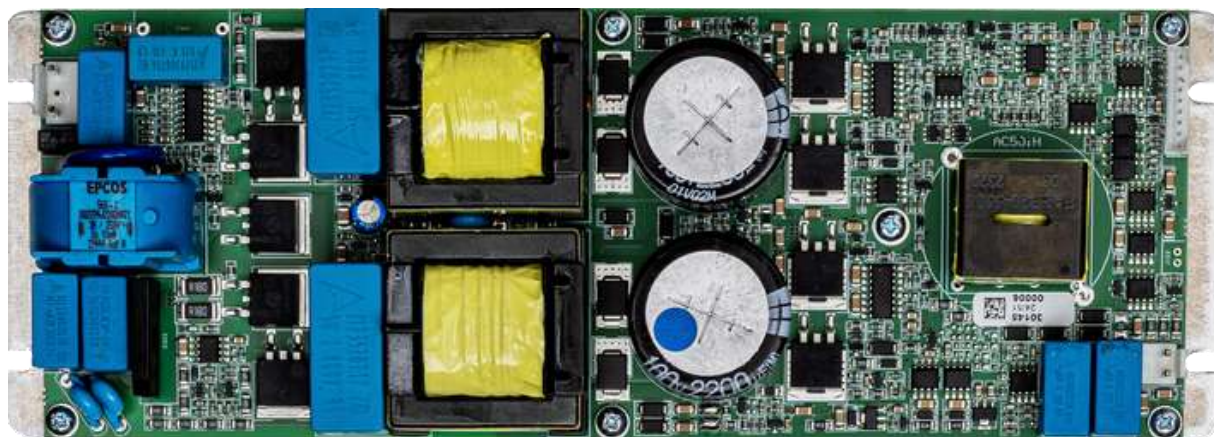


AC501H

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



GENERAL DESCRIPTION

Thanks to our transformerless direct output solution, the AC501H 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 enable a fast dynamic. 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
Output short circuit to Earth detection
Compatible for line impedance monitoring

KEY FEATURES

AC input (universal mains)	100 to 240Vac
Power/20Ω	500Wrms
Available limiter	250Wrms
Load	From 4Ω to open
Frequency response (-3dB)	3Hz to 35kHz
THD+N(1KHz,10W,100Ω)	< 0.04%
Total system efficiency (500W/20Ω/230Vac)	> 91%
Idle consumption (230Vac)	< 8.6W
Output impedance	< 50mΩ
Fully protected	OTP, OCP
Size	215x80x38mm
Weight	580g

OPTIONS

Current limiter
Constant current or constant voltage

Designed and manufactured in France