

Congratulations on your purchase of the *Fulltone*[®]
PlimSoul[®]



For many years you've basically had only two choices for your Overdrive/Distortion pedals: You could get **Soft-Clipped** pedals like the Tube Screamer, Fulldrive2, OD-1, etc. which get their distortion via diodes placed in the feedback loop of an Opamp. This type of clipping is generally favored by the folks wanting a more clean, compressed, low-to-medium gained Overdrive sound. The other choice you've had is **Hard-Clipped** pedals like the RAT, Distortion+, Boss DS-1, etc. which create their clipping using diodes to ground...or unique to the Fulltone OCD, clipping that goes to the half-way point between 9volt and ground, a place called "Vref." These type of pedals are generally favored by Hard-Rockers for their tight, less compressed, heavily distorted tones.

Is there a pedal that offers both? There is now. I invented and Patented (Patent # 8471136) the PlimSoul's completely unique dual stage clipping circuit which very accurately replicates not only the sound, but the *feel* of a tube amp with all of its subtleties and complexities!

The PlimSoul has those Softer Bluesy, Compressed sounds, and even handles the more open-sounding slightly dirty Boost jobs as well. So don't assume it's just a wild, high-gain Monster, although you can turn up the "Sustain" knob and it gets very Hi-Gain...and then if you need *more* there's also has a second Clipping Stage that you can roll in with the turn of a little dial to add that firmer, crunchier, British output tube style Distortion! What's more is you not only hear and feel it...you can SEE the pedal reacting to your every mood via a fiery LED that glows brighter and dimmer depending on how distorted it is and how hard you're hitting it.

Touch sensitive? Doesn't get any better. Does it clean up when the guitar's volume knob is turned down? Yes, more than any other pedal I've tried. Is it friendly with Humbuckers as well as Single coils? Yep.

Does it play nice with other pedals? Yes, it has an Ideal 500K Input Impedance, ideal super low 10K Output Impedance.

How dirty does it get? Very dirty, the dirtiest pedal I make...but gets very clean as well.

Can I blend the 2 types of Distortion? Yes, that's the reason I believe this pedal is the most flexible and wide-ranging distortion ever built...the combinations are endless, allowing you to have only Soft clipped or only Hard Clipped, or both!

In a Nutshell the Fulltone PlimSoul has extremely good Sustain/Feedback qualities, just the right amount of Mids & Bottom, great touch sensitivity, dynamics, and all those in-between shades available when you know how to use your guitar's volume control. ...Play on!

Michael Fuller/President

PlimSoul®

Level: This knob controls the amount of signal (Volume) that exits the pedal. PlimSoul has about 30db of available gain, a lot more than most distortion or Overdrive pedals, so don't be surprised if you end up running the Volume control below 11 o'clock and you're still getting a lot of available Volume.

Sustain: This controls the amount of distortion for the first (Soft-Clipped) stage only. This stage consists of various types of diodes placed in the opamp loop to achieve a wildly asymmetrical waveform. Asymmetrical waveforms tend to be rich in even-order Harmonics...resulting in sweet overtones like you can get from an overdriven tube amplifier. The **Sustain** knob will get you way into Distortionland when it's set above 12 o'clock. You'll notice that it's a softer, more compressed distortion **when used by itself**, meaning when the **Stage 2** knob is turned OFF, which is achieved by turning **Stage 2** full Counter Clockwise. (CCW)

Hi-Cut: This tone knob affects only the high frequencies, you'll find 3 o'clock position and Clockwise (CW) to be pretty much neutral depending on **Sustain** and **Stage 2** settings. As you use higher gain setting, the lower the **Hi-Cut** neutral, turn it CCW (counter clockwise)

