

DigiMod® 1500

**High Efficiency 2 Channels Digital Amplifier Module
For Professional Applications**

preliminary

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 (8Ω) 50V/uS input filter bypassed
 S/N ratio >105 dB/A
 Distortion <0.5% (THD, DIM, SMPTE)
 Inputs Impedance 10 KΩ Balanced to ground
 Gain 32 dB
 Output Unbalanced to ground
 Bandwidth 10 Hz - 30KHz
 Damping factor 8Ω: 100 Hz > 500
 1KHz > 200
 10 KHz > 100

POWER SPECIFICATIONS (measured at 230V AC)

DigiMod1500

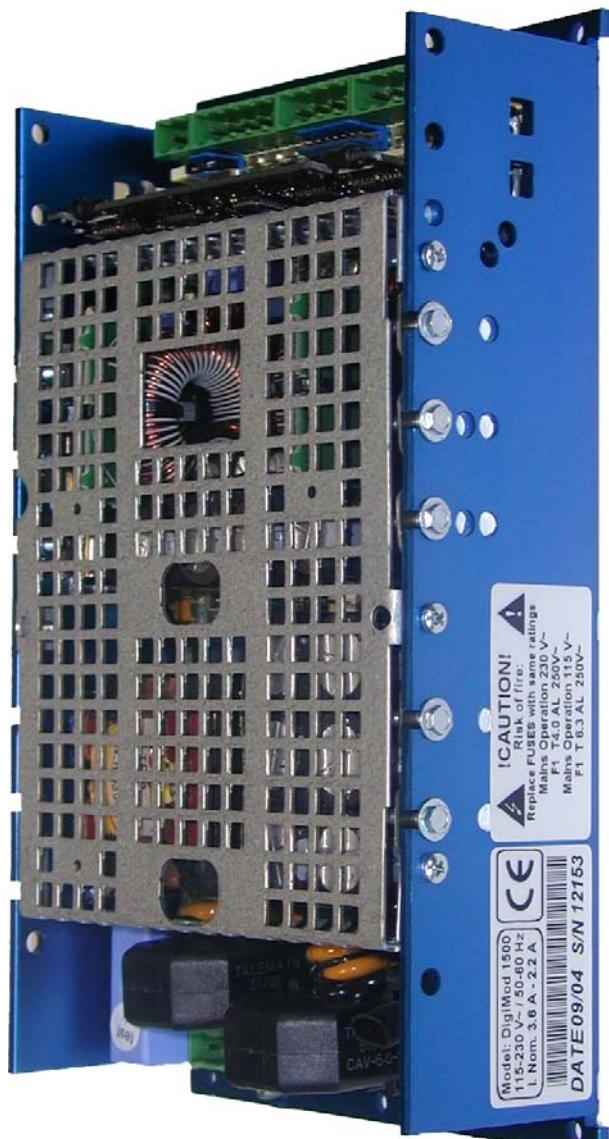
Power continuous
 (1KHz, 0.5% THD)
 both channels driven.....4Ω = 540 W 8Ω = 340 W
 Power EIAJ
 (1KHz, 1% THD)
 both channels driven.....4Ω = 750 W 8Ω = 370 W
 Bridged8Ω = 1500 W 16Ω = 740 W

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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