



HTD8150 8 Channel HT Amplifier

The HTD8150 can easily achieve the reference cinema sound levels of 105dB from all channels. Rated at 175 Watts per channel, all channels driven (not just one channel, as stated by most competitors) into 4 Ohms. Used with typical speakers, this allows for a sound-pressure level of 109-112dB, 4-7dB more than required for reference sound levels. The additional dB's means the amplifier is working well within its normal range, and this keeps the distortion low. (A good example of this is turning your TV up too much - it does not sound good. This is because the closer you get to full power the higher the distortion.) With this amplifier at 105dB, the distortion is below 0.02%.

SPECIFICATIONS

- OUTPUT POWER (RMS) @ 0.1% THD (Single Channel):
4 Ohms: 150W 8 Ohms: 85W
- OUTPUT POWER (RMS) @ 1% THD (Single Channel):
4 Ohms: 200W 8 Ohms: 120W
- ALL CHANNEL OUTPUT POWER (RMS) @ 0.1% THD:
4 Ohms: 130W 8 Ohms: 75W
- ALL CHANNEL OUTPUT POWER (RMS) @ 1% THD:
4 Ohms: 175W 8 Ohms: 100W
- Bridged Rating (RMS) @ 1% THD (Single Channel):
8 Ohms: 400W
- Frequency Response: 12-30kHz
- Signal to Noise Ratio (A-weighted): 105 dB
- Damping Factor (1kHz, 8 Ohms): 90
- Idle Current: 0.22 Amps
- Max Current @ All Channels Rated Power: 12.1 Amps
- Efficiency of Amplifier: 88%
- Amplifier Type: D
- Transformer Type: SMPS
- Air-Cooled or Fan-Cooled: Fan
- 12 Volt Triggers: Yes
- Auto-On Sensing: No
- Sub-Out: Yes
- Power Supply: 110/120 or 220/240V
- Rack Mountable: Yes
- Dimensions: (LxWxH): 15.16" x 16.81" x 3.46"
- Weight: 8.6 lbs
- Certification: CE/UL