



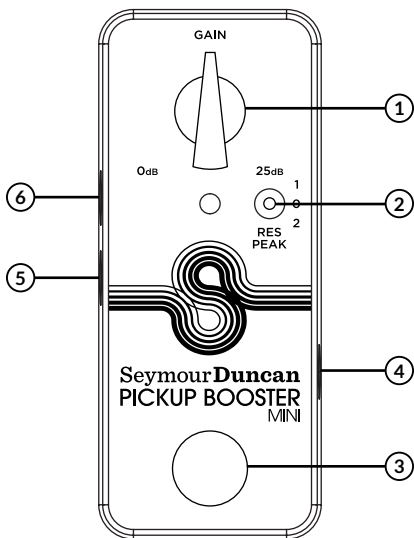
**Seymour Duncan**  
**PICKUP BOOSTER**  
MINI



## **SeymourDuncan** **PICKUP BOOSTER** MINI

Thank you for your purchase of the Seymour Duncan Pickup Booster Mini. 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 Seymour Duncan Pickup Booster features an all discrete, class A, low-noise circuit design. It includes 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.



1. Gain

2. Resonance Switch

3. Footswitch

4. Input Jack

5. Output Jack

6. Power Jack

# HOW IT WORKS

## 1. GAIN

This is the Pickup Booster Mini'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!

## 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, “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 (on back panel) 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.

### **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 Mini.

### **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).

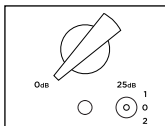
When operating at higher voltages, the gain remains the same, but headroom is increased in proportion to the voltage. Increased headroom lets you hit the pedal harder before clipping the pedal's internal circuitry.

## 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 Mini 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.

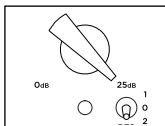
## SAMPLE SETTINGS

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

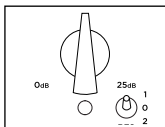
This setting will give a transparent boost to your signal to drive the rest of your pedalboard with greater signal headroom and no loss of high-end. Or, use at the end of your pedal chain to drive long cable runs back to your amp.



## MAXIMUM BEEF

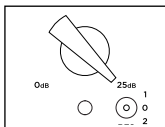
This setting, with the Resonance Switch on "2" and the Gain control all the way up, gives a single-coil the fatness of a high-output humbucker along with the full push of your amp's preamp stage, resulting in a meaty, saturated tone. Great for Beefing Up Your Solos





## 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.



## 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: 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: 1.52" X 3.65" X 2.125"

## 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 the use of this product. Any warranties implied in fact or by law are limited to the duration of this express limited warranty.

# RECYCLING INFORMATION



This symbol indicates this product is classified as Waste Electrical and Electronic Equipment (WEEE) in the European Union and should not be discarded with household waste. Other territories may vary.



This product conforms to the European Union's directive 2011/EU on Restrictions of Hazardous Substances (RoHS)



## COMMITMENT TO QUALITY AND COMMUNITY

Seymour Duncan takes pride in designing and crafting our products to create the most amazing sound possible. With everything we create, our passion and obsession for amazing sound is reflected in its quality and reliability.

Strat® and Tele® are registered trademarks of Fender Musical Instruments Corporation





LOG PHASE

PRESETS  
HOLD. TAP / POL

PRESETS



0dB

RES  
PEAK

Seymour Duncan  
BACKUP BOOSTER  
MINI



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