

DPA1400

LOW IMPEDANCE (8/4/2Ω)

Stereo Amplifier



PRODUCT OVERVIEW

DPA1400 is a stereo amplifier delivering 2 x 630 WRMS @ 4 ohm, and ready to drive 2Ω loudspeaker loads (4 x 8 ohms loudspeakers in parallel, per channel). It features Ecler's SPM proprietary technology and optional in-bay ALMAcard DSP module. A top-notch amplifier, very suitable for the high end installation.

KEY FEATURES

- 2 analogue audio inputs x 2 powered audio outputs
- ECLER patented SPM amplifying technology
- Drive down to 2Ω loads
- Intelligent ANTICLIP system: always on. Limits Harmonic Distortion by monitoring the transient behaviour of the input signal
- Independent channel THERMAL protection with the front panel indicator
- PROTECT indicator when DC, when detected DC / LF input signals, or short-circuit loads
- SIGNAL PRESENT front panel indicator (-40dBV)
- CLIP indicator active for output signals 1.5dB below real clipping
- On-board 25 Hz switchable SUBSONIC filter
- Crowbar (relay-free) DC protection circuit
- Smart back-to-front cooling system
- ALMAcard DSP card compatible
- Tamper-proof front knobs plastic caps
- 2 RU high
- Three year warranty

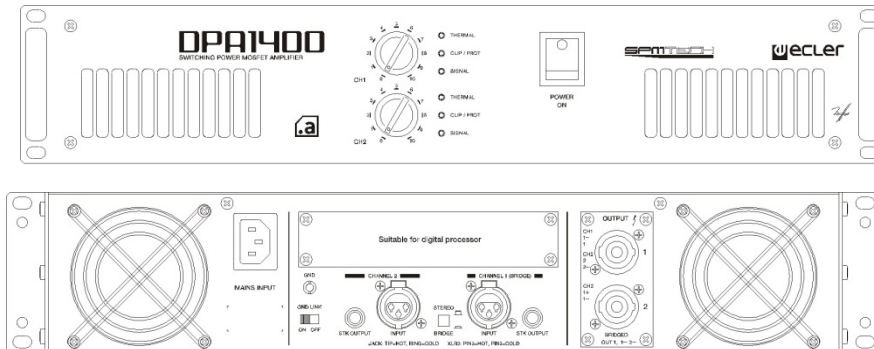
APPLICATIONS

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference centres
- Mobile outdoor applications

CERTIFICATIONS

- EN60065:2014
- EN55103-1:2009
- EN55103-2:2009
- 2006/95/EC
- 2004/108/CE

MECHANICAL DIAGRAMS



TECHNICAL DATA

POWER 20-20kHz 1% THD	
2Ω Stereo	990 WRMS
4Ω Stereo	635 WRMS
8Ω Stereo	395 WRMS
8Ω Bridged	1270 WRMS
Peak Power 2Ω/1kHz	2Kw
Frequency response (-1dB)	7Hz-50kHz
High pass filter (-3dB)	25Hz/Butt./18dB/oct.
THD+Noise @ 1kHz Full Pwr.	<0.03%
Imd. Dist. 50Hz & 7kHz, 4:1	<0.08%
TIM 100	<0.01%
S+N/N 20Hz-20kHz @ 1W/4Ω	>85dB
Damping factor 1kHz @ 8Ω	>300
Slew Rate	±75V/μs
Channel crosstalk @ 1kHz	>75dB
Input connector	XLR3 balanced
Input CMRR/ref. Max. PWR	>60dB @ 1kHz
Input Sensitivity / Impedance	0dBV/>22kΩ
Signal present indicator	-40dB
Output connectors	Speakon
Clip indicators	-1.5dB real clip
Anticlip limiter	1% & 5% aprox.
Mains	Depending on your country./See characteristics in the back of the unit.
Power consumption (max. Out)	1720VA
Dimensions Panel	482.6x88 mm
Dimensions Depth	420 mm
Weight	19.3kg