PICKUP BOOSTER™

Seymour Duncan®

Usage Instructions

Congratulations on your purchase of the Seymour Duncan Pickup Booster™, the first effects pedal designed specifically to work together with the pickups in your instrument to achieve optimum gain and resonance for all your tonal applications. You can start using your Pickup Booster right away (after you install a battery or connect a regulated 9V DC power supply). However, you might want to read through these instructions to gain valuable information, which will enhance your enjoyment of this unique product.

Usage

The Pickup Booster can be used in a variety of applications where extra gain is required. These include use by acoustic guitarists, bassists, electric guitarists, and recording applications. The Pickup Booster's main feature is the Gain Control knob. By rotating it clockwise, the user can add pure, flat-EQ gain, ranging from 6dB, all the way to an astonishing 25dB! Home studio enthusiasts will take advantage of the Pickup Booster's clean gain boost abilities to augment the recording levels of instruments and microphones. Acoustic guitarists and bassists will enjoy their ability to add a subtle volume boost (9 – 12dB) for solos. Electric guitarists will take the fullest advantage of the Pickup Booster's capabilities as they add everything from "punch" to a solo, to over-the-top gain to a tube amplifier's front end – *all with the simple twist of a knob!*

In addition, the Pickup Booster can add thickness to a single coil pickup (see "Resonance Switch").

When the Pickup Booster's footswitch is not engaged, true bypass is achieved, making the effect of the Pickup Booster in the signal chain negligible.

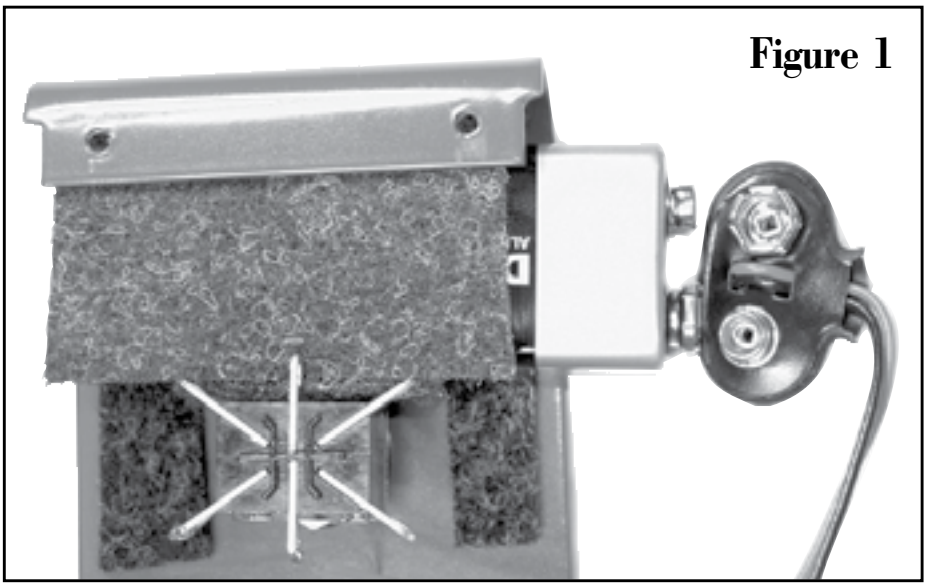


Figure 1

Battery

To make your Pickup Booster work, you'll need to insure that a fresh battery is installed. If not, you'll need to install one (or connect a **regulated** 9V DC power supply.)

To install or replace the battery (see Figure 1 – proper battery orientation), simply:

(a) Remove the four screws on the underside of the box and disassemble the chassis.
(b) Remove the old battery from the clip (if applicable).
(c) Install a fresh 9 volt alkaline battery, taking care to properly orient the "+" and "-" terminals.
(d) Reassemble the chassis and replace the screws.

