

# Cyclops

## OWNERS MANUAL



### Power Station Amp/Preamp Selector

MODEL APS-1



[www.fryette.com](http://www.fryette.com)

## *Welcome to the family!*

Congratulations and thank you for choosing the FRYETTE Cyclops!

You are constantly searching for new sounds and new ways to improve your existing sound. We understand the constantly evolving nature of artistic creativity and the search for the perfect sound to complement your ever-widening musical vision. Providing the tools to help you create your own sonic signature is our primary mission.

With Fryette Power Amplifiers, it's all about the feel. Built on decades of experience producing the finest all-tube power amps available, the Power Station has become the most popular, and really, the only product of its kind on the market. And because it excels as a practical and highly functional tool that solves problems frequently encountered in live playing and recording environments, Power Station users have discovered many novel applications for their rigs they only dreamed of solving previously.

Now that you've become familiar with the way the Power Station works, you've also discovered that it is an invaluable tool for enhancing the behavior of preamps and modelers. But how best to integrate the Power Station into a more complex rig where interface issues and ground loop problems can be challenging?

Enter Cyclops. A convenient and practical solution that takes care of connecting, routing and ground isolation all in one elegantly simple package.

Are you ready to take your Power Station functionality to the next level? Alright. Let's go!

## IMPORTANT SAFETY INSTRUCTIONS



This symbol warns the user of dangerous voltage levels localized within the enclosure.



This symbol advises the user to read all accompanying literature for safe operation of the unit.

- Read, retain, and follow all instructions. Heed all warnings.
- Only connect the power supply cord to an earth grounded AC receptacle in accordance with the voltage and frequency ratings listed under the AC input on the rear panel of this product.
- **WARNING:** To prevent damage, fire or shock hazard, do not expose this unit to rain or moisture.
- Unplug the power supply cord before cleaning the unit exterior (use a damp cloth only). Wait until the unit is completely dry before reconnecting it to power.
- Maintain unobstructed air space behind and above the unit to allow for proper ventilation and cooling.
- This product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
- This product may be equipped with a polarized plug (one blade wider than the other). This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of this plug.
- Protect the power supply cord from being pinched or abraded.
- The power supply cord of this product should be unplugged from the outlet when left unused for a long period of time, or during electrical storms.
- This product should be serviced by qualified service personnel when: the power supply cord or the plug has been damaged; or objects have fallen, or liquid has been spilled onto the product; or the product has been exposed to rain; or the product does not appear to operate normally or exhibits a marked change in performance; or the product has been dropped, or the enclosure damaged.
- Do not drip or splash liquids, nor place liquid filled containers on the unit.
- **CAUTION:** No user serviceable parts inside, refer servicing to qualified personnel only.
- **FRYETTE®** amplifiers and loudspeaker systems are capable of producing very high sound pressure levels which may cause temporary or permanent hearing damage. Use care when setting and adjusting volume levels during use.
- Hazardous voltages may be present within the chassis even with the power switch off and power cord connected. Therefore, disconnect the power cord from the rear panel power inlet before servicing. The power inlet must remain readily operable.



## **WE HEAR YOU!**

Seriously. We get at least one email a week from Power Station users who want to connect an amplifier to the Amp In jack of the Power Station, and a preamp or modeler into the Line In jack at the same time.

Of course, you can do that now, but with the Line In jack connected, the signal from the Amp connected to the Amp In jack gets interrupted. The only way to remedy that issue is to unplug the cable to the Line In or connect a passive AB box back there so you can select which one you want to play through. That's not a terribly convenient solution when you will still have to either manually unplug the guitar cable from the amp input and connect it to the preamp input or use another AB box to manage that signal switching chore.

A new problem arises in the form of a noticeable hum when you have your amp and preamp inputs connected together on the same ground path. To solve that, you'll need at least one, if not two isolation transformers. As you can see, it quickly gets a bit ridiculous when all you wanted was something organized and convenient.

