TDG AUDIO

VITRU4

4 Channel Amplifier

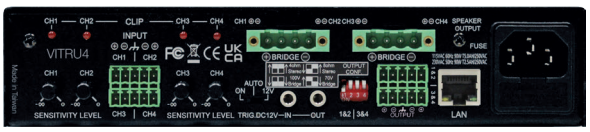
At the heart of every great audio system is a power amplifier. It's what brings the system to life. TDG Audio amplifiers are carefully designed and engineered to provide incredible acoustics while performing reliably. The TDG Audio team has decades of experience in amplifier design and has put all of their experience into this outstanding line of amplifiers. Each part of the amplifier has been carefully considered and built for the best possible performance. That's why in many models where others would use digital power supplies we have chosen toroidal copper power supplies. That's also why while others manufacture in large scale facilities we instead choose a smaller manufacturing partner that only does amplifiers and has a decades long history of manufacturing some of the best amplifiers ever made. We back all of this confidence in our performance and reliability with a unique 5-year warranty.

KEY FEATURES

- Amplifier channels: 4 channels
- 1U Rack Height (Can be mounted side by side)
- Versatility: Suitable for 8ohm or 70/100V applications
- Includes Rack Ears & Side by Side Adaptor
- Complete 4x4 Matrix
- Integrated DSP: 28-/56-bit, 50 MIPS
  HPF, 3 PEQs per channel, mixer limiter
- Universal AC Power: 115/230V or 50Hz/60Hz
- Power Supply Topology: SMPS
- **5 YEAR PARTS & LABOR WARRANTY**

MECHANICAL

- Dimensions:
  8.46(W) x 1.73(H) x 9.45(D) (inches)
  215(W) x 44(H) x 240(D) (mm)
- Weight: 4.4LBS (2.0Kg)

SPECIFICATIONS

- Power Output: 120 watts x4 @1KHz/4ohm
  120 watts x4 @1KHz/8ohm
  240 watts (bridged) x2 @1KHz/8ohm
  240 watts (bridged) x2 @1KHz/70V
  240 watts (bridged) x2 @1KHz/100V
- Signal-to-Noise Ratio: ≥ 96dB (A-weighted) @1KHz/100V
- THD+N: <1% @1KHz/rated power
- Frequency Response: 20Hz to 20KHz ± 2dB
- Crossovers: 12dB/oct
- Crosstalk: －80dB (@70V 1KHz Zone 1/Zone 2)
- Amplifier gain: selectable
- Analog Inputs: Sensitivity Attenuation
  0dBV ~ ∞ Impedance 22K ohms
  Type 2x Phoenix 5-pin
- Outputs: 2x Phoenix 4-pin
- Indicators (LEDs): (Front) Signal, Limit/Protection ,(Back) CLIP
- Power amplifier: class-d amp
- Control Interface: 10/100M Ethernet
- Protections: Overpower, Over-current, Over-temperature, Soft-start protections, etc.
- Display: None
- AC power requirements: Idle: 18W~18.5W
  1/8 rated power: 92W
  Full power: 750W
- Fuse Rating on back panel: T5AH/250V