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› American Audio PDP-950 Instruction Manual

## American Audio PDP-950

# American Audio PDP-950 Instruction Manual

LED Dimmable Rack Light and Power Distribution Panel

Model: PDP-950 | Brand: American Audio

## INTRODUCTION

Thank you for purchasing the American Audio PDP-950 LED Dimmable Rack Light and Power Distribution Panel. This unit is designed to provide reliable power distribution and convenient rack lighting for your audio and stage equipment. It features a built-in circuit breaker for protection, a digital voltage display, dimmable LED rack lights, and a USB light port. Please read this manual thoroughly to ensure proper installation, operation, and maintenance of your PDP-950.

## IMPORTANT SAFETY INSTRUCTIONS

- Always connect the unit to a grounded power outlet.
- Do not expose the unit to rain or moisture.
- Ensure proper ventilation around the unit to prevent overheating.
- Do not attempt to service this unit yourself. Refer all servicing to qualified service personnel.
- Disconnect power before making any connections or performing maintenance.
- Do not overload the power outlets. The total current draw should not exceed 10A.
- Keep away from children.

## SETUP AND INSTALLATION

The PDP-950 is designed for standard 19-inch rack mounting. Ensure you have adequate space and proper ventilation within your rack setup.

## Rack Mounting

Secure the PDP-950 into an available 1U space in your equipment rack using appropriate rack screws. Ensure the unit is firmly mounted to prevent movement.

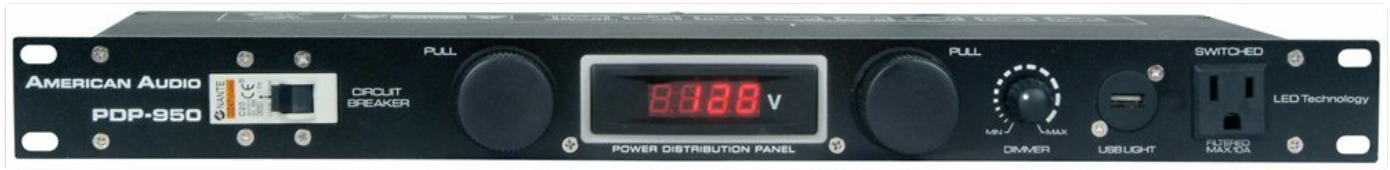


Figure 1: Front view of the American Audio PDP-950, showing the circuit breaker, voltage display, dimmer controls, and power outlets.

## Power Connection

Connect the integrated power cord from the PDP-950 to a suitable grounded AC power outlet. Verify that the power source matches the voltage requirements of the unit.



Figure 2: Angled view of the American Audio PDP-950, highlighting its compact rack-mountable design.

## Connecting Equipment

Plug your audio or stage equipment into the switched outlets located on the rear of the PDP-950. Ensure that the total current draw of all connected devices does not exceed the maximum rated output of 10A.

## OPERATING INSTRUCTIONS

### Power On/Off and Circuit Breaker

The PDP-950 features a main circuit breaker on the front panel. To power on the unit and connected equipment, ensure the circuit breaker is in the "ON" position. If an overload occurs, the circuit breaker will trip to protect the unit and connected devices. To reset, switch the breaker to "OFF" and then back to "ON" after resolving the overload condition.

### Digital Voltage Display

The central digital display shows the current input voltage, allowing you to monitor the power supply to your equipment.

### Dimmable LED Rack Lights

The PDP-950 includes two pull-out LED lights designed to illuminate your rack equipment. To extend the lights, gently pull the knobs labeled "PULL".

- **Dimmer Control:** Use the "DIMMER" knob to adjust the brightness of the LED rack lights from minimum to maximum intensity.
- **USB Light Port:** A dedicated USB port is provided for connecting an optional USB gooseneck light (not included) for additional illumination.



Figure 3: The American Audio PDP-950 in an operational setup, demonstrating the extended LED light illuminating adjacent rack-mounted equipment.

### Switched Outlets

The outlets on the rear of the unit are "SWITCHED", meaning their power is controlled by the main power switch/circuit breaker on the front panel. This allows for convenient power cycling of all connected equipment.

### MAINTENANCE AND CARE

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to wipe down the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure that the ventilation openings are not blocked. Proper airflow is crucial for preventing overheating.
- **Storage:** If storing the unit for an extended period, ensure it is in a cool, dry place, away from direct sunlight and extreme temperatures.

### TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                                      | Possible Cause                                                                   | Solution                                                                                                                                                                  |
|----------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No power to unit or connected equipment.     | Unit not plugged in.<br>Circuit breaker tripped.<br>Wall outlet not functioning. | Ensure power cord is securely plugged into a live outlet.<br>Check the circuit breaker on the front panel; reset if tripped.<br>Test the wall outlet with another device. |
| LED rack lights not illuminating.            | Lights not pulled out.<br>Dimmer knob set to minimum.                            | Gently pull out the light knobs.<br>Rotate the "DIMMER" knob clockwise to increase brightness.                                                                            |
| Digital voltage display is off or incorrect. | Unit not receiving power.<br>Internal fault.                                     | Verify power connection and circuit breaker status.<br>If problem persists, contact qualified service personnel.                                                          |

## SPECIFICATIONS

|                       |                                                                                    |
|-----------------------|------------------------------------------------------------------------------------|
| Model Number          | PDP-950                                                                            |
| Product Dimensions    | 54.61 x 27.94 x 5.08 cm (21.5 x 11 x 2 inches)                                     |
| Item Dimensions LxWxH | 54.6 x 27.9 x 5.1 Centimeters                                                      |
| Item Weight           | 3 kg 80 g (6.78 lbs)                                                               |
| Power Output          | Max 10A (Switched Outlets)                                                         |
| Rack Space            | 1U                                                                                 |
| Features              | Dimmable LED Rack Lights, Digital Voltage Display, Circuit Breaker, USB Light Port |
| ASIN                  | B000FVY0RS                                                                         |
| Date First Available  | 9 January 2016                                                                     |

## WARRANTY INFORMATION

Specific warranty details for the American Audio PDP-950 are typically provided with the product at the time of purchase or can be found on the official American Audio website. Please retain your proof of purchase for warranty claims. This warranty generally covers manufacturing defects and material flaws under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

For detailed warranty terms and conditions, please refer to the documentation included with your product or visit the manufacturer's official support page.

## CUSTOMER SUPPORT

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact American Audio customer support. Before contacting support, please have your product model number (PDP-950) and purchase information ready.

For the most up-to-date contact information and support resources, please visit the official American Audio website:

[American Audio Official Website](#)

*(Note: This link is provided as a general reference for manufacturer support. Specific support channels may vary.)*

## ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question