

# DigiMod<sup>â</sup> 500-1000

High Efficiency 1 or 2 Channels Digital Amplifier Module  
For Professional Applications

## POWER REQUIREMENTS

European models ..... AC 195V , 250V, 50/60 Hz  
Other models ..... AC 95V , 125V, 50/60 Hz  
Weight .....1.1 Kg  
External dimensions ... .....216mm (W), 122mm (D), 51mm (H)

## AUDIO SECTION

Slew Rate (8 $\Omega$ ) ..... 50V/ $\mu$ S  
S/N ratio ..... >105 dB/A  
Distortion ..... <0.5% (THD, DIM, SMPTE)  
Inputs Impedance..... 10 K $\Omega$  Balanced to ground  
Gain ..... 32 dB  
Output ..... Unbalanced to ground  
Bandwidth ..... 10 Hz - 30KHz  
Damping factor 8 $\Omega$ : ..... 100 Hz > 500  
1KHz > 200  
10 KHz > 100

## POWER SPECIFICATIONS (measured at 230V AC)

### DigiMod500

Power continuous  
(1KHz, 0.5% THD).....4 $\Omega$  = 450 W 8 $\Omega$  = 260 W

Power EIAJ  
(1KHz, 1% THD).....4 $\Omega$  = 530 W 8 $\Omega$  = 280 W

### DigiMod1000

Power continuous  
(1KHz, 0.5% THD)  
both channels driven.....4 $\Omega$  = 390 W 8 $\Omega$  = 240 W

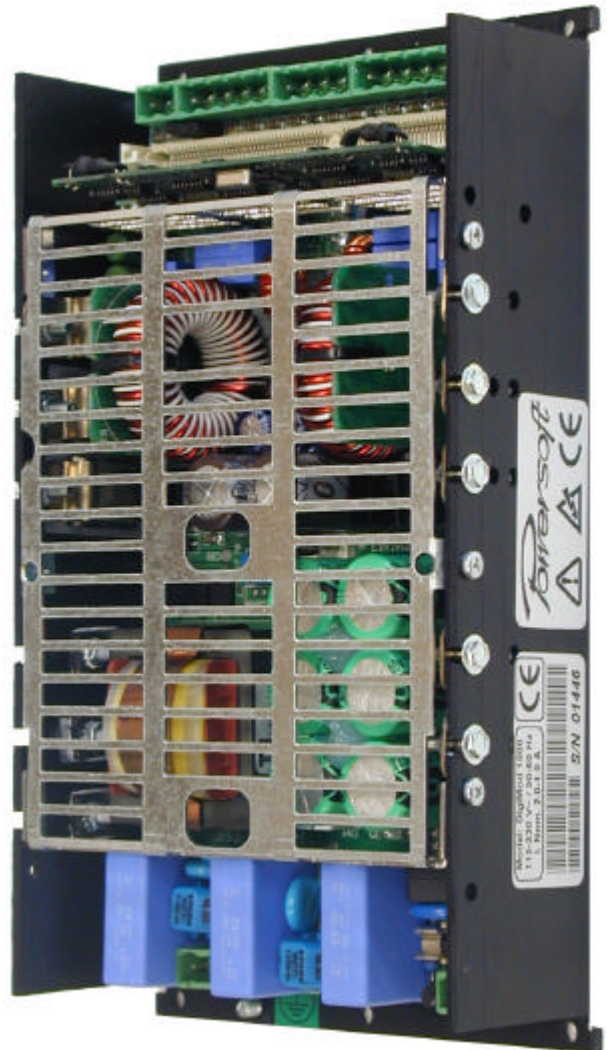
Power EIAJ  
(1KHz, 1% THD)  
both channels driven.....4 $\Omega$  = 500 W 8 $\Omega$  = 260 W  
Bridged .....8 $\Omega$  = 1000 W 16 $\Omega$  = 520 W

## FUNCTIONS

- Thermal protection (over-temperature power limiting, thermal shutdown)
- Short-circuit / overload output protection
- Clip limiter, Permanent signal limiter, High frequency protection
- Auxiliary output voltage ( $\pm$ 12V regulated , 200mA )
- Bypass line outputs for external active/passive filters
- Mute command
- Temperature controlled Fan output
- DSP based or Analog processing plugin optional boards

## APPLICATIONS

- Active loudspeakers
- Amplified mono/stereo mixers
- Modular mono/stereo amplifiers
- Active studio monitor speakers
- Multi amplification systems



All specification or functions subject to change without notice  
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