The Cyclops box is the complete solution in one convenient, easy to use accessory. Simply set the Cyclops near your rig and connect everything according to the chart below. If that seems like a lot of connections, it is. That's why you need to set the Cyclops box near your rig, or inside your rack case, etc. You need to keep as many of those patch cables as short as possible for the best performance and lowest noise. And to make sure there are no ground loops, the Preamp In and Amp Input jacks are transformer isolated, so no need for additional hardware.

Next question: What if I want to mount the Cyclops box on my pedalboard? Answer: You don't! That's way too many cables and too much cable capacitance running between your amp rig and pedalboard. We thought of that too. The solution is to connect a single latching footswitch box on your pedalboard and connect the footswitch cable to the Remote jack on the back of the Cyclops box. Now you're all set! Almost...

Last question: How do I make sure my preamp level and amplifier volume level are the same, or close enough to be able to set them the same? Take a quick look at Item # 6 on the rear panel view below. The Preamp Level switch provides a 10dB boost to your preamps output level to allow you to balance the preamp volume and amp volume coming out of your Power Station. This switch activates a very high quality, super low noise boost stage that will maintain a high-quality signal coming out of your preamp.

OK, NOW you're all set!

## FRONT PANEL



1. THE EYE – A single pushbutton selects whether your guitar signal is routed to your amplifier or preamplifier.
2. PREAMP – When this LED is lit, your signal is routed to your preamplifier input.
3. AMPLIFIER – When this LED is lit, your signal is routed to your amplifier input.

