

AC082L

2x80W AC powered amplifier



GENERAL DESCRIPTION

The **AC082L**[®] digital power amplifier module is a complete solution with two high power audio channels and an innovative switching supply with universal power factor correction. The wide frequency modulations of the switching device enable an exceptional dynamic response, along with very high efficiency.

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

APPLICATIONS

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

KEY FEATURES

Universal input	90 to 265Vrms
Power Factor	>0,95
Power RMS / 4Ω	2x80 W
Power RMS / 8Ω	2x42 W
Bridge Power RMS / 8	170W/8Ω
Frequency response (-3db)	6 Hz-45 kHz
THD+N (1KHz, 10w,8 Ω)	< 0,02%
Signal to noise ratio	105dB
Efficiency	> 85%
Idle consumption	< 4,5 W
Fully protected	OTP,UVP,OVP, OCP
Operational temp	-10 to 50°C
Size (LxWxH)	130 x 80 x 35 mm
Weight	125g

AUXILIARY FUNCTIONS

Enable command
Protect output
Clip detect output

Designed and manufactured in France