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
Bridged .....8Ω = 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 (±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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Powersoft S.r.l. - v. Conti 5 - 50018 Scandicci (Italy) Web: www.powersoft.it E-mail: sales@powersoft.it
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