

ACL501H

1x500W AC powered 70/100V transformerless direct output amplifier



GENERAL DESCRIPTION

Thanks to our transformerless output solution, the ACL501H digital power amplifier module provides a unique sound, with large frequency response and a better intelligibility for public address systems. The high efficiency power supply enables a fast dynamic response and its automatic 115/230Vac selection make the module compatible with all world mains. All protections, over current and over temperature are included, insuring a high reliability.

APPLICATIONS

Public address system
 Rack mounted amplifier system
 Professional audio system
 Security audio system

AUXILIARY FUNCTIONS

Enable command
 Protect output monitor
 Clip detect output
 Regulated auxiliary voltage
 Selectable power output limiter

 Compatible for line impedance monitoring

KEY FEATURES

Universal AC input (automatic selection)	100-240Vac
Power/20Ω	500Wrms
Load	From 4Ω to open
Available limiters	150Wrms
Frequency response (-3dB)	3Hz to 35kHz
THD+N(1kHz,10W,50Ω)	< 0.04%
Total system efficiency (200W/50Ω/230Vac)	> 93%
Idle consumption (230Vac)	< 10W
Output impedance	< 50mΩ
Fully protected	OTP and OCP
Size	215x80x38mm
Weight	360g

OPTIONS

500Wrms or 150Wrms power limiter

Designed and manufactured in France