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Voodoo Lab PP3P

Voodoo Lab Pedal Power 3 PLUS

HIGH CURRENT 12-OUTPUT ISOLATED POWER SUPPLY (MODEL: PP3P)

Introduction

The Voodoo Lab Pedal Power 3 PLUS is a high-current, 12-output isolated power supply designed for guitar and bass effects pedals. It features an innovative hybrid DC transformer design with linear regulation and computer-optimized filtering, providing audiophile-quality power for a wide range of pedals, from standard battery-operated stompboxes to modern high-current DSP effects. This manual provides essential information for setting up, operating, and maintaining your Pedal Power 3 PLUS.

Features

- **12 Isolated DC Outputs:** Includes 10 x 9V outputs and 2 x switchable 9V/12V outputs, all providing up to 500mA of high-current power.
- **X-LINK Expansion Ports:** Connect Pedal Power X4 and X8 units to expand your power supply, adding up to 16 additional isolated outputs for a total of up to 28 pedals from a single AC main.
- **Universal Compatibility:** Operates at all line voltages from 100-240VAC, eliminating the need for external transformers and allowing worldwide use with the appropriate AC line cable.
- **Zero Noise Design:** Hybrid DC transformer design with linear regulation ensures clean, quiet power for optimal pedal performance.
- **Durable Construction:** Housed in an ultra-lightweight, low-profile aluminum chassis for road-ready reliability.
- **Standard IEC Connector:** Utilizes a standard IEC type connector for the AC line cable, allowing for easy replacement if damaged.

Setup

Follow these steps to set up your Pedal Power 3 PLUS:

1. **Unpack:** Carefully remove the Pedal Power 3 PLUS unit, DC power cables, and AC line cable from its packaging.
2. **Connect AC Power:** Plug the provided AC line cable into the IEC input on the rear of the Pedal Power 3 PLUS. Connect the other end to a suitable wall outlet (100-240VAC). The unit is designed for worldwide use, requiring only the correct regional AC line cable.
3. **Connect Pedals:** Use the included DC power cables to connect your effects pedals to the isolated DC outputs

on the front of the unit.

4. Output Configuration:

- The 10 standard outputs provide 9V DC at up to 500mA.
- The two switchable outputs can be set to either 9V or 12V. Use the small toggle switches above these outputs to select the desired voltage.
- The two X-LINK ports (12V 1A) are for connecting Voodoo Lab Pedal Power X4 or X8 expansion units.

5. **Power On:** Once all connections are secure, the unit will power on. A red LED indicator will illuminate to confirm power is supplied.

