



D-ONE.4C

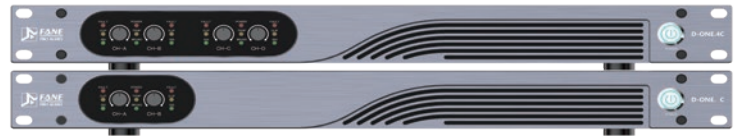
DIGITAL POWER AMPLIFIER

D-ONE series digital power amplifier is a flagship product of FANE PRO AUDIO. It adopts multi-loop control technology and modular design.

The D-ONE.4C is ultra-reliability under low impedance and high current working conditions. The active power factor correction technology (PFC) and soft switching technology, enables the D-ONE.4C to be flexible and adaptable over harsh grid environment and provide continuous uninterrupted power.

FEATURES

- + 1U Body, small, light and stable. Suitable for mobile use.
- + Compatible with a 2 Ohm load.
- + Active power factor correction can be universally used anywhere in the world.
- + Designed in compliance with safety regulations, electromagnetic compatibility standards and tropical climate environmental standards.



8Ω / Stereo	4x 2000 W
4Ω / Stereo	4x 3400 W
2Ω / Stereo	4 x 5870 W (measured using 20ms pulse 1kHz sine wave under 1% total harmonic distortion)
16Ω / Bridge	2x 4000 W
8Ω / Bridge	2x 6800 W
4Ω / Bridge	2x 11560 W (measured using 20ms pulsed 1kHz sine wave under 1% total harmonic distortion)
RMS Output Voltage (THD=1%, 1kHz)	126.5V
Input Sensitivity (rated output power, 1kHz)	Optional: 41 dB, 38 dB, 35 dB, 32 dB
THD+N	0.01% (10% of rated output power, typical value)
Crosstalk Suppression	≥90 dB (below the rated power, 20 Hz ~1 kHz)
Frequency Response	±0.2 dB (10% rated output power, 8Ω, 20 Hz ~ 20 kHz)
Input Resistance	20k Ω (balanced), 10k Ω (unbalanced)
Damping Coefficient	≥5000 (8Ω, 20 Hz ~ 200 Hz)
Signal-to-Noise Ratio (A-weighted, 20Hz~20kHz)	≥105 dB
Power Requirements	90 ~ 260VAC (50~60 Hz)
Protective Function	Power supply under voltage protection, power amplifier output DC protection, overheat protection, temperature power control, overload power control
Product Size (W*D*H)	483 x 45 x 465 mm
Net weight	13 kg