



BC3xl STEREO BASS PREAMP

OWNERS MANUAL



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1.1 Introduction

Thank you for purchasing the SUNCOAST – BC3xl Stereo Bass Preamp. It is our commitment to providing our customers with the highest quality, musical instrument preamp/processors, designed and built in the USA. Utilizing our intimate knowledge and experience with these classic designs over the past 35 years, we set out to recreate that unique sound in a compact portable format.

1.2 Features

The following is a summary of your BC3 Bass Preamp's unique features:

- The Ultimate Stereo Bass Preamp for Electric Bass guitar.
- Two Classic Solid-State preamps with an extra added Overdrive Preamp in parallel with Channel 1.
- Active 3-Band EQ with variable frequency parametric Midrange control.
- “Musical” Stereo limiter designed for Bass with adjustable Threshold.
- Pushbutton switches for Input Mix, Mono Output.
- Two unique Overdrive preamp modes – Normal and Super Boost.
- Overdrive Preamp – Fully adjustable with Boost, Drive, Volume and EQ.
- Ability to blend the Overdrive preamp in parallel with the CH1 signal.
- Two selectable Channel switching modes – Normal or Combine.
- Ultra quiet, 280KHz switch mode DC power supply for +/-15V internal operation.
- Solid, Diecast Aluminum Enclosure, Durable Black Satin Powder Coating - Dimensions 4.7 x 7.4 x 1.3"

2.1 Front Panel Layout



2.2 Preamp Controls for OD, CH 1&2

Boost Switch – Adds +20dB extra treble boost to the input Drive control.
Drive - This control adjusts the input drive level of the channel's preamp.
Bass – The Bass control adjusts the amount of low frequencies +/- 15dB.
Midrange – This control adjusts the amount of mid frequencies +/- 15dB.
Freq – Variable control for midrange center frequency 70Hz-2KHz.
Treble – This control adjusts the amount of high frequencies +/- 15dB.
Volume – The master volume for each preamp channel's output level.

Overdrive Mode Switch – Selects Normal or Triple Boost Mode.

Overdrive On Switch – Turns on Overdrive Channel.

Lim LED – LED indication of limiter activity.

Limiter – This control adjusts the Threshold level of the stereo Limiter.

IN Switch – Turns "ON" the Limiter.

2.3 Rear Panel Layout



2.4 Rear Panel Jack Description

Power Input - Power input jack, 9VDC @ 800mA (Center-Negative).

Input 1 – Instrument Input jack 1.

Input Mix Switch – Mixes Input 1&2 signals together “Mono” before Channel 1&2 Drive controls.

Input 2 – Instrument input jack 2.

Output 1 - Channel 1 output jack.

Mono Out Switch – Mixes Channel 1&2 outputs to “Mono” post Limiter.

Output 2 - Channel 2 output jack.

Footswitch – Footswitch jack input for FS-1 or FS-2 Footswitch.





3.1 Internal Footswitch Mode Dip Switch

Switch 1 - Selects Footswitch type – FS-1 (One Button) or FS-2 (Two Button)

Switch 2 - Selects Footswitch Channel mode – Combine Mode (CH2 always On) or Channel switching mode (Toggle between CH1 and CH2).

3.2 Preamp Tone Settings

These settings are merely a suggested starting point from which you can set to your own personal taste.

Drive – 3-4

Bass – 7

Middle – 6

Freq – 600

Treble – 3

Volume – 7 (adjust for desired loudness)

3.3 Specifications

Input Voltage – 9VDC

Current Consumption – 390mA (Idle)

Input Impedance – 1Meg Ohm

Output Impedance – 600 Ohms

Dimensions – 7.4”W x 4.7”H x 1.3”D

Weight – 1.1lbs

3.4 Operating Instructions

- Always connect your instrument input and preamp output prior to turning the unit or pedal board ON.
- Use only quality coaxial instrument cable (guitar cord) patching your preamp to your amplifier.
- Always connect the unit a proper power source and use a grounded outlet strip, otherwise a shock hazard may result, especially when the unit is connected to other equipment. Domestic 9VDC power adapters should be connected to 115VAC, 60 Hz. Connection to improper line voltage may cause permanent damage.
- Do not expose this unit to rain or excessive moisture. This may cause a shock hazard or damage to the unit.

SAFETY NOTICE: There are no user serviceable parts inside the unit. Refer servicing to qualified personnel only.

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