# TRIAD 4-ZONE POWER AMPLIFIER



### **TRIAD 4-ZONE POWER AMPLIFIER**

The Triad 4-Zone Power Amplifier is a highperformance, whole-home audio amplifier that provides high-resolution music playback in a compact form factor—the perfect solution for distributed audio systems. Designed around time-tested and reliable ICEpower technology, the 4-Zone Power Amplifier delivers 100 watts per channel and is bridgeable to 200 watts for installations where more power is needed. Superior audio quality and fast wake-from-standby make this amplifier ideal for every audio enthusiast's home.

Use Triad Power Amplifiers with Triad speakers, Triad Audio Matrix Switches, and Control4 Entertainment and Automation Controllers to deliver a fantastic high-resolution audio experience throughout the home.

#### **FEATURES**

• Powerful 100W per channel driven by ICEpower modules delivers a dynamic, highresolution audio experience

- Bridgeable outputs provide double the amplification for areas that require more power
- Class-D amplification runs cool allowing you to stack one amplifier on top of another
- Three power mode control options—12V trigger, audio sensing, or always on
- Fast wake-from-standby using 12V trigger for time-sensitive audio announcements and quick audio-zone startup
- Standby mode saves energy when not in use
- Each zone can be independently linked to the global audio input to share one input across multiple sets of speakers
- Share an audio source across multiple power amplifiers using the global audio output
- Over-current and thermal protections prevent damage due to short circuits, incorrect wiring, and heat
- Rack-mount ears included



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## SPECIFICATIONS

1	GENERAL	
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	Audio inputs	4 stereo, RCA style
	Zone speaker outputs	4 stereo, phoenix connector
ZONE	12V trigger control	1 × 3.5 mm (in), 1 × 3.5 mm (out)
OUTPUTS	Global audio input/output	1 stereo analog (shared with zone 1 input)
	Global input dip switches	4 × 2-position dip switches
	Bridge mode dip switches	4 × 2-position dip switches
	Power mode switch	1 × 3-position switch (always on, 12V, audio sense)
	Wake from standby	<2 seconds with 12V trigger, ~3 seconds with audio sense
	RATED WATTAGE PER CHANNEL	
	2 channels driven	100W per channel @ 4 $\Omega$ , 50W per channel @ 8 $\Omega$
o	RATED WATTAGE PER BRIDGED OUTPUT	
	1 bridged output	200W @ 8 Ω
	'	
	AUDIO	
	Frequency response	±0.4 dB, 10 Hz - 20 kHz, all loads
	Idle noise	45 uV, A-weighted, 20 Hz - 20 kHz, SE
	THD	0.003%, 4 Ω, SE, f=100 Hz, Po=1W
	Dynamic range	110 dBA stereo, 115 dBA bridged
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	THERMAL	
	Operating temperature	32 °F ~ 113 °F (0 °C ~ 45 °C)
	Humidity	5% to 95% non-condensing
	Storage	-4 °F ~ 158 °F (-20 °C ~ 70 °C)
	Thermal dissipation	Three fans mounted on left side
Bauoce Contraction of	Thermal dissipation (heat losses)	0.23W / 0.8 BTU/hr (standby), 100W / 341 BTU/hr (max)
	MISCELLANEOUS	
	AC mains power	Universal mains 100 - 240VAC, 50 - 60 Hz, 130W
	Fuse rating	6.3A
<u>≈</u> ≣© • ©	H × W × D (with feet)	2.13 × 17.5 × 11.44" (5.4 × 44.5 × 29.0 cm)
≅ 5	$H \times W \times D$ (without feet)	1.75 × 17.5 × 11.44" (4.4 × 44.5 × 29.0 cm)
0	Front panel power LED	1 × blue LED
	Front panel zone status LED	1 RGB LED for each zone
0-60Hz 10	Clip indicator LEDs	
		1 for each zone (back panel)
C FOWER 100V-200V-50-60Hr (16)	Input gain potentiometer	1 for each zone
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	PRODUCT NUMBER	
	Triad 4-Zone Power Amplifier	<u>TS-PAMP4-100</u>