



## **Overdrive Boost operating instructions.**

We hope you enjoy the the Overdrive Boost. Below is a rundown of the features that we feel make the Overdrive Boost one of the best overdrives available.

### Features and suggested settings:

#### Pre Gain Switch:

The pre gain is the lower left footswitch on the unit. When the pre gain light is off there is increased low note clarity. This is useful with higher gain settings and higher gain pickups like humbuckers. With the pre gain indicator light on gain is increased and low notes have a fatter tone. This setting is the original Overdriver circuit and may be preferred if you are using single coil pickups.

**No adjustment is usually necessary of the Pre Gain trim pots. Although it is somewhat guitar and amp dependent. Play with the pedal for several days before considering any trim pot adjustment.**

For user adjustment the pregain pot is called out in the PCB. This is pre set to work well as an overdrive when used with humbucking pickups as well as many single coils. Before making any adjustment make sure the pregain LED is off. Turn the Gain, Bass and treble all the way up and the master just high enough to hear what you are playing at bedroom levels. The Germanium switch can be in either the left or right position. With the back open, adjust the pregain trim. Rotate the pot while playing an open low E or A on the guitar. Turn the pot from left to right and notice the change it makes in the character of the played notes. Adjust until the desired note clarity is reached.

#### Master Volume:

Rotating the knob clockwise increases the master volume just as if it were in the top of the unit. The Overdrive Boost is capable of a substantial volume boost so PLEASE BECOME FAMILIAR WITH THE MASTER VOLUME TO AVOID A LOUD SURPRISE.

#### Gain:

The gain knob adds distortion and fuzz drive to the sound. With the knob all the way to the left you are getting only a clean boost in Silicon mode, in Germanium mode there will be some distortion. As you turn the gain knob clockwise distortion will slowly be added along with an increase in volume. Most of the distorted/fuzz tone comes in when the gain knob is at around 3 o'clock to full. This is normal. Carefully adjust within this sweet spot to get the desired tone.

#### Bass:

This is pretty self explanatory. My own personal preference is with the bass near full clockwise rotation. It is interactive with the treble adjustment.

#### Treble:

Also self explanatory.

#### Silicon/Germanium Switch:

This switch is located on top center of the Overdrive Boost. The original Overdriver circuit is with the switch in

the left position. This uses only the 3 silicon transistors of the original circuit. Use this left switch position for clean boost settings and other classic silicon distortion/fuzz settings. With the switch in the right position the germanium transistor/diode pair is added to the original circuit. THERE WILL BE A PERCEPTIBLE VOLUME DROP WITH THIS SETTING, THIS IS NORMAL. Simply adjust the master volume control to compensate for the volume drop. With this setting the distortion tones are more compressed and more pronounced. Use this setting for pseudo attenuator use, classic Germanium tones....

#### Suggested Settings:

For all of these settings adjust bass and treble to taste. I suggest beginning with bass and treble full or near full and backing off until you get the desired tone. Also start with master volume very low and increase to taste.

#### Clean Boost:

Pre Gain: Try both

Silicon/Germanium switch: left

Bass: 4 o'clock

Treble: 3 o'clock

Master: full

#### Classic Rock Overdrive/Distortion:

Gain: 3 o'clock

Silicon/Germanium switch: left (also try with Germanium switch right)

Pre Gain: LED off

Bass: 4 o'clock

Treble: 3 o'clock

Master: Low

#### 60's British Fuzz:

Gain: full right

Silicon/Germanium switch: right

Pre Gain: LED on

Bass: 12 o'clock

Treble: 3 o'clock

Master: low

#### 70's Beck:

Gain: 3 o'clock to full

Silicon/Germanium switch: left

Pre Gain: Try both

Bass: full

Treble: 4 o'clock

Master: low

#### Bedroom Level Playing with non master volume amp:

First set amp volume near 7 or 8. Make sure the Overdrive Boost master volume is down all the way.

With all of these settings experiment with both the Hi and Lo input on your amp. For the best result do not use in an effects loop.

#### Overdrive Boost settings:

Gain: 4 o'clock

Silicon/Germanium switch: right

Pre Gain: LED off

Bass: full

Treble: 4 o'clock

Master: Start with Master off then bring up volume to desired level. Adjust gain, treble and bass to taste.

About Batteries and power supplies:

WHEN THE BATTERY IS NOT IN USE WRAP A PIECE OF TAPE AROUND THE 9 VOLT BATTERY TERMINAL TO AVOID THE RARE POSSIBILITY OF A SHORT.

The best sound and lowest noise operation will come from cheap dollar store 9 volt non alkaline batteries like the one included with the pedal. The down side to these cheaper batteries is that they are more prone to leakage when they get old. So one must make sure that old batteries are removed. When using batteries be aware that plugging in the right 1/4" input jack powers up the pedal and begins to drain the battery whether or not the LED is on. So make sure the right input jack is disconnected when not in use to preserve battery life. If this is done you will get many hours of use out of a single battery.

Any standard 9 volt negative center pedal power supply will also work with this pedal. An external power supply may also make the pedal slightly noisier due to power supply noise.

5 year limited warranty terms:

Throbak Electronics will repair or replace any Stone Bender or Strange Master effect that fails to operate due to defect in manufacturing within 5 years of original purchase date. Damage due to battery leakage, neglect, abuse, normal wear or cosmetic damage is not covered under the terms of the warranty. User replacement internal components voids the warranty. Because of factors beyond Throbak Electronics control we cannot be responsible for any alleged or actual damage caused by Throbak Electronics products to buyers equipment.

Warranty applies only to products owned by the original purchaser.

Purchaser is responsible for paying shipping charges on warranty claims.

Thanks again and check out the full line of ThroBak effects and guitar pickups.

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