

Suncoast

CUSTOM AMPLIFICATION

B1p BASS PREAMP

OWNERS MANUAL



Sluggo Music Limited Warranty

Sluggo Music Technology LLC warrants this product to be free of defects in material and workmanship for the period of one year from the date of original purchase. This warranty is only applicable to the original retail purchaser. To be protected by this warranty, the purchaser must complete the online warranty form within 14 days of the date of purchase. During the warranty period Sluggo Music shall, at its sole discretion, either repair or replace, free of charge, any product that it deems to be defective upon inspection by Sluggo Music Technology LLC or its **authorized service representative**. To obtain warranty service, the purchaser must first obtain a Return Authorization Number from our service department and shipping address where to return the unit for service. All authorized returns must be sent to our service department postage prepaid, insured for full replacement value, properly packaged and accompanied with a description of the problem. Sluggo Music reserves the right to update any unit returned for repair and the right to change or improve the design of the product at any time without prior notice. This warranty does not cover claims for damage due to abuse, neglect, alteration or attempted repair by unauthorized personnel, and is limited to failures arising during normal use that are due to defects in material or workmanship in the product only. Any warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the length of this original warranty. In no event will Sluggo Music Technology LLC be liable for incidental or consequential damages resulting from the breach of any express or implied warranty including damage to property, damage based on inconvenience or loss of use of the product, and personal injury to the extent permitted by law. This warranty gives you specific legal rights, which may vary from state to state. This warranty applies only to products sold in the United States of America. For warranty information in all other countries please refer to your local distributor.

Sluggo Music Technology LLC
P.O. Box 913
Dunedin, FL 34697-0913
(727) 247-2520

sales@sluggomusic.com
service@sluggomusic.com

**“SUNCOAST” is a trademark of
Sluggo Music Technology LLC, Copyright 2014
All Rights Reserved**

1 Overview

- 1.1 Introduction
- 1.2 Features

2 Controls

- 2.1 Front Panel Layout
- 2.2 Preamp Controls
- 2.3 Rear Panel Layout
- 2.4 Rear Panel Jack Description
- 2.5 Internal Boost Preamp Controls

3 Operation

- 3.1 Operating Instructions
- 3.2 External Effects Patching
- 3.3 Preamp tone settings

4 Technical

- 4.1 Specifications
- 4.2 Battery Replacement

1.1 Introduction

Thank you for purchasing the SUNCOAST - B1p 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 vast experience with classic designs over the past 30 years, we set out to recreate that unique sound from some of our personal favorite artists.

1.2 Features

The following is a summary of your B1p Bass Preamp's unique features:

- The Ultimate Solid-State Bass Preamp in a pedal. Also works great with Bass Synthesizers and Baritone Guitar.
- The Boost Mode preamp features "Super Boost"[™] triple Overdrive and separate EQ for Monstrous, Harmonic Heavy, Bass solo's.
- Internal trim pots for Boost preamp Drive, Bass, Midrange and Treble.
- Internal dip switch for selecting OD1(Normal) or OD2(Super Boost).
- Buffered effects loop Send and Return jacks allows for patching external FX between the preamp out and limiter input. True bypass footswitch.
- Active +/-15dB Bass, Midrange and Treble EQ with sweepable Midrange Frequency control.
- Limiter footswitch with variable Threshold control to tame your funk'n thumb.
- 100% discreet analog circuit design utilizing precision surface mount technology.
- Ultra quiet 1.2MHz switching DC power supply for +/-15V internal operation, 30V peak to peak Dynamic Headroom.
- Solid, Diecast Aluminum Enclosure, Durable Black Satin Powder Coating - Dimensions 4.7 x 7.4 x 1.3"
- Standard 9V DC, 300mA Adapter or use 2 - 9V Batteries (6 Hours)

2.1 Front Panel Layout



2.2 Preamp Controls

Limiter - This control adjusts the limiter threshold for when it kicks in.

Volume - The Volume control adjusts the output level of the preamp.

Bass - This tone control adjusts the amount of low frequencies.

Freq - This control adjusts the midrange center frequency.

Middle - This tone control adjusts the amount of midrange frequencies.

Treble - This tone control adjusts the amount of high frequencies.

Drive - The Drive control adjusts the input level of the preamp.

Limiter Footswitch – Turns the Limiter On/Off.

Boost Footswitch – Engages the Overdrive Preamp.

Bypass Footswitch – Turns the Preamp On/Off.

2.3 Rear Panel Layout



2.4 Rear Panel Jack Description

Power Input - Power input jack, 9VDC @ 300mA (Center–Negative).

Input - Main instrument input jack.

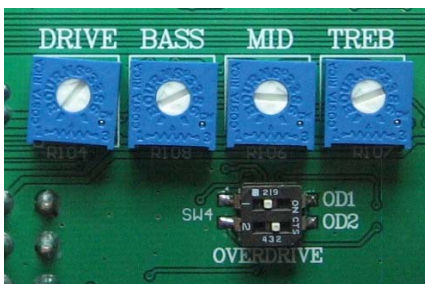
Output - Main preamp output jack.

Boost Vol - Boost Volume for blending Overdrive preamp with clean tone.

Send - Effects Loop Send jack, (preamp out).

Return - Effects Loop Return jack, (limiter in).

2.5 Internal Boost Preamp Controls



Boost Preamp – Drive, Bass, Midrange and Treble internal trimpots to customize your Overdrive level and tone. The dip switch is used to select OD1 (Normal) Boost or OD2 (Super Boost) Overdrive. Note: Only one OD switch can be selected at a time or the overdrive circuitry will oscillate.

3.1 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.

3.2 External Effects Patching

Bass
|
Envelope Filter
Bass Flanger
Bass Chorus
|
B1p Bass Preamp (Input)
B1p Bass Preamp (Send)
|
Volume Pedal
Digital Delay
Noise Gate
|
B1p Bass Preamp (Return)
B1p Bass Preamp (Output)
|
Power Amplifier
|
Speaker

3.3 Preamp Tone Settings

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

Limiter - 5

Volume – 7 (adjust for desired loudness)

Bass – 7

Freq - 4

Middle – 4

Treble – 3

Drive – 5

4.1 Specifications

Input Voltage – 9VDC

Current Consumption – 150mA

Input Impedance – 1Meg Ohm

Output Impedance – 600 Ohms

Dimensions – 7.4”W x 4.7”H x 1.3”D

Weight – 1.1lbs

4.2 Battery Replacement

Generally speaking, the batteries should last only about 6 hours. Some artists prefer to use batteries for recording or performance. The instrument input jack turns the power ON to the unit when batteries are used and the cord is plugged in. Always remove the instrument input cord when not in use. The power adapter overrides the batteries when plugged into the power jack.