

# Suncoast

## CUSTOM AMPLIFICATION

### F2p TUBE PREAMP

### OWNERS MANUAL

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## **1.1 Introduction**

Thank you for purchasing the SUNCOAST – F2p Tube 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 F2p Tube Preamp's unique features:

- The Ultimate Tube Preamp in a pedal. Works great with Guitar, Bass, Synthesizers, Etc.
- The Classic Dual Tube preamp design features a Normal (Green Channel) and a Bright (Red Channel).
- Normal Channel – Volume, Treble and Bass controls with Deep switch.
- Bright Channel – Volume, Treble, Middle and Bass controls with Bright switch.
- Combine mode footswitch for parallel preamp operation.
- Buffered Master Volume with True Bypass footswitch.
- Buffered effects loop allows for patching of external FX.
- 100% Classic Tube Preamp design utilizing precision component technology.
- Ultra quiet 560 KHz switching DC power supply for +/-12V internal operation, Custom Proprietary High Voltage Switching Power Supply for real +240VDC Tube Plate Voltage.
- 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

### Bright Channel (Red)

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

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

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

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

**Bright** - This pushbutton switch adds Brightness.

### Normal Channel (Green)

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

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

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

**Deep** - This pushbutton switch adds Deep Lows.

**Combine Footswitch** – Combines preamp channels in parallel mode.

**Select Footswitch** – Selects Preamp Channel Normal (Green)/ Bright (Red).

**Bypass Footswitch** – Turns the Preamp On/Off.

## 2.3 Rear Panel Layout



## 2.4 Rear Panel Jack Description

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

**Input** - Main instrument input jack.

**Output** - Main preamp output jack.

**Master Vol** - Master Volume Control.

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

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

## 3.1 External Effects Patching

Instrument

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F2p Tube Preamp (Input)

F2p Tube Preamp (Send)

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Effects

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F2p Tube Preamp (Return)

F2p Tube Preamp (Output)

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Power Amplifier

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Speaker

## **3.2 Preamp Tone Settings**

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

Volume – 5 (adjust for desired loudness)

Treble – 7

Middle – 3

Bass – 5

Volume – 5 (adjust for desired loudness)

Treble – 7

Bass – 5

## **3.3 Specifications**

Input Voltage – 9VDC

Current Consumption – 1300mA

Input Impedance – 1Meg Ohm

Output Impedance – 600 Ohms

Dimensions – 7.4”W x 4.7”H x 1.3”D

Weight – 1.1lbs

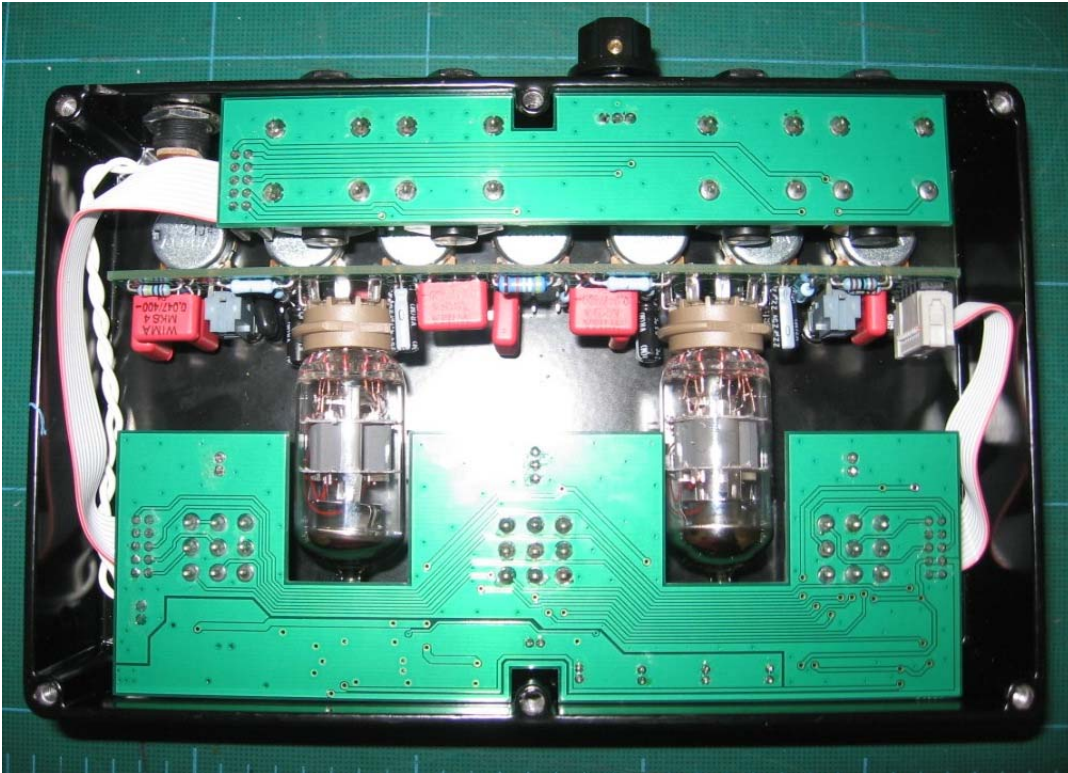
## **3.4 Operating Instructions**

- 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.

**This unit contains *EXTREMELY HIGH VOLTAGES*. DO NOT OPERATE THIS UNIT WITH THE BOTTOM COVER REMOVED. SERIOUS RISK OF SHOCK MAY RESULT!**

**TUBE PLATE VOLTAGE - +240VDC!**



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