

THE GOLDILOCKS PLANET

Not too hot, not too cold, just right.



USER MANUAL

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WMD

A long time ago, in the early days of the solid-state op amp, hard clipping was invented. Instead of providing the smooth, compressed saturation of tube circuits, op amp distortions delivered a new tone: a crisp and aggressive clipping that is still dynamic and true to your guitar's tone.

We decided to go back to the fundamentals of op amp overdrive topology while adding features that the golden oldies never had. Allow us to introduce the fruit of our labors: The Goldilocks Planet.

As in most overdrives, The Goldilocks Planet features Gain and Volume controls, for adding grit and attenuating amplitude respectively. But that's where the similarity to other drives end. The Goldilocks Planet uses a specially voiced tone stack that allows you to roll off high or low frequencies. The tone circuit also has a Presence control that attenuates mid frequencies, which is able to create anything from scooped contours or mid-heavy raunch. The Tone and Presence controls are highly interdependent, allowing for varied, complex, and subtle tone shaping.

In addition to the tone stack's post-gain shaping, The Goldilocks Planet also contains a pre-gain high-pass filter: the Density control. This controls the amount of low frequencies to be overdriven. Full counterclockwise will produce classic hard-clipping tones, with tight lows and zippy highs. Push Density all the way clockwise and you'll get a deep and blooming saturation that sounds great on bass.

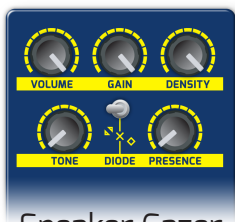
Finally, we designed The Goldilocks Planet with three distinct clipping modes, selectable by the middle switch. In the first mode, your signal is given a slightly compressed feel by using asymmetrical silicon diodes. The second mode removes clipping diodes from the signal path, boosting your signal while giving you a overloaded console tone. In the final mode, the clipping diodes are aligned symmetrically, supplying a smooth but harmonically rich drive that loves leads and palm-muting.

Get ready for another world of drive.

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GOLDBLOCKS PLANET

Reccomended Presets



Sneaker Gazer



Money for nothin'



Hot Fuzz

Specifications:

Current draw: 10mA

Input impedance: 100K

Output impedance: Variable

Power: 9V DC, center negative

Dimensions: 4.625" x 2.5" x 2.25" with knobs (LxWxH)

Overview of Controls

Volume: Adjusts the overall volume of the overdrive effect.

Gain: Increases overdrive from clean-ish boost to full-on distortion.

Density: Controls a high-pass filter that is positioned before the distortion stage. To the left, it will reduce lows and add clarity; to the right, it will introduce heavy low end and make the gain sound more fuzz-like.

It's like a bass-mod in a knob!

Tone: Attenuates the frequency content of the overdriven signal. It is very interactive with the Presence control.

Presence: Allows you to control how focused or mid-heavy your tone is. Depending on your tone setting, the presence control can go from screaming warmth to a fuzzy scoop.

Diode switch: To the left, this switch will give you compressed and smooth asymmetrical clipping; in the middle, all diodes are lifted from the circuit, increasing overall volume and providing a gritty straight-in-to-the-console tone; on the right, the signal is given more string attack and crunch using symmetrically clipped diodes.