

SUBDECAY

GAIN THEORY

MODERN OVERDRIVE



USER GUIDE

VERSION 1.00A

Warranty: Subdecay Studios offers a 3 year limited warranty from the purchase date to the original purchaser. This warranty does not cover polar bear attacks, willful destruction, using your pedal as a hammer, or the neglect of the user. It does not cover the finish, paint or any external superficial damage. Any unauthorized repairs or modifications voids the warranty.

This document was believed to be accurate at the time it was created. Specifications are subject to change without notice.

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The Gain Theory – Drive clarity without sacrificing the low end. A multi stage overdrive with carefully calibrated frequency response throughout and control over the sonic territory that matters. The Resonance and Presence controls were inspired and adapted from tube amp design popularized in the 1990s.

CONTROLS:

Gain:

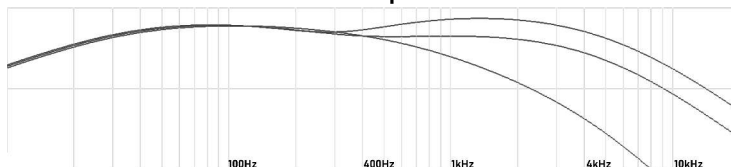
Turn it up for more drive. As you pass the half way point it focuses gain more into the mid and upper mid range. This makes it easy to get open string harmonics or artificial harmonics, especially when using the bridge pickup on your guitar.

Volume:

Makes it louder. Or quieter if you are into that sort of thing.

Treble:

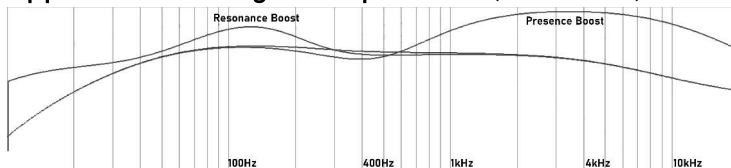
Control the high end. The is tuned similarly to the treble control in a tube amp's tone stack.



TREBLE CONTROL GRAPH

Resonance and Presence:

Unlike typical tone controls these are not passive which only cut. Instead these boost a tight band of low end frequencies (Resonance) and boost the upper end of the guitar spectrum (Presence)



PRESENCE/RESONANCE CONTROL GRAPH

Power:

Use a Center negative 2.1mm 9 to 18 volt DC power supply.

Power Draw is less than 20mA at 9VDC.

The Gain Theory can not be powered by battery.