

# TRIAD 4-ZONE POWER AMPLIFIER



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The Triad 4-Zone Power Amplifier is a high performance, 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, 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
- 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

# Specifications



## GENERAL

Audio inputs	4 stereo, RCA style
Zone speaker outputs	4 stereo, phoenix connector
12V trigger control	1 x 3.5 mm (in), 1 x 3.5 mm (out)
Global audio input/output	1 stereo analog (shared with zone 1 input)
Global input dip switches	4 x 2-position dip switches
Bridge mode dip switches	4 x 2-position dip switches
Power mode switch	1 x 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
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## RATED WATTAGE PER BRIDGED OUTPUT

1 bridged output	200W @ 8 Ω
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## 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)	0.25W / 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 x W x D (with feet)	2.13 x 17.5 x 11.44" (5.4 x 44.5 x 29.0 cm)
H x W x D (without feet)	1.75 x 17.5 x 11.44" (4.4 x 44.5 x 29.0 cm)
Front panel power LED	1 x 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 4-Zone Power Amplifier

[TS-PAMP4-100](#)

## PRODUCT PAGE



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