

DigiMod^â 1000 NPS

**High Efficiency 2 Channels Digital Amplifier Module
Without Power Supply For Professional Applications**

POWER REQUIREMENTS

Power bus..... Dc +/- 75 V (7 A)
Auxiliary supply..... Dc +15V (0.5 A) / -15 V (0.2 A) / +5V (0.5 A)
All requirements are provided by a master
DigiMod 500 or DigiMod 1000 thru slave connector
Weight 0.6 Kg
External dimensions ... 146 mm (W), 122 mm (D), 51 mm (H)

AUDIO SECTION

Slew Rate (8 Ω) 50V/ μ S
S/N ratio >105 dB/A
Distortion <0.5% (THD, DIM, SMPTE)
Inputs Impedance..... 10 K Ω Balanced to ground
Gain 32 dB
Output Unbalanced to ground
Bandwidth 10 Hz - 30KHz

Damping factor 8 Ω : 100 Hz > 500
1KHz > 200
10 KHz > 100

POWER SPECIFICATIONS

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

Power EIAJ
(1KHz, 1% THD)
both channels driven.....4 Ω = 500 W 8 Ω = 260 W
Bridged8 Ω = 1000 W 16 Ω = 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

PRELIMINARY DATA



*All specification or functions subject to change without notice
DigiMod is a trademark of Powersoft s.r.l*