

Gain



Res
Peak

1

0

2



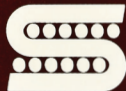
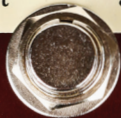
0dB

25dB



Hi-Def Boost

& Line Driver



Seymour Duncan

- PICKUP BOOSTER -
HIGH DEF BOOST
& LINE DRIVER
USER'S GUIDE

 **Seymour
Duncan®**



Congratulations, and thank you for your purchase of the Seymour Duncan Pickup Booster. This pedal is the only effects pedal designed specifically to work together with the pickups in your instrument to achieve optimum gain and resonance for all types of tone applications.

The new Seymour Duncan Pickup Booster is a re-issue of our original pedal, but with a few key upgrades. The pedal retains the all discrete, class A, low-noise circuit design but the Gain control now can be turned down to unity (0dB). Also, we added a discrete push-pull output stage that increases the drive capability. So even if you have the Gain knob down at 0dB, your signal chain will sound cleaner overall by compensating for the dulling tonal effect of long cable lengths. This low impedance output stage is capable of driving very long cable runs.

HOW IT WORKS

- 1 Gain** - This is the Pickup Booster's primary control. By rotating it fully counter-clockwise, the pedal acts as an ultra clean, transparent buffer at unity gain (0dB). Rotating the Gain knob fully clockwise provides 25dB of clean boost. This range of Gain control provides the flexibility to boost the signal in a long or "saggy" effects chain, drive long cable runs back to the amp, push the front-end of a tube amp a little harder for more saturation, instantly punch up the level for solos, or balance the output between guitars or even between different pickups on the same guitar!

HOW IT WORKS (cont.)

2 Resonance Switch - The Resonance Switch interacts directly with your pickups, so it is only active when connected directly to the guitar. The Resonance Switch was designed for electric guitarists who use single coil pickups of the type typically found on Strat® or Tele® guitars. By engaging the Resonance Switch, the resonant peak of a pickup can be lowered, making a single coil sound closer to a vintage humbucker or a high-output humbucker. There are three settings on this switch, marked "1", "0" and "2". The effect of these settings is as follows:

Setting 1 (up): A single coil pickup sounds like a vintage humbucker.

Setting 0 (middle): The tone of your pickup remains unaltered.

Setting 2 (down): A single coil pickup sounds like a high-output humbucker.

Note: The effect of this switch will not be as evident with humbuckers through high-gain amps as it will with single coil pickups through lower-gain amps. Also, the Resonance Switch interacts directly with your pickups and so this pedal must be the first device in your chain. If you have isolated the connection to your pickup by placing another pedal, tuner, on-board circuitry or wireless unit in between, this feature will not have any effect on your tone. The same holds true for active pickups, since the preamp isolates the coils from the pedal.



HOW IT WORKS (cont.)

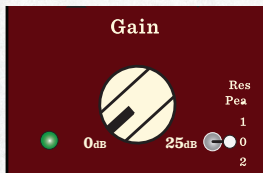
- 3 True Bypass footswitch** - Removes the circuit from your guitar's signal via a hardwired connection from the input jack to the output jack.
- 4 Input Jack** - Plug in your guitar or another pedal cable here. If you want to use the Resonance Switch, plug your guitar cable directly into the Pickup Booster.
- 5 Output Jack** - Run a cable to the input of your amp or to the next pedal in your chain.
- 6 Power Jack** - We designed this pedal to be convenient. You can use any 9V to 18V regulated DC adapter (negative polarity center terminal). When operating at higher voltages, the gain remains the same but headroom is increased in proportion to the voltage. Increased headroom lets you hit the pedal harder before clipping the pedal's internal circuitry.
- 7 Easy access battery door (located on back panel)** - When the pedal is not in use, extend your battery life by removing your guitar cable from the input jack.

LET'S GET STARTED!

