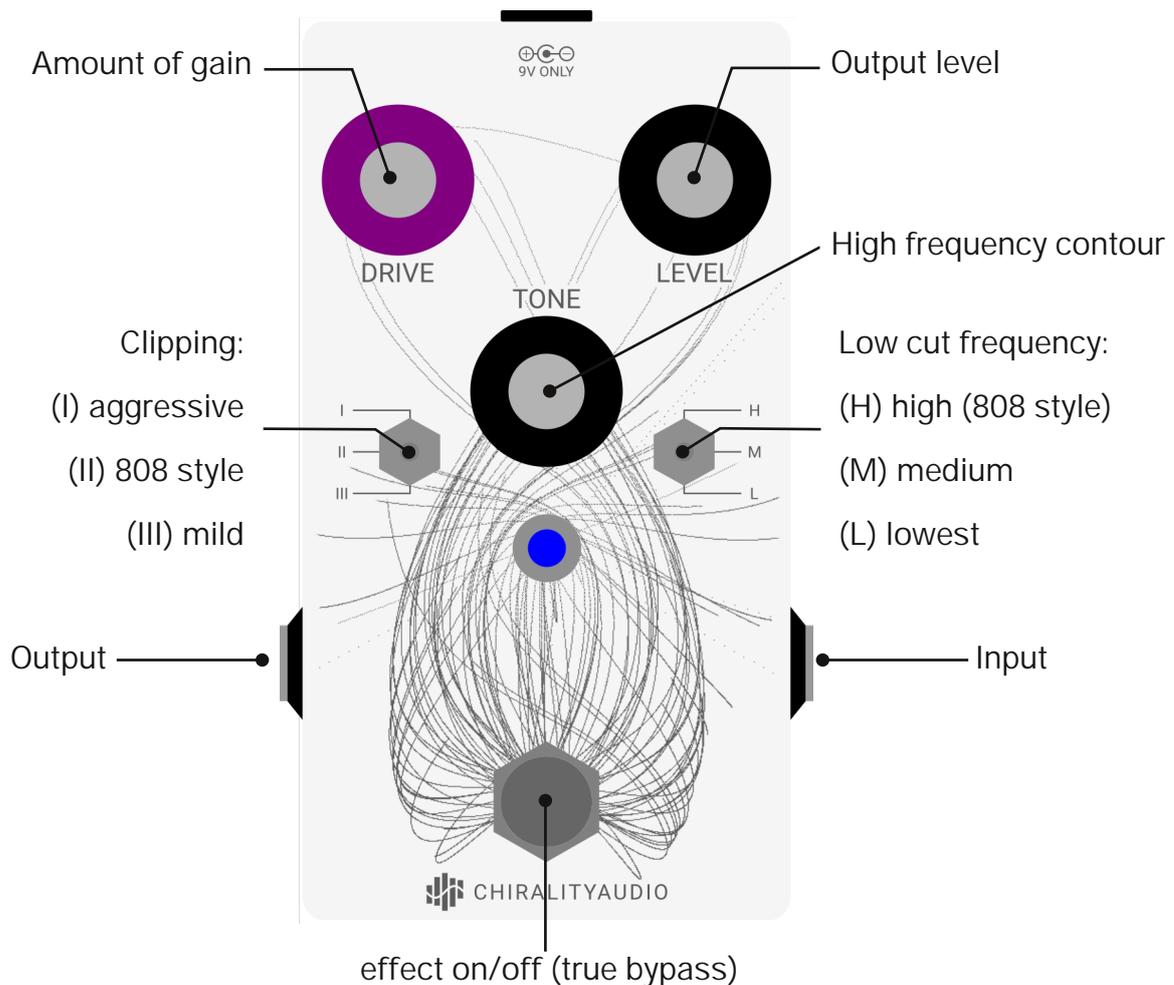


splinter overdrive

⚠ 9V DC center-negative (Boss style).
DO NOT connect higher values!



Thank you so much for buying a ChiralityAudio Splinter Overdrive. Inspired by the legendary TS-808, the Splinter Overdrive offers a more versatile and modern sound that works great on guitars, bass guitars, and synths alike.

The Splinter needs an external 9V power supply to operate. Battery operation is not supported. Do not connect higher voltage values as they will have no impact on the sound, but will damage the internal circuits.

Plug your instrument or output of another effect unit in the input jack. Connect the output jack to your amplifier, or next in line effect, synth, DI box, etc. The Splinter can handle line level inputs (+4dBu), however you must use an attenuator when dealing with higher levels (e.g. modular synth or studio inserts).

The effect is turned on and off using the footswitch. The LED indicator will turn on when the effect unit is engaged. The switch is true bypass, meaning that your sound will not be altered in any way by the Splinter when the unit is off.

DRIVE works in combination with the CLIPPING selector to yield different overdrive textures ranging from subtle harmonic enhancement to rich overdriven sound. Use (I) gritty clipping for a more aggressive sound (II) 808 style clipping to dial the traditional 808 silicon diode sound and (III) mild clipping, for a more transparent drive even at high gains. Setting (II) produces interesting sounds when going into another overdrive, distortion unit, or an overdriven amplifier. Note that switching to more aggressive clipping will result in a drop of the output level. This is normal, simply use the LEVEL knob to compensate for the drop.

The LOW CUT frequency selector adjusts the overall bandwidth of the effect. With the toggle in the (H) position you get the 808 style low cut. Because a good chunk of low frequencies is removed, you get a psychoacoustic effect known as 'treble boost', which is ideal for leads. You might prefer a (M) medium or the (L) lowest low frequency cut if you want to give more breadth to lower frequencies, particularly on instruments that extend on the deeper end of the spectrum, like detuned and bass guitars.

The TONE knob is a high frequency contour. Turn counterclockwise for a darker sound, and clockwise for a brighter and more present sound. LEVEL controls the master volume of the effect.

As it is usually the case with effect units, these are just recommendations to get a feeling of how the unit behaves. You are encouraged to try different settings and run as far away from these guidelines as you wish.

Technical Specifications:

Power supply: 9V center negative (Boss style). Higher levels will damage the unit.
Current draw: 25 mA
Input impedance: greater than 300 kOhm
Output impedance: less than 150 Ohm
Input level: accepts +4dBu line level. Higher levels will damage the unit.
Effect switching: true bypass.

Specifications subject to change without notice.
For additional information, warranty, and technical support visit our website: www.chiralityaudio.com