

Suncoast

CUSTOM AMPLIFICATION

G2x1 GUITAR PREAMP

OWNERS MANUAL



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1.1 Introduction

Thank you for purchasing the SUNCOAST – G2xl Guitar 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 35 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 G2xl Guitar Preamp's unique features:

- The Ultimate Solid-State Guitar Preamp for professional guitarist's.
- Two "Authentic Analog" preamp channels for Lead and Rhythm tone.
- Active 3-Band EQ with variable frequency parametric Midrange control.
- "Musical" limiter designed for Guitar with adjustable Threshold.
- Accutronic's "Digi-Log" Digital long spring reverb.
- Buffered Effects Loop Send and Return (Preamp Out>Limiter In).
- Balanced XLR output with ground lift switch.
- Buffered True Bypass footswitch.
- Ultra quiet, 560KHz 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 Channel 1&2

Boost Switch – Adds +20dB extra treble boost to the input Drive control.

Drive - This control adjusts the input level of the clean preamp.

Bass – The Bass control adjusts the amount of low frequencies.

Midrange – The Midrange control adjusts the amount of mid frequencies.

Freq – Variable frequency control for midrange.

Treble – The Treble control adjusts the amount of high frequencies.

Volume – The Volume controls the preamp channel's output level.

Presence – This control adjusts the ultra-high frequencies on CH1.

OD Switch – Selects Normal or “Super Boost” Overdrive modes.

Lim LED – LED indication of limiter activity.

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

IN Switch – Turns “ON” the Limiter.



Channel Footswitch – Selects Channel 1 or 2.

Reverb Footswitch – Turns Reverb On/Off.

Bypass Footswitch – Engages the Bypass mode.

Balanced Output – Balanced XLR output for PA or Recording.

Ground Lift Switch – Lifts Pin 3 ground connection on Balanced Output.

2.3 Rear Panel Layout



2.4 Rear Panel Jack Description

Power Input - Power input jack, 9VDC @ 1300mA (Center–Negative).

Input - Input jack.

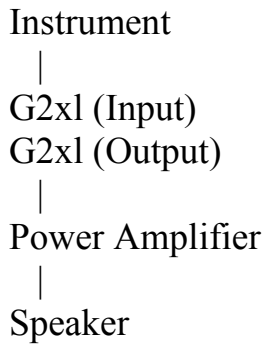
Output - Output jack.

Reverb – Reverb Level Control.

Send – Effects loop Send jack.

Return – Effects loop Return jack.

Instrument Patching



3.1 Preamp Tone Settings

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

Drive – 7 (With the Boost switch (IN) adjust to 3 for a starting point)

Bass – 6

Middle – 4

Freq – 300

Treble – 5

Volume – 5 (adjust for desired loudness)

3.2 Specifications

Input Voltage – 9VDC

Current Consumption – 550mA

Input Impedance – 1Meg Ohm

Output Impedance – 600 Ohms

Dimensions – 7.4”W x 4.7”H x 1.3”D

Weight – 1.1lbs

3.3 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.