

HTO - Hussey Tonal Overdrive



Congratulations on buying your *HTO*!

This overdrive has a great touch sensitive feel and will be extremely responsive to your string attack. Pick it softly and it will produce a nice warm tube like overdrive - dig that pick in and hear extremely complex harmonics. Sustain? You bet! - with great chime and tone to die for. In fact we think the warmth and tone is what will impress you the most about this effect. Unlike diode clipped pedals, the HTO uses a quad of JFET's to generate most of the harmonics and distortion, then follows that up with 3 more stages to add even more tone shaping and warmth.

It is also extremely interactive with your pickups and your guitar's volume knob - between your guitar's controls and the 4 knobs on the effect itself, you'll have access to an incredible range of tonal bliss from this one pedal - from a warm overdriven tone - to an aggressively distorted dived tube amp type of sound.

The great thing is, that the distortion is never grainy or raspy sounding, and it starts to happen at very low volumes, so you can choose to enjoy the harmonics and feedback of your guitar at volumes that will keep the peace with your neighbors. Or not ...

Got a solid state amp? Great! The HTO will warm it up so that it sounds much more like an overdriven tube amp. With headphones on and the drive up, it will still sound amazing and still feel very responsive - while your better half snoozes away!

Got a Tube amp? Now you're talking! There's even more harmonics and interaction with the guitar, and that incredible tone ...

Features

True Bypass switching:

The stomp switch on the HTO is a 3PDT true bypass so there is absolutely no coloration of your guitar's signal when the effect is bypassed.

Level Knob

This controls the amount of signal that gets output from the pedal. Clockwise to increase volume, counter clockwise to lower volume. With the knob turned all the way counter clockwise there is no signal output. With drive at 9 o'clock and level at 9 o'clock this is very close to the volume when the effect is bypassed.

Drive Knob

Clockwise to increase amount of drive and distortion desired. With the knob turned all the way counter clockwise you will get the lowest amount of drive, however even with the lowest setting there will still be some distortion – this is not intended to be used as a clean boost pedal.

Presence Knob

Turning this knob clockwise adds more top end and sparkle to the tone and increases the presence of the instrument. Between 1 o'clock and 5 o'clock you will really notice the instrument appear more prominent. 12 o'clock is fairly neutral, 9 – 11 o'clock emphasizes more low end.

Side Knob

The unmarked knob on the side of the pedal is a bass contour/cut that controls the overall voicing of the pedal, All the way counter clockwise produces the fullest bass possible, however for certain setups (especially with humbuckers and very bassy speakers) you may want to reduce the bass by turning this bass contour/cut **CLOCKWISE**.

This knob in conjunction with the presence knob and the tone knob on your guitar will give you a very wide range of tonal shaping.

Some Favorite Settings: (Numbers represent clock oriented settings – i.e. 9 = 9 o'clock)

Level=9 Presence=11 Drive=9 Bass contour/cut=Fully CCW


Level=11 Presence=1 Drive=2 Bass contour/cut=20% (9 o'clock if viewed from the side with pedal upright)

Level=8 Presence=11 Drive=Dimed Bass contour/cut = 90% i.e. almost fully clockwise (4 o'clock)

Battery: To replace the battery you'll need to remove all four Phillips head screws from the bottom of the pedal and remove the bottom cover. Alkaline batteries should power the pedal around 20 hours. Note that whenever a cable is plugged into the INPUT it is powered on, so always unplug guitar cable from INPUT when not in to prolong battery life. But if you have a DC adapter plugged into the DC input of the HTO the battery is automatically disengaged so you do not need to unplug anything if you have the pedal powered with a DC adapter.

Warranty: The HTO is covered by a 3 year parts and labor warranty to the original owner with proof of purchase as long as the product has not been abused, modified or tampered with in any way. Batteries are not covered by the Warranty and the customer is to pay shipping in advance for any warranty repair. Other damage not covered by the Warranty includes, but is not limited to: liquid damage, crushing, paint chipping, knob replacement, battery clip, stomp button replacement. All Warranty work is to be authorized in advance by HFX, and the Warranty Authorization Form (WAF) must be included in any shipments. To get warranty repairs send an email to support@hfxpedals.com with your name, serial number and details of the problem. We will respond to your email and make arrangements to either repair or replace (at our discretion) your HTO as quickly as we can. HFX is not responsible for injuries incurred while using our products nor any damage to other items related or non related to the use of our products.

DC Power Options: In addition to 9 volt batteries, you can use a DC adapter between 9 to 18 volts but it must be a standard 2.1mm size with the Center-Pin Negative. Warning: the Warranty is voided if any damage occurs due to use of anything but a 9 to 18 volt DC/Negative to Center Pin adapter.

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