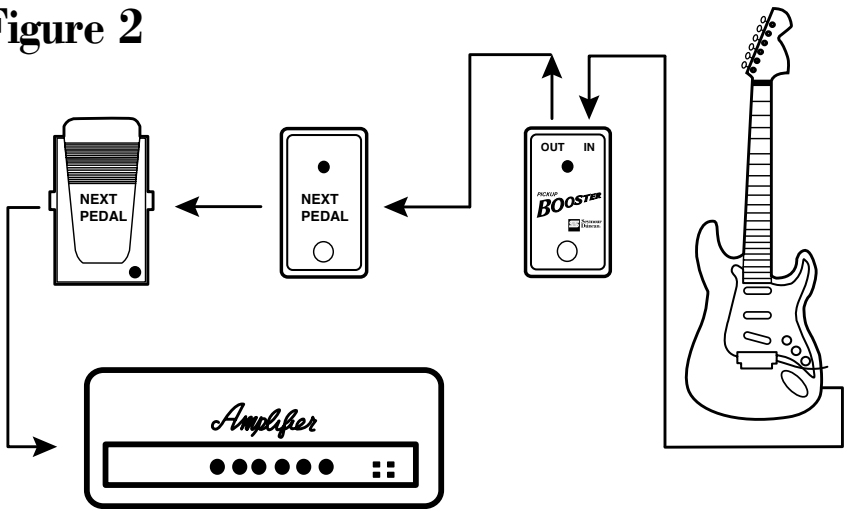
When storing the Pickup Booster, or when it is not in use, make sure no cable or plug is inserted into the "Input" jack, as this will shorten battery life. As an alternative to a battery, you can use a regulated DC power supply ("wall wart") ranging from 9 – 12 volts, for example a Boss® # PSA-120T. These are available at electronics supply stores and most music stores.

Basic Operation

The Pickup Booster is most effective when it's the first off-board device in your signal chain. In other words, if you have a series of effects between your guitar and your amplifier, make sure the Pickup Booster is the one into which your guitar directly plugs. (See Figure 2 – typical signal chain). Make sure the cable that leaves your guitar's jack plugs into the Pickup Booster's jack marked "Input." The cable that leaves the Pickup Booster and goes to the next effect in the signal chain, or the amplifier, should exit from the jack marked "Output" on the Pickup Booster.

When first activating the Pickup Booster, start using the gain control knob in the full counter-clockwise position (6 dB). Then, start rotating the knob clockwise until the desired effect is achieved. As always, musicians are best advised to use ear protection when exposed to loud volume, as unprotected ears can easily suffer irreparable damage.

Figure 2



Resonance Switch ("P/U Res")
The Resonance Switch was designed specifically 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 similar to a vintage humbucker or to a high-output humbucker. Notice that there are three settings marked "1," " 0," and "2." The effect of these settings is as follows:

Setting 1: Resonance drops 2-3kHz
Effect Result: A single coil sounds like a vintage humbucker

Setting 2: Resonance is not affected
Effect Result: The pickup's true resonance is unaltered

Setting 3: Resonance drops 3-5kHz
Effect Result: A single coil sounds like a high-output humbucker

Limited Warranty

Seymour Duncan offers the original purchaser a one-year limited warranty on both labor and materials starting from the day this product is purchased from an Authorized Seymour Duncan Dealer. We will repair or replace this product, at our option, if it fails due to faulty workmanship or materials during this period. Defective products should 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 a RMA number clearly written on the outside of the box. Please call our factory for issuance of an RMA number.

This warranty does not apply to damage to this product or an instrument caused by misuse, mishandling, accident, abuse, alteration or faulty installation. Product appearance and normal wear and tear (worn pain, scratches, etc.) are not covered by this warranty. Seymour Duncan reserves the right to be the sole arbiter as to the misuse or abuse of this product. Seymour Duncan assumes no liability for any incidental or consequential damages, which may result from the failure of this product. Any warranties implied in fact or by law are limited to the duration of this express limited warranty.

Specs

Noise: -120 dB (referred to input with gain set at 25dB)
Distortion: < 0.1%
Gain range: 6 to 25 dB
Type of circuitry: Fully discrete, class A
Power: DC 9-12 V battery, or regulated DC adapter
Current consumption: 3.5mA @ 9V (when effect is "on")
Input impedance: 500K (when effect is "on")
Output impedance: < 10k
Dimensions: 2.5" x 5" x 2" (W x L x H) (6.35cm x 12.7cm x 5.08 cm)
Weight: 1 lb. (0.45 kg)
Chassis material: Heavy duty 1.6 mm steel

For Tone That Sets You Apart

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P/N: 501070-100 rev. B