

TRIAD 8-ZONE POWER AMPLIFIER



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The Triad 8-Zone Power Amplifier delivers high performance, reliability, and robust amplification for the whole home in a compact form factor—providing the perfect solution for distributed audio systems. Designed around time-tested and reliable ICEpower technology, the 8-Zone Power Amplifier delivers 100 watts per channel of high-resolution audio. 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 EA Series Entertainment and Automation Controllers to deliver a fantastic high-resolution audio experience throughout the home.

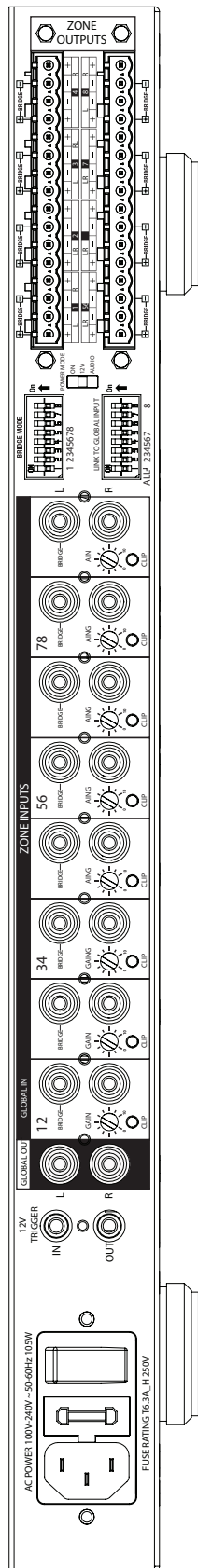
FEATURES

- Powerful 100W per channel driven by ICEpower modules to deliver a dynamic, high-resolution 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
- 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
- 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, or heat
- Rack-mount ears included

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SPECIFICATIONS



GENERAL

Audio inputs	8 stereo, RCA style
Zone speaker outputs	8 stereo, phoenix connector
12V trigger control	1 × 3.5 mm (in), 1 × 3.5 mm (out)
Global audio input/output	1 stereo analog (shared with zone 1 input)
Global input dip switches	8 × 2-position dip switches
Bridge mode dip switches	8 × 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 Ω, 50W per channel @ 8 Ω
8 channels driven	50W per channel @ 4 Ω, 50W per channel @ 8 Ω
All channels driven	25W per channel @ 4 Ω, 25W per channel @ 8 Ω

RATED WATTAGE PER BRIDGED OUTPUT

1 bridged output	200W @ 8 Ω
2 bridged outputs	160W per channel @ 8 Ω
4 bridged outputs	100W per channel @ 8 Ω
8 bridged outputs	50W per channel @ 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

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
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
H × W × D (with feet)	2.13 × 17.5 × 11.44" (5.4 × 44.5 × 29.0 cm)
H × W × D (without feet)	1.75 × 17.5 × 11.44" (4.4 × 44.5 × 29.0 cm)
Front panel power LED	1 × blue LED
Front panel zone status LED	1 RGB LED for each zone
Clip indicator LEDs	1 for each zone (back panel)
Input gain potentiometer	1 for each zone

PRODUCT NUMBER

Triad 8-Zone Power Amplifier	TS-PAMP8-100
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