Surge Suppressor

AmpPro

TPD protector absorbs, dissipates and removes harmful transient voltages traveling on speaker cable reducing lockups, glitches and 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 TK-CT2-AmpPro has a two channel (four wire) IN/OUT terminal connection.

AV Racks
Amplifiers
Speakers

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

SPECIFICATIONS

Maximum Input Power: 250Watt Max RMS/Channel

Applications: 4/8 ohm Audio 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: High-impact, non-metallic UL 94-5V flame resistant rated. 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)

AMPPRO SPECIFICATIONS*

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

Specifications subject to change without notice, see web site www.totalprotectiondesign.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 our 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!"

Din Rail or Screw Down Mountable

Tabs slide out for screw down mounting.

3.94"
100mm

2.28"
57.9mm

1.4"
35.6mm

Sample picture of four TPD-AmpPro which protects 8 channels/outdoor speaker leads to amplifier.

Need additional assistance?
Call Technical Support
1-888-281-7856
www.totalprotectiondesign.com

*** Note:** For proper grounding and installation techniques please refer to installation manual.

© 2012 Total Protection Design, LLC. All Rights Reserved.
This document is the property of Total Protection Design, LLC. Doc# AMPPRO V12.2

TPD
total protection design™