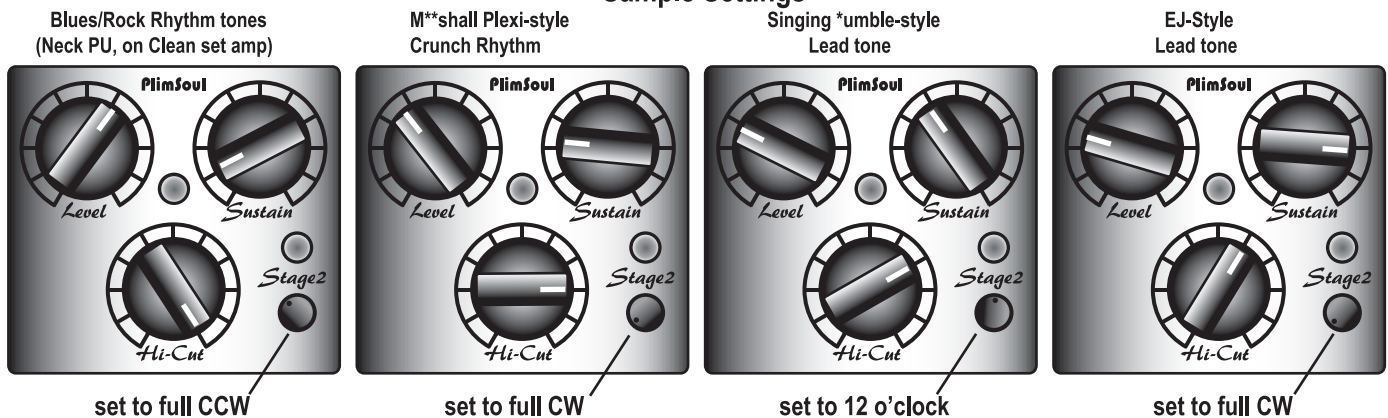
Stage 2: This little knob controls the Second Stage of Distortion, which is Hard-Clipped...symmetrically Clipped LED's to Vref, more accurately stated. Hard-Clipping tends to have a more percussive feel, with tighter low-end response, reminiscent of output tube distortion...similar to what you'd get by driving old Marshall Plexi Amps at high volume. You will notice that you may add **Stage 2** in conjunction with **Sustain** to craft the texture of Distortion desired...or you can turn down **Sustain** and use mainly the **Stage 2** distortion.

Stage 2 LED (located above the **Stage 2** knob) This LED shows how much of the **Stage 2** clipping is being engaged. The higher (CW) you set **Stage 2**, the brighter and longer this LED glows...conversely the lower you set **Stage 2**, the dimmer this LED glows, you will always see a tiny bit of glow on this LED while playing (when you're in a dark room) as it is very sensitive to voltage but, as stated previously, is not "in play" when **Stage 2** knob is full CCW.

Battery Hatch: No need to take this pedal apart to access the battery! simply remove the thumbscrew from the hatch, (located at the rear of the pedal below the **Level** & **Sustain** controls) swing open the hatch door, remove battery, replace battery, and close it back up.


True Bypass switching via the best switch in the world...the Fulltone-made 3PDT footswitch.

Sample Settings



Specifications

Input Impedance~500K~good and High, to match your Pickups.
Output Impedance~300 ohms~very low for driving long cables!
Current draw~12ma (milliamps)~battery should last months.
Maximum Voltage Gain~470

DC Power Options You may run this pedal on the 9 volt battery (included) or on any voltage between 9 and 18 Volts DC as long as the adapter is (standard) 2.1mm x 5.5mm barrel plug with "Negative to Center Pin" configuration, (as illustrated by the following diagram) . You should unplug guitar cable from INPUT when not in use to prolong battery life UNLESS you have an adapter plugged in to the DC outlet. If you do have an adapter plugged in (even if that adapter is off!) there is no need to unplug the guitar cable from the INPUT and your battery will not be drained. This is because our DC outlet is True-Bypass and disconnects the battery supply line, thus keeping the battery fresh.

Warranty Fulltone products carry a Limited 5 year Warranty to the original owner with proof of purchase that the product was bought from an Authorized Fulltone Dealer. There is no need to register your product, simply keep a copy of your original sales receipt. The Warranty covers failure due to manufacturing errors only and is void if any mod or repair is performed by anyone other than Fulltone AND/OR if we deem that any operator-caused abuse or damage has occurred, for example; the use of an incorrect power supply, a dropped pedal, water damage, etc. Batteries are not Warranty-covered and Customer is always responsible for all shipping costs both to and from Fulltone. Do not attempt to call Fulltone, instead, all Repair issues are handled by an email (Tech@fulltone.com) to troubleshoot the possible problem and (only after troubleshooting) for the scheduling of Warranty Repair. After we have deemed that a repair is necessary, we will email you an Acrobat PDF copy of our Return Authorization Form (RA Form) and you will print it out, fill out all information, and include it with the device you are sending. Fulltone Musical Products Inc. is not responsible for and injuries and/or damages related to the use of our products.

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