J. Everman Custom Analog Effects
Presents

OCTAVE - X

An eXperiment in tone…

MODEL OCT - X

OWNERS MANUAL

Congratulations, you are now the owner of one of the most distinct octave pedals ever built. By combining ring modulation, octave shifting, a custom Fuzz Drive G2 circuit and an internal 18VDC power supply; we've created something unique. The pedal's name alone (OCTAVE – X) was chosen for its new eXperimental tone. The OCT-X is not modeled after any classic design, it's unique and so are the tones it produces.

What will I find inside the Octave-X?

Inside this unit, you will find our Custom Fuzz Drive G2 circuit pushing a dual transformer Germanium ring modulator matrix. The Fuzz Drive G2 circuit has been tuned and configured to specially drive this modulator circuit. This circuit uses NOS (new old stock) Germanium diodes for a smooth organic octave tone and breakup. The entire unit is powered from either a 9VDC adapter or 9V battery which feeds an internal 18VDC CPC (Charge Pump Converter) which in turn drives the octave circuit. The extra voltage adds to the units power, depth of tone, and headroom, creating a truly one of a kind opportunity for eXperimentation.

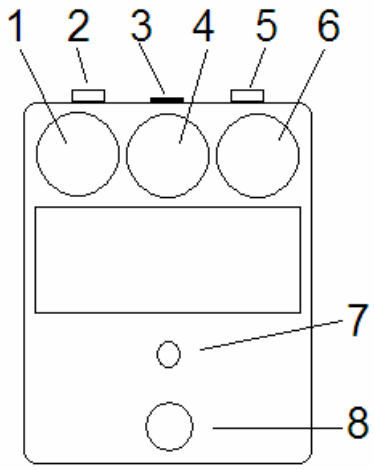
Copyright 2004, J. Everman Custom Analog Effects

Internal Adjustment

We use the internal BIAS and DRIVE control to tune the circuit at the factory, so they will not need user adjustment. Typically they are set to 95-100% to compensate for variations in component tolerances. No damage will be caused by user adjustment, but the dials are already at their optimal settings.

- **Filter** - This trimmer pot acts as a low pass filter and serves to attenuate the high frequencies produced by the circuit. Adjusting this internal pot will soften the sound, should your amp have an overly bright tone.

External Adjustments & Inputs



1) Bias - Adjusts interaction between pickups and the pedal
2) Output - Output jack to amp
3) Power Jack - 9VDC power jack, center negative design
4) Drive - Adjusts between harsh and soft fuzz roll off
5) Input - Guitar input jack
6) Gain - Adjusts the output volume
7) Drive - LED indicator
8) Stomp Switch - True bypass stomp switch

Suggested Settings

(Numbers represent percentage of full rotation)

Parameter	BIAS	DRIVE	GAIN
Use for lead	95%	95%	100%
Less octave	100%	75%	80%
More octave	20%	90%	90%

Additional Information

NOTE: Use only 9VDC adapter or 9V battery to power this unit. Exceeding this voltage level will cause harm and premature failure of the circuit.

Remove the guitar cable from input jack when not in use to preserve battery life. If you choose to use a 9V battery, simply unscrew the four screws on the bottom of the pedal to access the battery compartment.

Pedals need maintenance too; keep the bottom on the pedal so dust and liquids cannot short out any contacts. Should repair of the unit be necessary please contact us regarding any issues: sales@jeverman.com

Copyright 2004, J. Everman Custom Analog Effects