1. Start with the Gain control knob in the full counter-clockwise position (0dB), and the Resonance Switch in the center ("0") position. Set your amp level appropriately. Engage the Pickup Booster by pressing the footswitch - the LED will come on when it's active.
2. Rotate the Gain control knob clockwise until the desired amount of gain is achieved or keep it at 0dB for a line drive effect.
3. Adjust The Resonance Switch according to your desired tone - only if the pedal is directly connected to your guitar.
4. Rock out and enjoy. You have made a wise purchase.

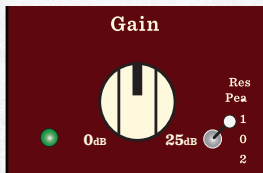
SAMPLE SETTINGS

The settings below are great starting points. The settings for the Resonance Switch only apply when the pedal is connected directly to your instrument.



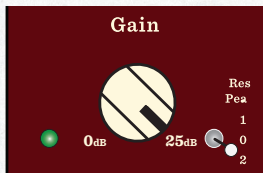
Clean, buffered boost

This setting will give a transparent boost to your signal to drive the rest of your pedalboard with greater signal headroom and no loss of high-end, or use at the end of your pedal chain to drive long cable runs back to your amp.



Fattened Strat

Setting the Resonance Switch to the "1" position will shift the resonant peak of a single-coil pickup down, thickening up your tone. Putting the Gain control up to the 12 o'clock position will let you drive the front-end of the amp for more grit. This setting really lets the intensity of your playing come through, staying clean until you dig in and bring out the sweet harmonics of your amp.



Maximum Beef

This setting, with the Resonance Switch on "2" and the Gain control all the way up, gives a single-coil the fatness of a high-output humbucker along with the full push of your amp's preamp stage, resulting in a meaty, saturated tone. Great for beefing up your solos!

SAMPLE SETTINGS (cont.)



Fattened Humbucker

This setting, with the Resonance Switch on "0" and the Gain control all the way up, gives maximum saturation and sustain to a humbucker.

SPECIFICATIONS

Type of circuitry: Fully discrete, Class A

Gain range: 0 to 25 dB

Bypass: True bypass

Pickup Resonance Switch: Makes a single coil pickup sound like a vintage humbucker ("1") or high output humbucker ("2").

Frequency Response: -3dB at 30Hz and 38 kHz

Distortion: < 0.02% at 200mV RMS output

Noise: -120 dBV (referred to input with gain set at 25dB)

Input impedance: 250K Ohms (when effect is "on")

Output impedance: 150 Ohms

Power: 9V battery or external 9 to 18V Regulated DC Adapter (center negative)

Current consumption: 4.5mA @ 9V (when LED is "on"), 3mA @ 9V (when LED is "off").
Currents at 18V are 11mA and 8mA, respectively.

Dimensions: 2.61" X 4.90" X 1.45"

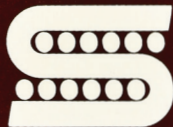
Weight: 0.8lb. without battery

LIMITED WARRANTY

Seymour Duncan offers the original purchaser a one-year limited warranty on both labor and materials, from the day this product is purchased. We will repair or replace this product, at our option, if it fails due to faulty workmanship or materials during this period. Defective products can be returned to your USA dealer, international distributor, or sent direct to our factory postage prepaid along with dated proof of purchase (e.g., original store receipt) and RMA number. Call or email our factory for an RMA number, which must be written on the outside of the box. We reserve the right to refuse boxes without an RMA written on the outside. As you might expect, this warranty does not apply if you've modified the unit or treated it unkindly, and we can assume no liability for any incidental or consequential damages which may result from its use of this product. Any warranties implied in fact or by law are limited to the duration of this express limited warranty.

DISPOSAL GUIDELINES

In the unlikely event that you ever need to dispose of this product, it must be disposed of properly by handing it over to a designated collection point for the recycling of waste electronic equipment. Please contact your local household waste disposal service or the shop where you purchased this product for those locations. Thanks for helping us conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.



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