



**Seymour  
Duncan®**

*For Tone That Sets You Apart™*

# Paranormal

**Bass Direct Box**

***Congratulations*** on your purchase of the ***Seymour Duncan SFX-06 Paranormal™ Bass EQ Direct Box***. You can start using your ***Paranormal Bass Direct Box*** right away, adding more depth and control to your bass tone than ever before. However, you might want to read through these instructions in their entirety first to gain valuable information that will enhance your enjoyment of your Paranormal Bass EQ Direct Box.

## General Information

The Paranormal Bass EQ Direct Box is not your ordinary direct box. Like all DIs, it sports a balanced line out XLR jack (with ground lift) so you can feed a front-of-house mixing board or a recording console with no loss of signal. But that's where the similarities end, because the Paranormal Bass Direct Box also features three bands of active EQ that have been specifically optimized for bass. This allows you to dial in your tone in any room, sculpting your lows, mids, and highs quickly and easily. It's the perfect solution for bassists who want the flexibility of an active system but don't want to modify their instrument.

The SFX-06 also features our proprietary Slap Contour switch, which applies an additional preset EQ curve to whatever settings you've chosen with the 3-band EQ. This produces a tone that's perfect for slap playing but also works great as an alternate sound for fingerstyle or pick playing. This switchable function makes the Paranormal Bass Direct Box even more flexible onstage and in the studio.



FRONT PANEL

## Explanation of Controls

### Front Panel (See page 1)

**1. Bass** – This control provides 12dB of cut or boost to the low frequencies (centered at 30Hz). In the 12:00 (detented) position, this control is bypassed. Rotating the Bass knob clockwise increases low end—great for adding warmth and body to a thin-sounding instrument. Turning the Bass knob counterclockwise reduces low end, which can be just the thing if you find yourself playing a boomy room or if your bass is taking up too much space in a mix.

**2. Midrange** – The Midrange knob is centered at 650Hz and provides 12dB of cut or boost to the midrange frequencies. Cutting the mids (by rotating the Midrange knob counterclockwise) is useful will tame the midrange “honk” that some basses suffer from. Boosting the mids can help a hollow-sounding bass to stand out in the mix better.

**3. Treble** – With a center frequency of 5.2kHz, the Treble control shapes the uppermost part of your bass tone. Boost this control to add bite and clarity to your sound. Cut the Treble for darker, thumpier tones.

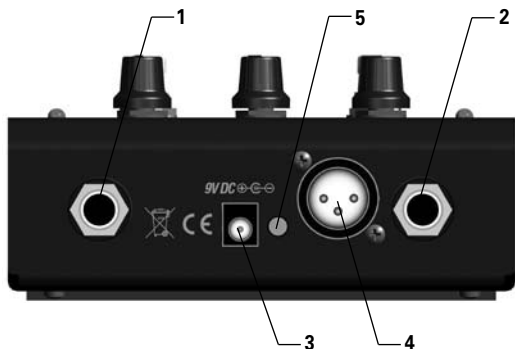
**4. True-Bypass Footswitch** – Hitting this switch removes the circuit from your bass’ signal chain, allowing your signal pass through without affecting your tone.

**5. Slap Contour Footswitch** – This switch engages the Slap Contour—a great-sounding preset tone that is used in conjunction with the 3-band EQ. It adds 6dB of boost at 80Hz and 6dB of cut at 650Hz for a sound that has a fuller bottom and more present highs. Originally designed for slap-style funk playing, this tone sounds amazing for any type of music or technique.

## Explanation of Controls

### Back Panel

- 1. Input Jack** – Plug in your bass here.
- 2. Output Jack** – This ¼" jack provides the output signal. Run a cable from this jack to the input of a bass amp or to the input of the next effect in your chain.
- 3. Power Jack** – This is where you can connect a Seymour Duncan 9-volt DC adapter or any 9-18-volt regulated DC adaptor, if you opt not to run the SFX-06 on a 9-volt battery.
- 4. Balanced Line Out** – This jack provides a balanced output that you can send to a mixing board or a recording console with an XLR (microphone) cable. Because the signal coming out of this jack is balanced, you can run as much cable as necessary without any loss of tone.
- 5. Ground Lift** – This can be useful to eliminate ground lops that can cause excessive levels of hum and buzz.



BACK PANEL

## Sample Settings

You can't really go wrong with the settings on the SFX-06, but these are great starting points for a variety of different sounds.



### Deep Dub Tone

This is a great sound for dreamy dub bass or smoky reggae. It's deep, round, and huge.

**Bass:** 3:00

**Mid:** 12:00

**Treble:** 9:00

**Slap Contour:** Off



### Bright Slap

Perfect for funk and pop tones.

**Bass:** 12:00

**Mid:** 11:00

**Treble:** 3:00

**Slap Contour:** On



### Aggressive Mids

This tone will cut through any mix. You want punch? Give this a try. Also sounds great when combined with distortion.

**Bass:** 12:00

**Mid:** 3:00

**Treble:** 1:00

**Slap Contour:** Off

## Battery

To make your SFX-06 work, you'll need to insure that a fresh battery is installed. If not, you'll need to install one, or connect a regulated 9-volt DC power supply—such as a Seymour Duncan 9-volt power adapter. To install or replace the battery:

- 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 SFX-06, or when it is not in use, make sure nothing is plugged into the Input jack, as this will shorten battery life.

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## **Specifications**

**Input Impedance:** 1 M Ohm

**Output Impedance:** 1 K Ohm

**Max Output before Clipping:** 2.6Vrms

**Hum and Noise:** -92dBV

**THD @ 1Vrms out @ 1 KHz:** 0.002%

**Type of Circuitry:** FET Input OP-Amps w/ Discrete Gytrators

**Power:** DC 9V battery, or regulated 9-12V DC adapter

**Current Consumption:** 2.9 mA Max

**EQ Center Frequencies:** Bass - 30Hz; Mid - 650Hz; Treble - 5.2KHz

**Gain Range:** +/- 12dB

**Slap Contour Frequencies:** +6dB @ 80Hz; -6dB @ 650Hz

### **Outputs:**

1/4" single ended @ -10dBu average level

XLR balanced @ -20dBu average level

**Dimensions:** 5.50" Wide x 5.20" Deep x 2.20" Tall

**Weight:** 1.9 Lbs.

**Chassis Material:** 16 Gauge Steel



## **Limited Warranty / Disposal Guidelines**

*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, modification or unauthorized repairs. 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.*

*This product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased this product.*

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The SFX-06 is made in China. Some components made in Bulgaria.  
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