <p>GAIN</p>  <p>CLIP</p>	<p>9V</p>  <p>LEVEL</p>  <p>FILTER</p>  <p>GAIN</p>  <p>CLIP</p>	<p>18V</p>  <p>LEVEL</p>  <p>FILTER</p>  <p>GAIN</p>  <p>CLIP</p>
<p>9V</p>  <p>LEVEL</p>  <p>FILTER</p>  <p>GAIN</p>  <p>CLIP</p>	<p>18V</p>  <p>LEVEL</p>  <p>FILTER</p>  <p>GAIN</p>  <p>CLIP</p>	<p>9V</p>  <p>LEVEL</p>  <p>FILTER</p>  <p>GAIN</p>  <p>CLIP</p>
<p>--V</p>  <p>LEVEL</p>  <p>FILTER</p>  <p>GAIN</p>  <p>CLIP</p>	<p>--V</p>  <p>LEVEL</p>  <p>FILTER</p>  <p>GAIN</p>  <p>CLIP</p>	<p>--V</p>  <p>LEVEL</p>  <p>FILTER</p>  <p>GAIN</p>  <p>CLIP</p>