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
### TRIAD 4-ZONE POWER AMPLIFIER

#### SPECIFICATIONS

**GENERAL**
- **Audio inputs**: 4 stereo, RCA style
- **Zone speaker outputs**: 4 stereo, phoenix connector
- **12V trigger control**: 1 × 3.5 mm (in), 1 × 3.5 mm (out)
- **12V 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 Ω, 50W per channel @ 8 Ω

**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

**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 4-Zone Power Amplifier**: TS-PAMP4-100

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