

POWER AMPLIFIER

TS-PAMP8-125-V2 & TS-PAMP4-125-V2



TS-PAMP8-125-V2, TS-PAMP4-125-V2

The Triad Power Amplifiers have been completely redesigned to bring crystal clear, robust sound to your customer's home, while providing maximum reliability for years to come. Boasting 25% more power than the previous generation, the 125W per channel output will deliver even more dynamic, distortion-free sound throughout the home, while bridgeable outputs provide twice the power for outdoor zones or larger installs.

- All new audiophile grade IcePower amplifier modules provide 125W per channel of dynamic, crystal clear audio in a compact 1RU form factor
- New and improved power supply with Power Factor Control (PFC) Technology ensures plenty of wattage on tap for power hungry subwoofers or high output speakers
- Bridgeable outputs provide double the power for areas that require more power
- Fast wake-from-standby using 12V trigger for time-sensitive audio announcements and quick audio-zone startup
- Three power mode control options — 12V trigger, audio sensing, or always on
- Each zone can be independently linked to the global audio input to share one input across multiple zones
- Share an audio source across multiple power amplifiers with the global audio output
- Over-current and thermal protections prevent damage due to short circuits, incorrect wiring, or heat
- Rack mount ears included

SPECIFICATIONS

<u>GENERAL</u>		
Triad Power Amplifier	TS-PAMP8-125-V2	TS-PAMP4-125-V2
Audio inputs	8 stereo, RCA style	4 stereo, RCA style
Global audio input	1 stereo analog (shared with zone 1 input)	1 stereo analog (shared with zone 1 input)
Global audio output	1 stereo analog (from shared zone 1 input)	1 stereo analog (shared with zone 1 input)
Zone speaker outputs	8 stereo outputs	4 stereo outputs
Global input	8 x 2-position dip switches	4 x 2-position dip switches
Bridge mode	8 x 2-position dip switches	4 x 2-position dip switches
12V trigger control	1 x 3.5 mm (in) 1 x 3.5 mm (out)	1 x 3.5 mm (in) 1 x 3.5 (out)
Power mode switch	1 x 3-position switch—always on, 12V, or audio sense	1 x 3-position switch—always on, 12V, or audio sense
Wake from standby	<2 seconds with 12V trigger -3 seconds with audio sense	<2 seconds with 12V trigger -3 seconds with audio sense
Standby power consumption	Less than 0.50W	Less than 0.50W
<u>RATED WATTAGE</u>		
2 channels driven	125W per channel @ 4 Ω 65W per channel @ 8 Ω	125W per channel @ 4 Ω 65W per channel @ 8 Ω
Minimum impedance	2.5 Ω	2.5 Ω
<u>AUDIO</u>		
Frequency response	± 0.4 dB, 10 Hz - 20 kHz, all loads	± 0.4 dB, 10 Hz - 20 kHz, all loads
Dynamic range	110 dBA, SE, 115 dBA BTL	110 dBA, SE, 115 dBA BTL
Idle noise	45 μ V, A-weighted, 20 Hz - 20 kHz, SE	45 μ V, A-weighted, 20 Hz - 20 kHz, SE
Upper bandwidth, -3 dB	100 kHz, 4 Ω , SE	100 kHz, 4 Ω , SE
Input impedance	47 k Ω f=1 kHz	47 k Ω f=1 kHz
Output serial impedance	42 k Ω f \leq 1 kHz, SE	42 k Ω f \leq 1 kHz, SE
THD	0.003%, 4 Ω , SE, f=100 Hz, Po=1W	0.003%, 4 Ω , SE, f=100 Hz, Po=1W
<u>POWER</u>		
AC mains power	Universal mains 100 - 240VAC 50 - 60 Hz	Universal mains 100 - 240VAC 50 - 60 Hz
Fuse rating	6.3A	6.3A
Power connection	IEC 320 C13 power connector with 3-pole detachable power cord	IEC 320 C13 power connector with 3-pole detachable power cord

SPECIFICATIONS CONT.

<u>THERMAL</u>		<u>8-ZONE</u>	<u>4-ZONE</u>
Operating temperature		32°F – 113°F (0°C – 45°C)	32°F – 113°F (0°C – 45°C)
Humidity		5% to 95% non-condensing	5% to 95% non-condensing
Storage		-4°F – 158°F (-20°C – 70°C)	-4°F – 158°F (-20°C – 70°C)
Thermal dissipation		Three fans mounted in the left side	Three fans mounted in the left side
Thermal dissipation (heat losses)		0.23W / 0.8 BTU/hr (standby)	0.23W / 0.8 BTU/hr (standby)
		40W / 136.5 BTU/hr (idle, all channels)	40W / 136.5 BTU/hr (idle, all channels)
		100W / 341 BTU/hr (max output, all ch. driven)	100W / 341 BTU/hr (max output, all ch. driven)
<u>MISCELLANEOUS</u>		<u>8-ZONE</u>	<u>4-ZONE</u>
Mains switch w/ changeable fuse		Yes	Yes
Speaker outputs		8 x 4-position Phoenix-style connectors	4 x 4-position Phoenix-style connectors
Input gain potentiometer		1 for each zone	1 for each zone
Clip indicator LEDs		1 for each zone (back panel)	1 for each zone (back panel)
H x W x D (with feet)		2.13 x 17.5 x 11.44" (5.3 x 44 x 29 cm)	2.13 x 17.5 x 11.44" (5.3 x 44 x 29 cm)
H x W x D (without feet)		1.75 x 17.5 x 11.44" (4.4 x 44.5 x 29 cm)	1.75 x 17.5 x 11.44" (4.4 x 44.5 x 29 cm)
Front panel power LED		1 x blue LED	1 x blue LED
Front panel zone status LED		1 RGB LED for each zone	1 RGB LED for each zone

REGULATORY/SAFETY INFORMATION

To review regulatory information for your particular Triad products, see the information located on the Triad website at <https://www.control4.com/docs/regulatory>.

WARRANTY

Limited 2-year Warranty. Go to <https://www.snapav.com/shop/en/snapav/snapav-warranty> for details.