

# FZ10004



FZ10004 is a 4ch amplifier capable to deliver 4x2500W @2Ohm and 4x2100W @4Ohm, 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 2Ohm 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.

- 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 DATA

### AMPLIFIER

- Channels: 4
- Circuit class: analog I class

### OUTPUT

- Single channel power: 1300/2100/2500W 8/4/2 Ohm
- Bridge mode power: 2x5000W 4 Ohm

### AUDIO SPECIFICATIONS

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

### POWER SUPPLY STAGE

- 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

### INPUT/OUTPUT CONNETTORS

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

### PHYSICAL

- Cooling: forced air with low noise fan
- Dimensions (WxHxD): 482x88x430mm
- Weight: 13.50kg