

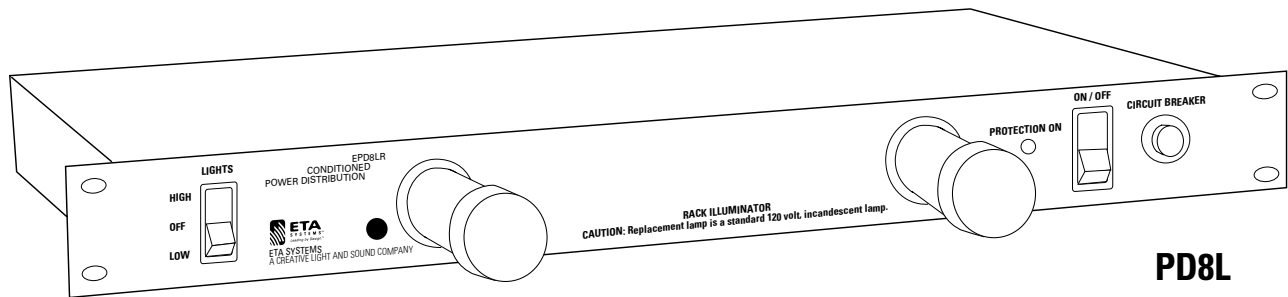
**PD8 & PD8L**  
**Conditioned Power Distribution Unit**



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**Conditioned Power Distribution Unit**



**PD8**



**PD8L**



1601 Jack McKay Blvd. • Ennis, Texas 75119 U.S.A.  
Telephone: 800-321-6699 • Fax: 800-996-3821

## INTRODUCTION

ETA Systems' line of Conditioned Power Distribution Units are designed to prevent electrical damage to sensitive electronic equipment from high amplitude/short duration spikes, random surges, and EMI/RFI noise, which is inherent in utility power lines. Power line sources which are not preconditioned or filtered can affect reliable operation of sensitive audio, computer, and other electronic equipment, and may cause premature failure, expensive repairs, or unanticipated replacement from non-repairable damage.

As inherent problems in utility AC power lines increase for various reasons, and the need for noise-free, conditioned power increases, ETA is there with the units to protect your valuable electronic equipment. With present demands on the power utilities, voltage spikes, power surges, electrical noise, and power failures are commonplace. This "garbage" in the power delivered can reduce the fidelity of audio systems, cause premature failure, or result in extensive damage or destruction of electronic equipment. ETA Conditioned Power Distribution units feature a master power switch, conveniently located on the front control panel, that switches the rear panel AC outlets ON and OFF. An LED next to the master power switch indicates the power conditioning circuitry is working and the rear panel AC outlets are powered. Maximum total wattage input is 1800 watts and the 8 power output receptacles are protected with a 15 amp (total unit) resettable circuit breaker.

**Note: The front panel LED is normally lit when the power switch is in the ON position. If the power switch is ON and the LED is not lit, power may still be present on the output AC receptacles, but the power conditioning circuitry is not working. Do not continue use of the power conditioning unit and refer trouble-shooting to a qualified electronic technician or contact ETA Customer Service for assistance.**

## EASY INSTALLATION

The PD8 and PD8L are easily mounted into a standard 19" rack or placed into a free-standing position. With the PD master power switch in the OFF position, plug the line cord into a convenient AC receptacle. Place the power switch into the ON position and check that the front panel LED is lit. The lit LED indicates conditioned and filtered AC power is connected. Then, with their master power switches in the OFF position, plug the equipment to be protected into the Power Distribution Unit's rear panel AC receptacles. Turn ON the power switches of the equipment plugged into the ETA Power Distribution Unit.

## FEATURES

- 15 Amp Input – Breaker Protected
- 8 AC Outlets
- Surge Protection Alarm
- Spike, Surge, and EMI/RFI Filtered
- Watchdog Protected Circuitry with "Go / No Go" LED Display
- Rack Illuminators (PD8L Only)
- 1RU
- 3 Year Limited Warranty



## PD8 & PD8L Conditioned Power Distribution Unit



### SPECIFICATIONS

|  |  |
|--|--|
| <b>Height:</b>                           | 1¾"  |
| <b>Width:</b>                            | 19"  |
| <b>Depth:</b>                            | 8"   |
| <b>Weight:</b>                           | 7 lbs  |
| <b>Housing Quality:</b>                  | Black Powder Coated Chassis                        |
| <b>Electrical:</b>                       | 120V, 50/60Hz, Single Phase                        |
| <b>Maximum Amps:</b>                     | 15 Amps / unit                                     |
| <b>Maximum Watts:</b>                    | 1800 Watts / unit                                  |
| <b>Spike/Surge Protection:</b>           | Line to Neutral, Neutral to Ground, Line to Ground |
| <b>Surge Protection Alarm:</b>           | Yes  |
| <b>Response Time:</b>                    | < 1 Nanosecond                                     |
| <b>Max. Clamping Voltage:</b>            | 330V   |
| <b>Max. Spike Current:</b>               | 65,000 Amps  |
| <b>Max. Surge Energy:</b>                | 1665 Joules Total (555 per leg)                    |
| <b>Noise Filter (EMI/RFI) Frequency:</b> | 150kHz -100MHz                                     |
| <b>Attenuation:</b>                      | Up to 68dB   |
| <b>Safety Listing:</b>                   | MET (UL60065 Listed)                               |



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## PD8 & PD8L Conditioned Power Distribution Unit

### LIMITED WARRANTY

All products manufactured by ETA Systems are warranted to the original dealer/installer, industrial or commercial purchaser to be free from defects in material and workmanship and to be in compliance with our published specifications, if any. This warranty shall extend from the date of purchase for a period of one year. Additionally, fuses and lamps carry no warranty. ETA Systems will solely at its discretion, replace at no charge or repair free of charge defective parts or products when the product has been applied and used in accordance with our published operation and installation instructions. We will not be responsible for defects caused by improper storage, misuse (including failure to provide reasonable and necessary maintenance), accident, abnormal atmospheres, water immersion, lightning discharge, or malfunctions when products have been modified or operated in excess of rated power, altered, serviced or installed in other than a workmanlike manner. The original sales invoice should be retained as evidence of purchase under the terms of this warranty. All warranty returns must comply with our returns policy set forth below. When products returned to ETA Systems do not qualify for repair or replacement under our warranty, repairs may be performed at prevailing costs for material and labor unless there is included with the returned product(s) a written request for an estimate of repair costs before any non-warranty work is performed. In the event of replacement or upon completion of repairs, return shipment will be made with the transportation charges collect.

EXCEPT TO THE EXTENT THAT APPLICABLE LAW PREVENTS THE LIMITATION OF CONSEQUENTIAL DAMAGES FOR PERSONAL INJURY, ETA SYSTEMS SHALL NOT BE LIABLE IN TORT OR CONTRACT FOR ANY DIRECT, CONSEQUENTIAL OR INCIDENTAL LOSS OR DAMAGE ARISING OUT OF THE INSTALLATION, USE OR INABILITY TO USE THE PRODUCTS. THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

ETA Systems does not assume, nor does it authorize any other person to assume or extend on its behalf, any other warranty, obligation, or liability. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

### SERVICE

Should your PD8 or PD8L require service, please contact the  
ETA Systems warranty department at  
1-877-689-8055, ext. 277 to obtain an RA number.

ETA Systems Tech Support can be reached at 1-800-321-6699.

Visit our web site at [www.ETAsys.com](http://www.ETAsys.com) to see other ETA Systems products.



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