## REAR PANEL

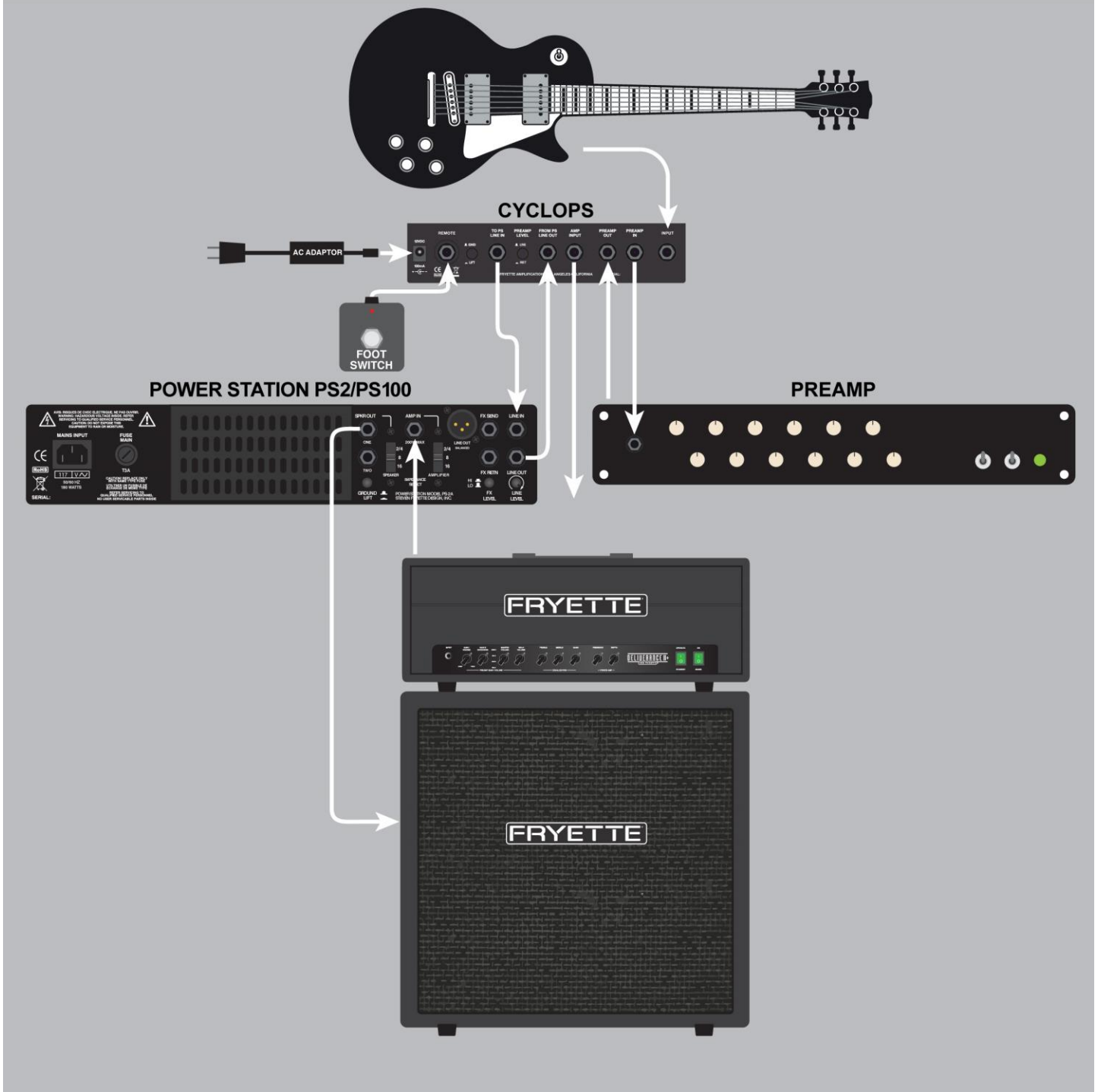


## RIGHT TO LEFT

1. INPUT – Connect your instrument cable or pedalboard output here.
2. PREAMP IN – Connect this to the input of your preamplifier.
3. PREAMP OUT – Connect this to the output of your preamplifier.
4. AMP INPUT – Connect this to the input of your head or combo amplifier.
5. FROM PS LINE OUT – Connect this to the Line Out jack of your Power Station.
6. PREAMP LEVEL – Use this switch to match the volume level of your preamp to the volume level of your amplifier.
7. TO PS LINE IN – Connect this to the Line In jack of your Power Station.
8. GROUND LIFT – Use this switch to eliminate hum and noise caused by a ground loop in your rig.
9. REMOTE – Connect this jack to a single button latching footswitch to remotely select between your amp and preamp.

## APPLICATIONS

Connecting CYCLOPS to POWER STATION and PREAMP then sending to amplifier.



## TROUBLESHOOTING GUIDE

### **WON'T TURN ON**

1. Make sure AC adapter is securely connected at both ends.

2. Verify the power source with something you know works.

### **NO SOUND**

1. Check input cables.

2. Check output cables

3. Make sure the preamp or source signal volume and/or gain controls are turned up.

### **DISTORTION**

1. Check the level setting.

4. Check the signal level at other devices in the signal path.

## SPECIFICATIONS

MODEL: Cyclops

MODEL NUMBER: APS-1

POWER REQUIREMENT: Regulated 12 Volts DC @ 100mA.

INSTRUMENT INPUT IMPEDANCE: 1 Megohm.

PREAMP/AMP OUTPUT IMPEDANCE: 100 ohms.

### **DIMENSIONS:**

HEIGHT: 1.75" (4.4 cm)

WIDTH: 7.7" (19.6 cm)

DEPTH: 3" (7.6 cm)

WEIGHT: 1 Lb. (.45 kg)

*Product specifications are subject to change without notice.*



## Certificate of Compliance

### Restriction of the use of Hazardous Substances (RoHS)

We certify that all of our products (exceptions see listed below) are compliant with the European Union Directive 2002/95/EC for the Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS).

No Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr+6), PBB or PBDE is intentionally added to these devices. Any trace impurities of these substances contained in the parts are below the RoHS specified threshold levels.

All information provided in this Certificate of Compliance is accurate to the best of our knowledge as of the date this Certification was issued.

