

**Surge protect 2/4/6/8 ohm & 70 volt distributed audio amplifiers from harmful transient surges traveling on outdoor speaker line pathways, reducing lockups, glitches and lightning damage.**

**Large pulses will cause catastrophic failure while smaller pulses degrade the life and reliability of systems and controls.** The TPD-AmpPro offers the highest quality speaker line protection available. Strategically protect speaker wire pathways that are driving outdoor speakers. Installing the TPD-AmpPro will reduce damage caused by surges that enter on these pathways and destroy amplifiers and receivers. The units can also be placed next to the speaker to protect the speaker. The TPD-AmpPro has a two channel (four wire) IN/OUT terminal connection.

**AV Racks  
Amplifiers  
Speakers**

*Transient Protection Design offers a broad range of surge suppression products to extend the life and reliability of electronic equipment.*



## SPECIFICATIONS

**Maximum Input Power:** 250 & 1000 Watt Max RMS/Channel

**Applications:** use on 2/4/6/8 ohm & 70-volt distributed audio speaker systems

**Design:** Multistage hybrid fail-safe design

**Primary:** 7 Amp Fuse

**Secondary:** 100 Volt Varistor Array

**Warranty:** 3-Year Unlimited Free Replacement

**Strength:** 3000 amps/pair

**Mode of Protection:** Line-line, line-ground

**Response Time:** < 1 nanosecond

**Number of Protected Pairs (Wires):** 1-2 pair (2-4 wire)

**Dimensions:** 3.94"H x 1.40"W x 2.28"D

**Enclosure Type:** Polycarbonate Rated V-0. Must be used indoors or protected from weather in watertight enclosure.

**Connection Method:** Screw terminal connector; #12-22 AWG

**Mounting Method:** Screw down or Din-Rail mounted. See below.

**Operating Temperature:** -40° C to 85° C (-40° F to 185° F)

**Weight:** 0.3 lbs. (0.13 kg)

## AMP PRO SPECIFICATIONS\*

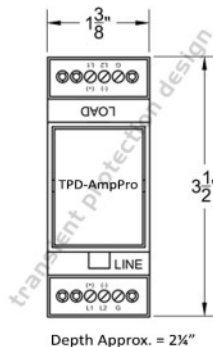
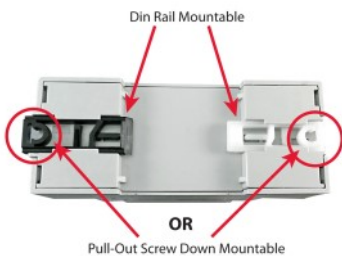
Model Number	Number Of Pairs (Wires)	Maximum Power	Maximum Operating Voltage
TPD-AmpPro-250	2 Channel 4 Wires	250 Watt Max RMS/Channel	100V (RMS)
TPD-AmpPro-1000	2 Channel 4 Wires	1000 Watt Max RMS/Channel	100V (RMS)

Specifications subject to change without notice, see web site [www.TPDSurge.com](http://www.TPDSurge.com) or latest revisions.

## COMMENTS

"We took a direct lightning strike and had speaker wires burn up right into the house. At one time we were told that nothing could be done when this happens. Without having the TPD-AmpPro in place not only would we have lost a wealth of equipment but the chance of fire was right there on that line. Just replacing the damaged wire in the house would have been a nightmare in itself but a fire in this house or any house would not be good. We are definitely sold on your product!"

"We were constantly losing the amplifier feeding the speaker at the dock and wanting to do something about it. We are pleased to let you know that we went through the entire storm season without an issue. Thanks again!"



**Sample picture of :  
(4) TPD-AmpPro-250  
which protects 8  
channels/  
outdoor speaker  
leads to amplifier or  
receiver.**