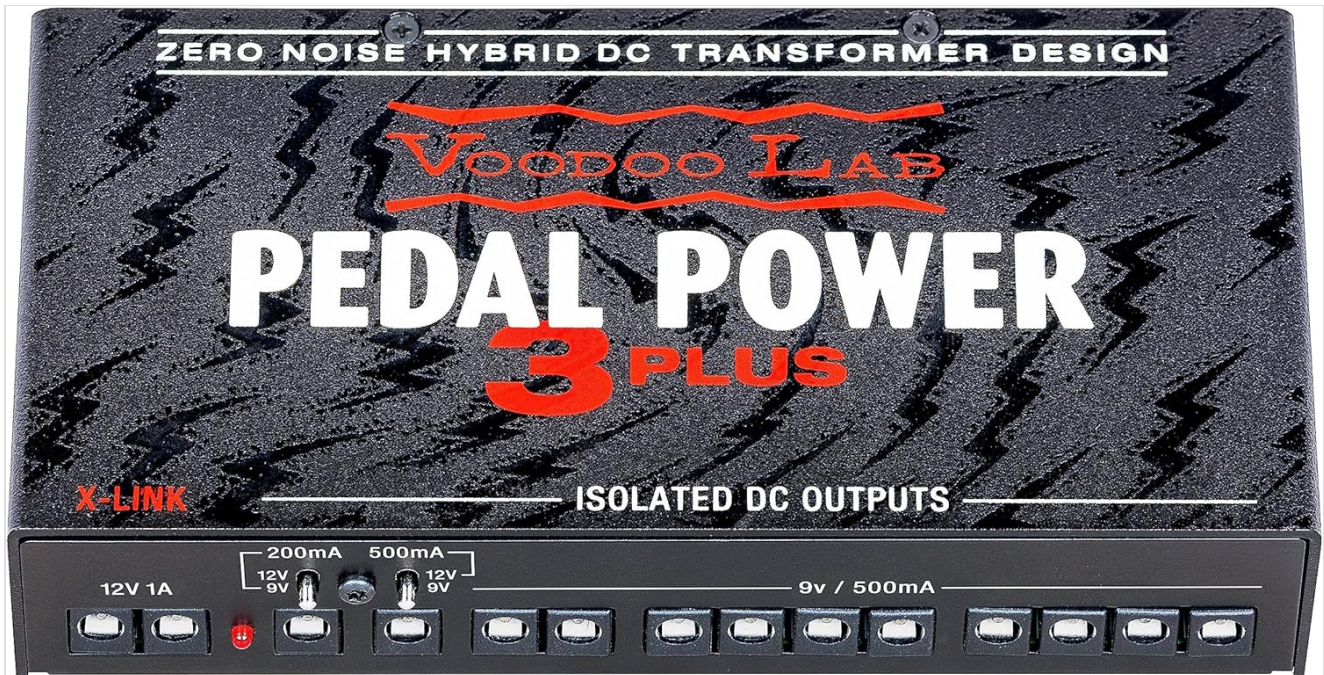


Figure 1: Front view of the Pedal Power 3 PLUS, showing the isolated DC outputs and X-LINK ports.



Figure 2: Rear view of the Pedal Power 3 PLUS, highlighting the standard IEC power input.

Operating

The Pedal Power 3 PLUS is designed for straightforward operation. Ensure your pedals' voltage and current requirements match the selected output settings.

- **Voltage Selection:** For the two switchable outputs, use the small toggle switch to select between 9V and 12V. Always verify your pedal's voltage requirement before connecting.
- **Current Draw:** All 12 outputs provide up to 500mA, which is sufficient for most modern high-current digital pedals. If a pedal requires more current than a single output provides, Voodoo Lab offers current doubler adapters (sold separately) to combine the current from two outputs.
- **Expanding Your Setup:** The X-LINK ports allow you to connect Voodoo Lab X4 or X8 expansion units. These units draw power from the Pedal Power 3 PLUS and provide additional isolated outputs, enabling you to power

a very large pedalboard from a single main power source.



Figure 3: Detail of the Pedal Power 3 PLUS outputs, illustrating the voltage selection switches and current ratings.

Maintenance

The Pedal Power 3 PLUS is built for durability and requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to clean the unit. Avoid using liquid cleaners or solvents.
- **Cable Management:** Ensure all power cables are routed neatly and securely to prevent accidental disconnections or damage.
- **Power Cord:** The unit uses a standard IEC power cord. If the cord becomes damaged, it can be easily replaced with any compatible IEC cable.
- **Storage:** When not in use, store the unit in a dry, cool environment away from direct sunlight or extreme temperatures.

Troubleshooting

If you encounter issues with your Pedal Power 3 PLUS, consider the following:

- **No Power to Pedals:**
 - Check that the AC line cable is securely connected to both the Pedal Power 3 PLUS and the wall outlet.
 - Verify that the red LED indicator on the unit is illuminated.
 - Ensure the DC power cables are correctly connected to both the Pedal Power 3 PLUS output and the pedal's input.
- **Pedal Not Functioning Correctly:**
 - Confirm that the pedal's voltage requirement matches the output voltage selected (9V or 12V).
 - Check the pedal's current draw (mA) and ensure it does not exceed the 500mA capacity of the output. For higher current needs, consider using a current doubler adapter (sold separately).
 - Ensure the polarity of the DC cable matches your pedal's requirements (standard is center negative).
- **Noise or Hum:** The Pedal Power 3 PLUS is designed for zero noise. If you experience noise, check for:
 - Faulty patch cables between pedals.
 - Ground loops in your overall setup (though isolated outputs minimize this).
 - Interference from other electrical devices.

For further assistance, refer to the Voodoo Lab website or contact their customer support.

Specifications

Model Number	PP3P
Outputs	12 Isolated DC Outputs (10 x 9V/500mA, 2 x Switchable 9V/12V/500mA)
Expansion Ports	2 x X-LINK (12V 1A) for Pedal Power X4/X8 units
Input Voltage	100-240VAC, 50/60Hz
Material	Aluminum
Product Dimensions	7" x 3.5" x 1.5" (178 x 89 x 38 mm)
Item Weight	2.25 pounds

Official Product Video

Watch this official product overview video for a visual guide to the Voodoo Lab Pedal Power 3 PLUS features and connectivity.

Warranty and Support

Voodoo Lab products are known for their quality and reliability. While specific warranty details are not provided here, Voodoo Lab typically offers excellent customer service and support for their products. If you encounter any issues or require assistance, please visit the official Voodoo Lab website or contact their customer support directly for warranty information and service options.