## Certificate of Compliance

### Registration, Evaluation, Authorization and Restriction of chemicals (REACH)

We declare that all of our products are compliant with European Union Directive EC1907/2006 for the Registration, Evaluation, Authorization and Restriction of chemicals (REACH), and contain none or less than 0.1% of the chemicals listed as hazardous chemicals in the REACH regulation. All information provided in this Certificate of Compliance is accurate to the best of our knowledge as of the date this Certification was issued.

## Declaration of Conformity

### EMC and Low Voltage Directive (CE)

Product Name: Cyclops  
Model Number: APS-1

This is to certify that the product listed above complies with the following European Union Council Directives and Standards relating to electromagnetic compatibility (EMC Directive 89/336/EEC) and the low voltage Directive (73/23/EEC).

This declaration of conformity of the European Communities is the result of an examination carried out by Electromagnetic Engineering Services, Inc. in accordance with European Standards EN 50081-1, EN 50082-1 and EN 60065 for low voltage, as laid down in Article 10 of the EMC Directive.

Steven Fryette Design, Inc  
9620 Topanga Canyon Place, Unit D  
Chatsworth, CA 91311





## LIMITED WARRANTY

Subject to the obligations and exclusions found below, this product is warranted by Steven Fryette Design, Inc., (herein SFD) against manufacturing defects in materials and workmanship for the period of Five (5) Years from the date of purchase, with the exception of the tubes, fuses and speakers where applicable, which carry a 90 day warranty.

The warranty period commences on the date of purchase by the original user. Performance under this warranty must be obtained at one of the following: an SFD Authorized Service Station, by returning the unit to the SFD factory with prior written authorization, or (in countries outside of the United States) by a representative SFD distributor.

### **Obligations**

1. This warranty will be honored only on the presentation of the original proof of purchase.
2. Transportation of the product to and from an authorized SFD service outlet is the responsibility of the user. Units sent directly to the SFD factory for warranty repairs must be authorized by SFD and shipped prepaid.

### **Exclusions**

1. This warranty shall not cover adjustment of consumer-operated controls as explained in the appropriate instruction manual, or products that have been altered or have missing, or defaced serial numbers.
2. This warranty shall not apply to the appearance of accessory items including but not limited to, cabinets, cabinet parts, or knobs.
3. This warranty does not apply to uncrating, setup, installation, or the removal and reinstallation of products for repair.
4. This warranty shall not apply to repair or replacements necessitated by any cause beyond the control of SFD including, but not limited to, any malfunction, defects, or failure caused by or resulting from unauthorized service or parts, damaged or broken tubes, incorrect line voltage, improper maintenance, modification or repair by the user, abuse misuse, neglect, accident, fire, flood, or other Acts of God.
5. Responsibility for the repair of any SFD product sold outside of U.S. boundaries is borne by the SFD representative in that particular country or territory. Also, the warranty term and conditions may be different from those stated above. Please contact the SFD distributor or dealer in your country for more information.

The foregoing is in lieu of all other expressed warranties, and SFD does not authorize any party to assume for it any other obligation or liability. In no event shall SFD be liable for special or consequential damages arising from the use of this product, or for any delay in the performance of this warranty due to causes beyond our control. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of consequential damages, so the above limitations on implied warranty and consequential damages may not apply to you. This warranty gives you specific legal rights. You may have other rights that vary from state to state.

### **WARRANTY REGISTRATION**

**U.S. and Canadian residents:** Please retain your purchase receipt as proof of purchase for warranty purposes. All other international residents please contact the authorized distributor your Fryette product was purchased from. For a list of international distributors please visit [www.fryette.com/dealers.html](http://www.fryette.com/dealers.html)

STEVEN FRYETTE DESIGN, INC. / 9620 TOPANGA CANYON PLACE, UNIT D / CHATSWORTH, CA 91311 / TEL (818) 960-4001

[www.fryette.com](http://www.fryette.com)

Copyright 2024 Steven Fryette Design, Inc.