



Triad 70V/8-ohm DSP Amplifier

TS-HAMP3-1000, TS-HAMP3-1500

Designed for professional-grade installations and premium outdoor audio experiences, Triad's first-ever Hybrid Amplifiers have set a new standard in power, flexibility, and ease of use. Delivering 1000W and 1500W per channel, it outperforms competitive models with reliable power output. A state-of-the-art, full-color LED user interface makes setup faster and more intuitive, reducing time and complexity.

With its versatile 3-channel configurations, perfect for dual subwoofers, stereo walking zones, or power-bridged systems, and full compatibility with the new Triad outdoor products coming soon, this amplifier is built to scale with your vision.



Configuration Flexibility

Deliver exceptional performance for extensive speaker setups. With 3 configurable output channels, it supports 70V, 8-ohm, and hybrid configurations, such as dual subwoofer systems, dual satellite channels (walking stereo), or power-bridging/bridged single subwoofer systems.



Customizable Inputs & Outputs

Accommodate a variety of source levels, from mic level to line level and pro audio. Intuitive UI and WebUI adjust the input gain settings as needed for each source, ensuring a quick and tailored setup for each project.



Industry-Leading Power

Bring greater install opportunities for large-scale installations that require more power. The 1000W and 1500W per channel offerings support macro systems with superior audio performance and clarity.

Individual Product Specifications	TS-HAMP3-1000	TS-HAMP3-1500
Circuit Requirements	North America: 20-Amp (110 - 120V / 60Hz), International: 10-Amp (230-240V / 50Hz)	North America: 20-Amp (110 - 120V / 60Hz)
Channels	3	3
Power Output	500W per channel @ 8 ohm 1000W per channel @ 4 ohm 2000W per channel @ 2 ohm 1000W per channel @ 70V 1000W per channel @ 100V (230VAC only)	750W per channel @ 8 ohm 1500W per channel @ 4 ohm 3000W per channel @ 2 ohm 1500W per channel @ 70V 1500W per channel @ 100V (230VAC only)
Network Standby Power	1.14W	1.14W
Deep Sleep Standby Power	0.4W	0.46W
Sensitivity Input	2Vrms, max power	2Vrms, max power
Impedance Input	RCA Analog input: 20kΩ Balanced Analog input: 101Ω Digital Coax Input: 101Ω	RCA Analog input: 20kΩ Balanced Analog input: 101Ω Digital Coax Input: 101Ω
Signal to Noise Ratio	96dB A-weighted @ 2Vrms	96dB A-weighted @ 2Vrms
Total Harmonic Distortion (THD)	<1%, 22kHz BW at 1W and Full Power	<1%, 22kHz BW at 1W and Full Power
Frequency Response	± .5dB at 1/8th power (20Hz to 20kHz)	± .5dB at 1/8th power (20Hz to 20kHz)
Inputs	AC Power: 100-240VAC auto-switching, 3-prong IEC C20 AC Inlet Network: RJ-45 jack, 10/100Mbps Digital Audio: Coax RCA Bal. Analog Audio: 3x3 position Phoenix-style pluggable screw term Block Analog RCA: White jack (L Ch), Red jack (R Ch)	AC Power: 100-240VAC auto-switching, 3-prong IEC C20 AC Inlet Network: RJ-45 jack, 10/100Mbps Digital Audio: Coax RCA Bal. Analog Audio: 3x3 position Phoenix-style pluggable screw term Block Analog RCA: White jack (L Ch), Red jack (R Ch)
Outputs	Spkr. Output: 4pos Phoenix-style pluggable screw term block(12-18AWG) Dig. Audio Loop Through: Coax RCA Bal. Analog Audio Loop Through: 3x2 position Phoenix-style pluggable screw term block Analog RCA Loop Through: White jack (L Ch), Red jack (R Ch)	Spkr. Output: 6pos Phoenix-style pluggable screw term block(12-18AWG) Dig. Audio Loop Through: Coax RCA Bal. Analog Audio Loop Through: 3x2 position Phoenix-style pluggable screw term block Analog RCA Loop Through: White jack (L Ch), Red jack (R Ch)
12V Trigger	3.5mm mono jack input + 3.5mm mono jack output	3.5mm mono jack input + 3.5mm mono jack output
IR	3.5mm mono jack input + 3.5mm mono jack loop out	3.5mm mono jack input + 3.5mm mono jack loop out
Color	Black	Black
Dimensions (W x H x D)	17" x 3.5" x 16.5"	17" x 3.5" x 16.5"
Rack Spacing	2U	2U
Weight	15.5 lbs	16.7 lbs