

AMPone400

400W/4ohm amplifier



GENERAL DESCRIPTION

The **AMPone®** digital power amplifier module provides a unique stereo sound, thanks to an innovative switching technology. The wide frequency modulations with a load invariant loop control enable an exceptional dynamic response, along with very high efficiency.

All protections, over-current, over-temperature, over-voltage, under-voltage and dc output detection are included, ensuring high reliability.

APPLICATION

Active Speakers
Sound reinforcement
Rack mounted amplifier system
Professional audio system
Public address system

KEY FEATURES

Power RMS under 4Ω	400 W
Power RMS under 8Ω	300 W
Power RMS continuous @70°C	100 W
Frequency response (-3db)	3 Hz-60 kHz
Voltage gain	26 dB
THD+N (1KHz, 10w,8 Ω)	< 0,01%
Signal to noise ratio	113 dB
Damping factor (1KHz,8 Ω)	> 1000
Efficiency	> 93%
Idle consumption	< 3,9 W
Fully protected	OTP,UVP,OVP, OCP & DCP
Operational temp	-10 to 55°C
Size(LxWxH)	130 x 40 x 37 mm
Weight	120g

AUXILIARY FUNCTIONS

Enable command
Protect output
Clip detect output

Designed and manufactured in France