



### KEY FEATURES

- 9 Total Outlets
  - 7 Rear Panel Switched Outlets
  - 1 Rear Panel Unswitched Outlet
  - 1 Front Panel Unswitched Outlet
- RFI Noise Filtering to Reduce Radio Frequency Interference
- EMI Filtering to Reduce Electromagnetic Interference
- Circuit Breaker Protection @ 15A
- Spike Suppression up to 6000V
- AC Fault Indicator
- Ground Status Indicator
- Removable IEC Power Cord with Retainer Bracket

### APPLICATIONS

The ETA-PD8A was designed to be flexible with features that allow it to be used in a variety of applications. The ETA-PD8A can be used solely for protection against voltage surges or for AC distribution. If fuzzy video or frequent static pops occur, the AC power conditioning may eliminate or reduce those inconveniences. The following are just a few examples of applications where the ETA-PD8A can be used:

- Restaurants
- Houses of Worship
- Schools
- Home Theaters
- Office Buildings
- Sports Bars

### GENERAL DESCRIPTION

The ETA-PD8A features noise filtering for unwanted Radio Frequency Interference (RFI) that is commonly introduced into AC lines by nearby radio transmitters or wireless products. EMI filters are incorporated to reduce noise from Electromagnetic Interference (EMI) from such items as electric motors and switching power supplies. The benefit of these filters can be seen on video products or audibly by reducing static pops and external signal interference.

The ETA-PD8A is unique in that the integrator can select the power cord length that is required for the installation. A removable 12' IEC power cord with a retainer bracket is supplied with the unit. A shorter or longer cord can be purchased separately if needed.

Unstable AC Mains voltage is one of the main reasons for equipment failure. The amount of energy that can be injected into the power system can be immense with voltages reaching 6kV or amperage peaks of 3000A. These spikes are very fast and usually only last for a very short period of time. The ETA-PD8A's circuitry is very fast and can suppress unwanted energy within a nanosecond response and sustain the suppression up to 2 milliseconds, thus ensuring virtually trouble free protection. The front panel also features AC fault and ground status indicators providing quick, visual reassurance the equipment is safe.

### SPECIFICATIONS

Type Power	Power Conditioner & Suppressor
Load Rating	15A
Safety Listings	ETL (UL 60065 Standard)
<b>Front Panel</b>	
Outlets	1 Unswitched
Activation Switch	Rocker with Security Cover
Indicators	AC Power On, Outlets Active, AC Fault, Ground

### Rear Panel

AC Outlets	8 Outlets Total, 7 Switched & 1 Unswitched
AC Mains IEC Power Socket	15A 1800W
Circuit Breaker	15A Resettable

### Technical Data

Max AC Mains Current	15A AC Mains Breaker
Operating Voltage	102VAC - 132VAC
Power Consumption	6 Watts
Min. Spike Clamping Voltage	460 VRMS @ 3,000A
Max. Spike Clamping Voltage	6kV
Max. Spike Clamping Resp. Time	1 nanosecond
Spike Clamping Voltage @ 100A	1250Vp for 20µs
Maximum Surge Current	6,500A
Energy Rating @ 2ms	200 Joules
Noise Attenuation RFI	10dB @ 10kHz 40dB @ 100kHz 100dB @ 10MHz
Temperature Range	5° to 35°C
Humidity Range	5% to 95% Relative Humidity

### Mechanical

Chassis Finish	Black
Mounting	Rack Mount, 19", 1 RU
Height	1.75" (1RU, 44.5mm)
Width	19" (482.6mm)
Depth	5" (127mm)
Weight	5 lbs (2.27kg)

### In the Box

Manual
IEC Power Cord 14 Gauge 12' (4M)
IEC Power Cord Retainer Bracket

### ARCHITECT & ENGINEER SPECIFICATIONS

Power conditioner shall be ETA Systems model ETA-PD8A. Power conditioner shall have 9 total outlets, 8 rear panel outlets (7 switched and 1 unswitched) and 1 front panel, unswitched outlet. Power conditioner shall include Radio Frequency and Electromagnetic filtering to reduce noise in AC lines. Power conditioner shall have circuit breaker protection at 15A. Finish shall be textured black epoxy and dimensions shall be 19"W x 5"D x 1.75"H (482.6mm x 127mm x 44.5mm) to mount into 1RU of space.