

PTM-850 EIGHT CHANNEL POWER AMPLIFIER

The PTM-850 is a eight-channel high performance power amplifier designed for use in home theater and multiroom applications. Handcrafted in the United States to the rigorous quality and performance standards established by Audio Design Associates, the PTM-850 matches perfectly with the ADA Surround Sound Preamplifiers such as the Cinema Rhapsody or Suite 7.1.

The PTM-850 can also be used in ADA multiroom systems such as Suite 8 x 8 to power speakers in four separate zones. The PTM-850's moderate power capability make it an excellent choice for driving speakers in rooms that can be powered adequately with the 50 watts available with each channel of the PTM-850.

The PTM-850 can be triggered on and off with an external 5 Vdc to 12 Vdc trigger source. This facilitates simple one touch operation to power on the home theater or multiroom system. The streamlined design of the PTM-850 occupies only one rack space in a standard 19-inch equipment rack.

At Audio Design Associates, we have been designing and building high-performance audiophile quality components for use in custom installation applications for 25 years. We're proud to offer this exceptional power amplifier that will provide many years of trouble-free operation.

Eight Channels of Amplification

50 Watts Per Channel into 8 Ohms, Less than 0.05% THD

75 Watts Per Channel into 4 Ohms, Less than 0.1% THD

High Current Power Supply

Monolithic Output Stage

+5 to +12 Vdc Triggering for Automation

Optional Front Panel Level Meters

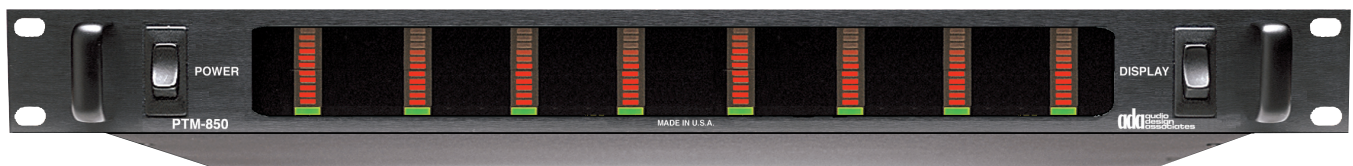
Removable IEC-65 AC Cord

Handcrafted in the U.S.A.

Low Noise Multispeed Fan Cooling

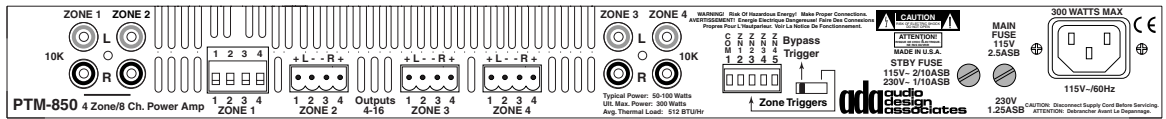
Rack Mountable; Occupies Only One Rack Space

Available in Rack Mount or Shelf Mount Chassis



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Specifications

Continuous Power Output:
50 watts, 8 Ohms, 20 Hz-20 kHz
75 watts, 4 Ohms, 20 Hz-20 kHz
THD: 20 Hz-20kHz, 8 Ohms: 0.05%
THD: 1 kHz 8 Ohms: 0.007%
IM Distortion: 0.03%
Dynamic Range: > 100 dB
S/N Ratio: >110 dB
Power Bandwidth: 5 Hz-150 kHz
Input Impedance: 10 k Ohms
Input Sensitivity: 1 V
Voltage Gain: 30 dB
Interchannel Crosstalk: >87 dB
Damping Factor: >500
DC Trigger: +9Vdc-12Vdc, 2 mA
Dimensions (H x W x D):
Inches: 1.75 x 19 x 14.5
Millimeters: 44.5 x 483 x 438
Net Weight: 17 pounds; 7.7 kilograms
Power Requirement: 300 Watts
Thermal Dissipation (BTU's/Hr): 512

Features

Eight Channels of Amplification
Ultra High Current Power Supply
350 VA Power Transformer
81,600 Power Supply Capacitance
Discrete Differential Input Stage
Complementary Driver and Output Stages
Monolithic Output Stage
Gold-Plated RCA Input Jacks
Detachable Speaker Connectors
Speaker Relay Protection
Rack Mountable; Occupies One Rack Space
Optional Front Panel Level Meters
Removable IEC AC Cord
Carry Handles
+5-12 Vdc Triggering for Automation
Selectable 120 Vac or 230 Vac Operation
Low Noise Fan for Long Term Reliability

FOUNDING

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Features and specifications subject to change without notice.