

Congratulations on your purchase of the *Fulltone*®

# FULL-DRIVE 2

## MOSFET

With extended Bottom-end response, the first channel is the Overdrive Mode capable of Clean Boost (Comp-Cut) or more distorted Overdrives. ("FM" and "Vintage" modes) The Tone control is a very effective circuit that can smooth out or enhance upper harmonics, with 12 O'clock being about neutral. There's also a foot-switchable second channel "Boost Mode" Distortion control capable of higher gains with more singing sustain! This pedal gets its natural sound through the use of Asymmetrical-Clipping. (Standard Mode only) has my proprietary "Flat Mids" circuit, (FM mode) and also a Symmetrically Clipped MOSFET mode (Metal Oxide Field Effect Transistor) that offers rougher, stinging Marshall/Ampeg/Fender-style distortions making this one of the most versatile OD/Distortions on the planet.

**In jack:** Plug cable coming from guitar into this jack....remember to unplug guitar cable when not using the pedal for longer battery-life.

**Out jack:** Plug a cord from this jack to other effects or to the amplifier.

**DC power jack:** This unit will work with most guitar effects 9 to 18 Volt DC adapters that offer the standard 2.1mm x 5.5mm Barrel jack...please note the adapter MUST HAVE the Negative (-) going to the Center pin to operate with this pedal! Most adapters are noisy and supply poor DC power so choose only a regulated one such as our Fulltone FPS-1. Cool feature! You can leave a battery hooked up inside your pedal without any draining of its power AS LONG AS you have an adapter plugged in to the DC power jack your battery won't die.

**Battery access:** To access the 9 volt battery simply loosen (by hand) and remove the 4 rubber feet/screw and pull the housing apart. There is no need to over-tighten the 4 screws, just re-install them hand-tight.

**ON/OFF switch:** This pedal has True-Bypass with LED indicators! when this pedal is Off, it's not loading down your signal like virtually every mass-produced pedal around! We make the Fulltone 3PDT switch nearly indestructible, with many proven years of service.

**Volume knob:** Raise or lower this to increase or decrease overall level of both channels.

**Tone knob:** This affects both channels. Since this pedal stays true to your original sound, I made this a Presence control for rolling-off or accentuating both the hi-end and the upper Harmonics. Turning this clockwise increases brightness. Turning counter-clockwise smoothes out sound without changing either the Midrange or the Bass content.

**Overdrive Mode:** This knob controls the distortion levels for the "Overdrive Mode only (note: the Left-side LED is lit by itself without the Right-side LED being on). Turning this CW will increase Overdrive and sustain. This channel is voiced for transparency for the purist who's happy with his/her /Amp tone and just wants to enhance the gain and sustain.

**Boost Mode:** Actuated by stepping on the "Boost" footswitch located at the lower right, (note: both Left-side and right-side LED's must be lit) this transforms the pedal into a medium to higher-Gained distortion with a nice midrange growl and lots of sustain. You can control the amount of distortion. (regardless of where OD knob is set!)

Note: Boost Mode will not operate unless the pedal is turned on with the Left LED lit and the Right LED lit as well

**Comp-Cut Mode:** this setting (on the mini-toggle switch) accesses the Clean boost mode for both channels! You can get serious clean volume increase and add slight distortion to this via the Overdrive and Boost knobs...CAUTION! this mode can give a huge gain increase at higher OD and Boost settings so back-off on the Volume level at first. When "Overdrive" and "Boost" levels are below 10 O'clock, this change is heard as a quicker and firmer attack with less softness. Because there is little compression at lower OD settings, you may have difficulty hearing the subtle difference when using Comp-Cut...listen for the attack and more immediate transients.

**FM Mode:**(on the mini toggle) makes the "Overdrive Mode" (channel A) very transparent, with less Mids than "Vintage Mode," and you'll notice that the FD2-Mos cleans up much better when your guitars' volume knob is turned down as well. When in "FM Mode," switching to the Boost channel (channel B) gets you more midrange and offers more Distortion with a bit more high-end (frequency @5Khz)

**Vintage Mode:** this setting (on the mini-toggle) takes the "Overdrive Channel (channel A) back to the Midrange heavy beast it was in the '90's....You'll hear more midrange. You may notice that the "Vintage Mode" Boost channel (channel B) has a little Less treble (more mids) than the "FM mode" Boost channel.

**MOSFET Mode:** this new Mode applies Mosfet Clipping, which has more bottom-end, more growl, and more aggressive attack & overtones. In Mosfet mode you utilize Comp-Cut, FM, and Vintage Modes as well.

# FULL-DRIVE 2<sup>®</sup>

## MOSFET

Suggested settings:

Page 2

### SRV style

Volume Knob= 1 O'clock  
Tone Knob= 3 O'clock  
Overdrive Knob= 3 O'clock  
Boost knob= 1 O'clock  
Vintage Mode on the left mini-toggle  
Standard Mode on the right mini-toggle

### Pristine Fat and Single note

Volume Knob= 10 O'clock  
Tone Knob= 2 O'clock  
Overdrive Knob= 1 O'clock  
Boost knob= 9 O'clock  
FM Mode on the left mini-toggle  
Mosfet Mode on the right mini-toggle

You get Sparkling tones in Overdrive Mode. (left LED only lit) and the ability to toggle between two Incredibly useful, yet vastly different sounds by kicking On and Off the Boost Mode via the right footswitch!

### Rock

Volume Knob= 11 O'clock  
Tone knob= 2 O'clock  
Overdrive knob= 9 O'clock  
Boost Knob= 5 O'clock  
Vintage Mode on left mini-toggle  
Mosfet Mode on right mini-toggle

### DC Power Options!

Your pedal ships with a 9 volt battery installed, use any available 9 volt except rechargeable types. Use a REGULATED 9-volt DC power Supply like the Fulltone FPS-1 or a professional quality multiple pedal power such as the Voodoo Labs Pedal power. You may run this pedal anywhere between 9 and 18 Volts DC as long as the center Pin is Negative...You'll be amazed at the sonic differences! But please make sure that you use a REGULATED quality power adapter...not a Radio Shack or similar .  
WARNING! Damage resulting from the use of ANY power supply other than Fulltone FPS-1 is not covered by warranty...period! We are seeing many pedals (not just Fulltones) burnt up by people using the wrong power supplies.....AC=Alternating Current, DC=Direct Current!...you CANNOT put AC (example:Line 6 type adapters!) into a pedal that requires 9-18volts DC like the FD2-Mos!

**To access 9 volt battery:** unscrew the four rubber feet and pull the housing apart. When reinstalling never over-tighten the rubber feet, only use your fingers to tighten and you won't even need a screwdriver.

**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

*Fulltone*<sup>®</sup>

Fulltone Musical Products Inc.

11018 Washington Blvd. Culver City, CA 90232

310-204-0155 fax 204-0156

<http://www.fulltone.com> email: [tech@fulltone.com](mailto:tech@fulltone.com)