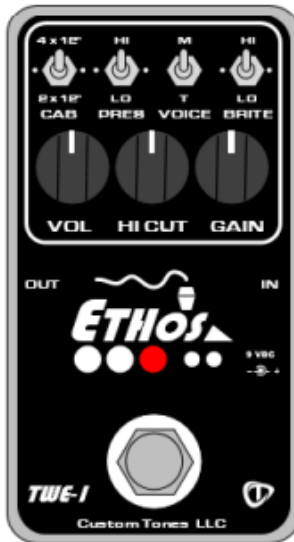

ETHOS TWE-1 Specification Sheet (Rev A)



OVERVIEW

Custom Tones is very excited to introduce the Ethos TWE-1 overdrive pedal-preamp. The Ethos TWE-1 is a compact, solid state analog design that offers touch sensitivity that can go from *Clean-to-Scream* with just the turn of your guitar's volume control. The TWE-1's core design emulates the sound of a valve power amp being pushed to its limits, where it breathes and reacts to your playing. The TWE-1 also offers powerful tone sculpting controls that allow you to tune the TWE-1 to your amp to get optimal tone.

- INPUT IMPEDANCE: 1Meg ohm
- OUTPUT IMPEDANCE: 1kohm
- SIZE: 4.4" x 2.4" x 1.75" L x W x H
- POWER: Externally powered only 9VDC @ 25mA,
- POWER JACK: 5.5 mm x 2.1mm, center conductor negative (-)

CONTROLS

- **GAIN:** Controls the overall input gain of unit
- **HI-CUT:** Provides a post OD high frequency cut ideal for amp tuning
- **VOLUME:** Controls the overall volume of the unit

CONTOURING CIRCUITS

- **BRITE:** This circuit provides two levels of pre OD high frequency boost and an off setting. The degree of boost decreases as the GAIN control is increased.
 - o UP: maximum boost. Adds extreme top end clarity and should be set to get best clean-up performance when using humbucker pickups.
 - o MIDDLE: OFF, Flat Band Response
 - o DOWN: Moderate boost ideal for adding sparkle to your tone.
 - **VOICE:** Provides two distinct voices for the pedal post OD.
 - o T Position: Traditional Voice
 - o M Position: Modern British Voice
 - **PRESENCE:** Provides three levels of post OD high frequency response. Ideal for matching the unit to your amp's top end response.
 - o UP: maximum boost. Adds top end bite. Best used with dark amps or when going into a flat band power amp
 - o MIDDLE: Flat frequency response
 - o DOWN: Darkest setting used best with a bright amp
 - **CAB:** Provides three modes ideal for matching the unit to your amp's low end response.
 - o UP: 4x12" Adds extended low end boost
 - o MIDDLE: OFF, Flat Band Response
 - o DOWN: 2x12" Adds moderate low end boost
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TWE-1 SAG CONTROL MOD:

The picture below depicts the SAG control. When the control is set CCW, it provides the greatest SAG response (similar to a Tube Rectifier), whereas when the control is set fully CW, it stiffens up the response (similar to Solid State Rectifier) .

