

RAILhead Effects

io Super Distortion Manual

The io Super Distortion has 3 controls: Volume, Tone, and Gain, labeled on the pedal as V, T, and G. The effect input is the jack on the same side as the power supply connection, and the effect output is on the opposite side of the pedal.

1. Volume adjusts the overall output level of the io.
2. Tone adjusts the amount of bass and treble in the signal as a rolloff. So, depending on your guitar, pickups, and amp, setting the Tone between 11 and 1 o'clock will give a neutral eq/tone. Turning the control clockwise will roll off bass frequencies, emphasizing the treble frequencies in the signal. Turning the control counter-clockwise will roll off treble frequencies, emphasizing the bass frequencies in the signal. This tone control helps preserve the original tonal quality of your signal without artificially adding bass or treble.
3. Gain controls the amount of distortion in the signal. 12 to 1 o'clock is a great starting point, providing plenty of heavy, Marshall-like crunch. Cranking the gain further will increase sensitivity, which is great for leads and/or extra long sustain. You can also turn down the gain to get a nice, mild, crunching overdrive.

If you get curious and open up the io, you'll notice the circuit contains a little trimpot. **DO NOT ADJUST THIS TRIMPOT.** Resist the urge! Changing it will ruin the sound of the io!

If you have an etched aluminum version, after a while, you may begin to notice your fingerprints on the enclosure. Simply get a BARELY moist paper towel (with maybe just a teeny bit of soap) and wipe them off. Good as new!

The io Super Distortion supports a standard "BOSS style" 9-volt center pin negative DC power supply (not included). It also has an internal battery clip for a 9-volt battery (included), accessible by removing the 4 screws on the bottom of the pedal.

Thanks for purchasing the RAILhead Effects io Super Distortion — I hope you enjoy using it as much I enjoyed building it for you! If you have any questions, comments, or need help, please don't hesitate to email me at: maury@railheadeffects.com.