



CUSTOM AMPLIFICATION

G2p GUITAR PREAMP

OWNERS MANUAL



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

sales@sluggomusic.com
service@sluggomusic.com

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1.1 Introduction

Thank you for purchasing the SUNCOAST G2p Guitar Preamp. It is our commitment to providing our customers with the highest quality, musical instrument processors, designed and built in the USA. Utilizing our vast knowledge of classic designs from the past 50 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 G2p Guitar Preamp's unique features:

- The Ultimate Solid-State Guitar Preamp in a pedal. Use your guitars' volume to go from Clean to Crunch.
- The Boost footswitch adds extra Distortion, Gain and High Frequency Roll-Off for soaring, harmonic rich Leads.
- Loop Output and Aux Input allows for patching into your combo amps' FX loop. True Bypass also functions as A/B Box.
- Active +/-18dB Bass, Midrange and Treble EQ with sweepable Midrange Frequency control.
- Limiter footswitch with variable Threshold control to keep a lid on your snappiest Rhythms.
- 100% discreet analog circuit design utilizing precision surface mount technology.
- Ultra quiet 1.2MHz switching DC 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.

Bypass Footswitch – Turns the Preamp On/Off.

Boost Footswitch – Engages the Overdrive Gain.

2.3 Rear Panel Layout



2.4 Rear Panel Jack Description

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

Input - Main instrument input.

Loop Out – Main instrument loop output.

Aux In - Auxillary Input jack. Overrides the main input signal when in Bypass mode. Allows the G2p to work like an A/B box.

Output - Main preamp output.

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

Guitar
|
Phase Shifter
Flanger
Wah
Chorus
Multieffects
|
G2p Guitar Preamp
|
Volume Pedal
Digital Delay
Echo/Reverb
Noise Gate/Line Driver
|
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 – 5
Freq - 4
Middle – 3
Treble – 4
Drive – 5

3.4 Amplifier A/B Preamp Signal Patching

Input – From Guitar.

Loop Out – To amplifier Instrument Input.

Aux In – From amplifier Effects Send.

Output – To amplifier Effects Return.

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.