

FZ 10004

SMPS Power Amplifier 4ch., W/ohm: 4x1300W/8, 4x2100W/4, 4x2500W/2, 2U/19"

DAD[®]
DYNAMIC AUDIO DEVICE



FZ10004 is a 4ch amplifier capable to deliver 4x2500W @20Ohm and 4x2100W @40Ohm, in 2U rack mount only. These features make it ideal for professional full-range speakers and in multi-amplified system characterized by wide dynamics and high performance. The **FZ** amplifiers series uses the technology of amplification in Class I with SMPS power stage. The operation in Class I is based on a continuous and automatic adjustment of the value of the supply voltage of the final stage. This optimizes the efficiency up to 85%, reducing the weight and heat dissipation compared with other amplifiers which deliver same output. The models of **FZ** series are able to operate with loads from 20Ohm and are equipped with an extensive set of protection circuits to satisfy the higher reliability parameters with a high-quality profile for fixed and mobile sonorizations.

MAIN FEATURES

- Channels: 4
- Circuit class: Analog I class
- Single channel power: 1300/2100/2500 W 8/4/2 Ohm
- Bridge mode power: 2x5000 W 4 Ohm
- Rack unit: 2
- Weight: 13.50 kg

TECHNICAL SPECIFICATION

AMPLIFIER

- Channels: 4
- Circuit class: analog I class

OUTPUT

- Single channel power:1300/2100/2500 8/4/2 Ohm
- Bridge mode power:2x5000 4 Ohm

AUDIO SPECIFICATIONS

- Frequency response:6.8 - 34000 Hz @ 8 Ohm (-3 dB)
- THD+N:<0.05 %
- Slew rate:>20 V/μs @ 8Ω
- Input impedance:20 kΩ
- Signal/Noise rate:>112 dB

POWER SUPPLY STAGE

- Type: Switching
- Operating voltage/frequency: 220 V ±10%, 50Hz

PROTECTIONS

- Output: Voltage limiter, soft-start, short circuit, DC, overheat, VHF, LHF, power limiter

FUNCTIONS

- Input mode: bridge
- Input sensitivity/gain: 23/26/29/32/35/38/41/44dB

INDICATORS

- Indicators: 4 x LED bar signal level and protection functions

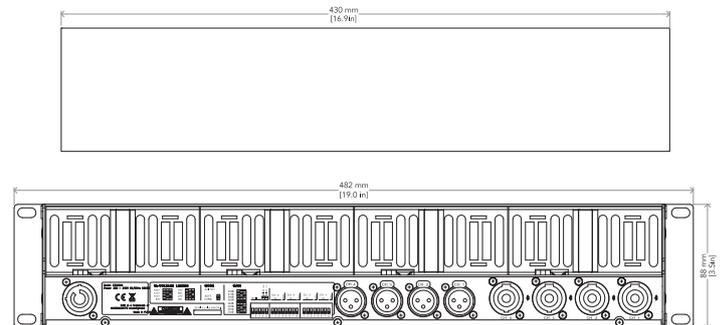
INPUT/OUTPUT CONNECTORS

- Input signal: XLR in
- Output signal: 4 x 4 pole out
- Power connection: PowerCON

PHYSICAL

- Cooling: active, silent operation
- Dimensions (WxHxD):482x88x430 mm
- Rack unit:2
- Weight:13.50 kg

TECHICAL DRAWINGS



Visit our website
for specifications and
tech documentations

