

Congratulations on your purchase of the *Fulltone*®

SECRET FREQ.®



Without its “special feature” this pedal is quite simply a GREAT overdrive. Without this feature, you could easily make it your main overdrive! WITH its special feature, it is one of the most potent studio and live tools you could put your guitar through!

What’s this feature.....this **Freq.** knob?

Turn it Clockwise and a (Patent Applied For) circuit adds as much as 20db of active narrow band juicy MIDRANGE right where it does the most good, it’s like installing a wah-wah right where the distortion is being generated. But unlike turning on your wah-wah along with a distortion pedal, with the ‘Freq. the bass and treble frequencies don’t disappear...Very unique, and not to be confused with a simple active or passive midrange control tacked on to the end of the circuit, as is the case with all other pedals you’ve tried with a “Mid” control. Adding the ‘Freq’s midrange imparts WAY more sustain and lets you easily place the guitar in the mix where you want it, irrespective of volume.....soundman’s not going to bury you anymore. Easily get sounds ranging from Jimmy Page’s finest to Michael Schenker, all the way to Brian May. The secret Freq is allowing me to get an unbelievable range of sounds in my recording studio...let me know what it does for your sound.

sincerely,

Michael Fuller/President

Features

True Bypass On/Off switch (see #7) This is the best switch in the world...the Fulltone-made **3PDT** footswitch. The pedal is ON when the bright Red L.E.D. (see #10) is lit up...the pedal is bypassed when this light is OFF.

Distortion Knob: (see #2) Turn this Clockwise (CW) for more distortion, keep it below 10 o'clock for cleaner sounds and for overdriving your favorite amp. Clean-Boost sounds can be attained by lowering this knob almost full CCW, and turning up the "Volume" knob.

Volume Knob: (see #1) This knob controls the amount of signal that exits the pedal. The "Freq. has about 30db of available gain, more than most distortion or overdrive pedals offer, so don't be surprised if you end up running the Volume knob at only around 9 o'clock and are still getting a tremendous volume boost.

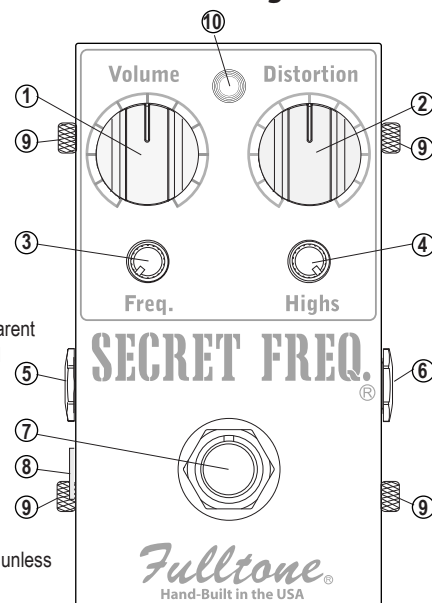
Freq knob: (see #3) This is the magic Midrange knob! Set Full counter-clockwise (CCW) for a pedal that has a transparent sound and not a lot of Midrange. Now turn up the Freq knob and on comes the wah-wah-like midrange, the volume will increase tremendously in the midrange frequencies only...very different from other pedal's midrange controls in that you can get infinite sustain with relatively low Distortion settings!

Highs Knob: (see #4) This is a "Hi-Cut" function only, meaning that this knob only affects upper Treble frequencies. You'll find that FULL CW position is very much neutral, depending on how much "Distortion" you are using. You should turn it CCW to around 10 o'clock for smoother high-gain lead sounds or turn it CW for more clarity.

Input jack: (see #6) Plug the cable that is connected to your guitar into this jack. Note that the pedal will not power-on unless you have a cable plugged in to this jack.

Output jack: (see #5) Plug the cable that goes to the amplifier into this jack.

Features Diagram



Sample Settings (with Amp set Clean)

SRV-ish Rhythm tones



Jimmy Page "Custard Pie"



Brian May "We will Rock You"



Specifications

Input Impedance= 680K (good and high, like your guitar pickups)

Output Impedance= as low as 10K (nice and low to so as not to load down your guitar cables or cause interference with other pedals.

Max Voltage Gain= 60-80dBV (depending on settings, including the Freq knob)

Current draw= 6 ma. (milliamps) which means a battery should last months, and 50ma, 100ma, 200ma, 500ma, adapters are fine.

DC Power Port: (see #8) 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) 

To access the battery remove all four Thumbscrews (see #9) from the sides of the pedal and pull the housing apart. Replace battery, put housing back together and re-tighten all four screws. Unplug guitar cable from INPUT when not in use to prolong battery life but if you have an adapter plugged in to the DC outlet there is no need to unplug the guitar cable from the INPUT because our DC outlet is True-Bypass and disconnects the battery supply line, thus keeping the battery fresh. The Fulltone FPS-1 is a great 9VDC regulated wall wart adapter. As far as pedalboard power supplies, we have always recommended ours and the Voodoo Lab products....nothing's changed, beware, there are some crappy power supplies being sold as "Pro product out there!

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 via email to troubleshoot the possible problem and (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 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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