

# PTM-8150 EIGHT CHANNEL POWER AMPLIFIER

The PTM-8150 is an eight-channel high performance power amplifier designed for use in home theater and multiroom applications. The high-current, design of the PTM-8150 can effortlessly drive even the most complex speaker loads. Handcrafted in the United States to the rigorous quality and performance standards established by Audio Design Associates, the PTM-8150 matches perfectly with the ADA Surround Sound Preamplifiers such as the Cinema Reference or Cinema Rhapsody.

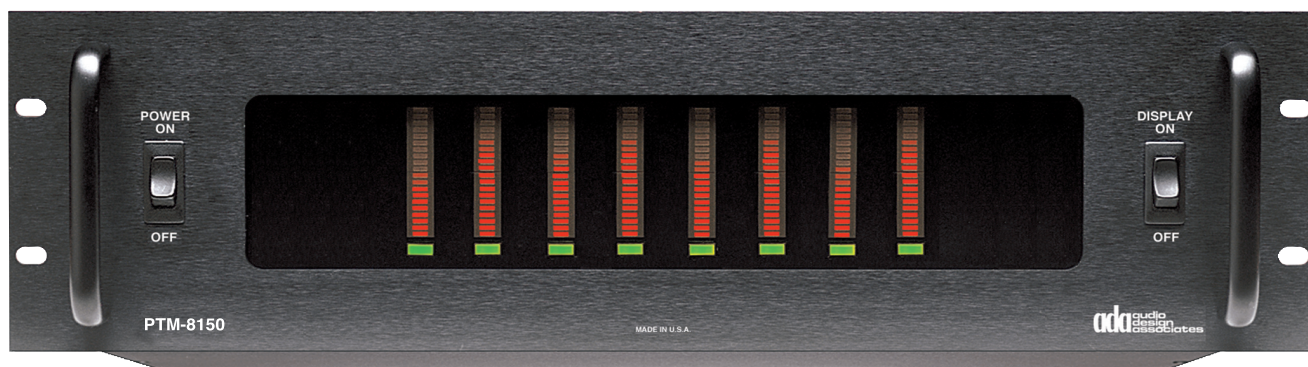
The PTM-8150 can also be used to in ADA multiroom systems such as the Suite 16 and Suite 8 x 8 to power speakers in four separate zones. The PTM-8150's high power capability make it an excellent choice for driving speakers in rooms that can benefit from the amplifier's higher power rating.

The PTM-8150 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 rack mount design and detachable rear panel connectors facilitate installation of the PTM-8150 into a standard 19-inch equipment rack. The amplifier's built in cooling fan helps maintain long-term reliability.

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.

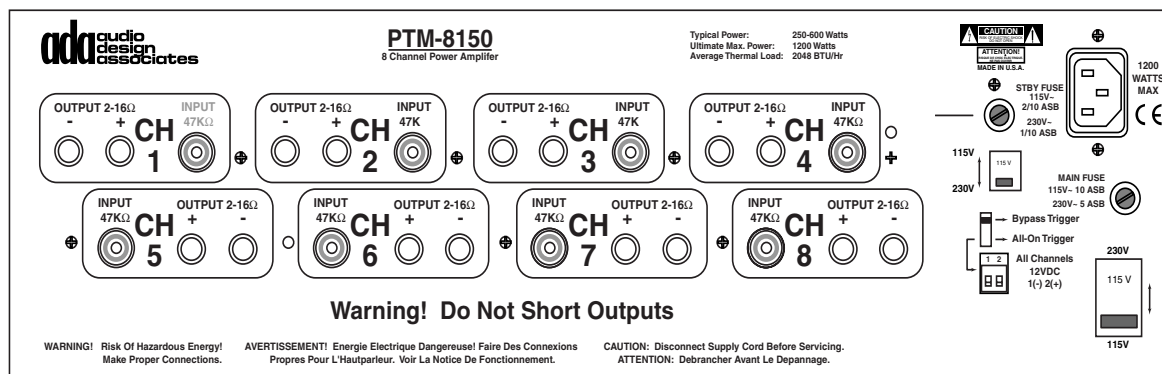
---

Eight Channels of Amplification  
150 Watts Per Channel into 8 Ohms, Less than 0.08% THD  
250 Watts Per Channel into 4 Ohms, Less than 0.1% THD  
Stable 2 Ohm Operation  
High Current Power Supply  
Discrete Complementary Driver and Output Stages  
High-Bias Class A/B Operation  
+5-12 Vdc Triggering for Automation  
Optional Front Panel Level Meters  
Removable IEC-65 AC Cord  
Handcrafted in the U.S.A.  
Low Noise Fan Cooling  
Available in Rack Mount or Shelf Mount Chassis



**ada** audio  
design  
associates

# PTM-8150 EIGHT CHANNEL POWER AMPLIFIER



## Specifications

Continuous Power Output:  
150 watts, 8 Ohms, 20 Hz-20 kHz  
250 watts, 4 Ohms, 20 Hz-20 kHz  
THD: 20 Hz-20kHz 8 Ohms: 0.01%  
THD: 1 kHz 8 Ohms: 0.006%  
IM Distortion: 0.03%  
Dynamic Range: > 100 dB  
S/N Ratio: >110 dB  
Power Bandwidth: 5 Hz-150 kHz  
Input Impedance: 47 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: 5.25 x 19 x 17.25  
Millimeters: 133 x 483 x 438  
Net Weight: 58 pounds; 26.3 kilograms  
Power Requirement: 1200 Watts  
Thermal Dissipation (BTU's/Hr): 2048

## Features

Eight Channels of Amplification  
Ultra High Current Power Supply  
1500 VA Power Transformer  
188,000 Power Supply Capacitance  
Discrete Differential Input Stage  
Complementary Driver and Output Stages  
High Frequency/High SOA Output Devices  
Gold-Plated RCA Input Jacks  
Dual Banana Speaker Connectors  
Speaker Relay Protection  
Rack Mountable; Occupies Three Rack Spaces  
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

HANDCRAFTED WITH PRIDE IN



**The United States**  
of America

*Features and specifications subject to change without notice.*

**ada** audio  
design  
associates

FOUNDING  
**CEDIA**  
MEMBER