



PARTICLE BEAM



NATURAL BASS OVERDRIVE (v2)



Versatile Frequency Selective Overdrive Control

Designed from the ground up for bass guitar. Now, for the first time achieve fine grained control over overdrive and harmonic distortion. It's voiced for active and passive basses and all music styles. Blend the amount of clean signal with the amount and shape of the overdrive you want. This pedal has a super wide dynamic range and high headroom that won't clip transients common in extreme bass playing including: snapping, slapping and popping.

Natural and Organic Bass Overdrive

Now, with overdrive, you can actually hear your bass chords clearly, you can define the amount of edge, grit, dirt, growl crunch and even gravel. Go from clean boost to medium overdrive using the drive control. Shape the overdrive harmonics from full spectrum to focused narrow ranges of bandwidth using the Beam control. Blend control allows strong clear low frequency clarity and responsiveness with various degrees of overdrive. Features a Pad switch with LED for active/passive bass input gain level change.

Controls

- PAD** 9 db cut to reduce input sensitivity for active basses or boosted signals. Also use it to alternate between two distinct levels of overdrive. The LED yellow on indicates that the 9 db cut is in effect. When the LED glows red, it means that battery is low and should be changed.
- DRIVE** Amount of gain from clean to allowing a gradual change in clipping like tube overdrive.
- RANGE** Low pass filter that allows only certain frequencies to be sent to the distortion circuit. Counter clockwise (far left) gives maximum distortion or overdrive frequency range. This is separate from the amount of distortion set by the DRIVE control. Full clockwise (far right, 5 o'clock) gives minimum range which distorts only high frequencies. Note: Maximum range still allows clean bass using the BLEND control. This filter happens before the distortion circuit.
- CUT** High frequency roll off that keeps the vital midrange intact (high pass filter). This acts like a tone control. Far right, (5 o'clock) gives all the highs even above 20K Hz. All the way to the left, (counter clockwise) gives smooth sound with frequencies above 7K hz rolled off. This filter happens after the distortion circuit.

BLEND The mixture of clean “dry” signal with overdrive signal. Knob pointer positioned straight up provides a 50% mix of clean and overdrive. All the way to the left is 100 percent clean (use with output to provide clean boost), all the way to the right is 100 percent overdrive.

VOL The output level. Start with it all the way to left and increase it gradually.

SYM Symmetric vs. asymmetric clipping. Green LED on indicates that symmetric clipping is being used, red LED on indicated asymmetric clipping. Asymmetric clipping will be more full or complex sounding, having added even-order harmonics.

Specifications

Input Impedance: >1M ohms – Pad off (0dB)
>500k ohms – Pad on (-9dB)

Output Impedance: 1K ohms

Size: 4 5/8” x 3 5/8” x 1 3/8”

True Bypass Switching

9 db Pad switch for Active basses or alternative mild overdrive setting

Dual Color on/off and Low Battery indicator LED

Dual Color distortion type indicator for symmetric or asymmetric clipping 18 Volt Circuit from a Single 9v Battery

9v DC Adaptor (standard center negative)

Die cast aluminum box, rubber texture professional knobs, powder coated texture and laser etched logos and labels

All specifications subject to change without notice



Warning – Please read the following:
Important Safety Instructions



1. Do not use this apparatus near water and do not submerge
2. Clean only with dry cloth.
3. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
4. Disconnect input jack to conserve battery life

Daring Audio the Company

Daring Audio Dares to be the most innovative product design company for music professionals and educated minds. We combine product innovation, the latest components, circuit design leadership, high aesthetic design, extreme usability and fast, intuitive, flexible controls to avoid wasting time tweaking when you are ready for stage action ... use immediately and use often. It's built to last forever so start now. Other products include: Laser Cannon, Phat Beam and the Edge Activator. If you have a great idea for the next innovative bass pedal design...we would like to hear it; chances are it's in the works now. www.DaringAudio.com/Contact

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