

DigiPower^â 3600

High Efficiency 2 Channels Digital Amplifier Module For Professional Applications

POWER REQUIREMENTS

All models AC 95V to 265V, 50/ 60 Hz
Weight6 Kg
External dimensions220mm (W), 390mm (D), 88mm (H)

AUDIO SECTION

Slew Rate (8 Ω) 50V/uS input filter bypassed
S/N ratio >105 dB/A
Distortion <0.5% (THD, DIM, SMPTE)
Inputs..... Combo XLR / jack 6.3mm
Inputs Impedance..... 10 K Ω Balanced to ground
Gain 32 dB
Outputs..... Unbalanced to ground
Output connectors Speakon 1+ / 1- single ended,
..... 2+ / 2- bridged
Bandwidth 10 Hz - 30KHz
Damping factor 8 Ω : 100 Hz > 500
..... 1KHz > 200
..... 10 KHz > 100

POWER SPECIFICATIONS (measured at 230V AC)

Power continuous
(1KHz, 0.5% THD)
one channel driven..... 2 Ω = 1700W 4 Ω = 920 W 8 Ω = 500 W

Power EIAJ
(1KHz, 1% THD)
both channels driven...2 Ω = 1800W 4 Ω = 1000 W 8 Ω = 520 W
Bridged.....4 Ω = 3600W 8 Ω = 2000 W 16 Ω = 1040 W



FUNCTIONS

- Thermal protection (over-temperature power limiting, thermal limiting/shutdown)
- Short-circuit / overload output protection
- Clip limiter, Permanent signal limiter, High frequency protection
- Auxiliary output voltage (\pm 15V regulated, 200mA)
- Bypass line outputs for external active/ passive filters/ DSP processing
- Gate command
- Temperature controlled Fan
- Remote control plugin board
- Power factor correction

APPLICATIONS

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

PRELIMINARY TECHNICAL DATA

*All specification or functions subject to change without notice
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