

DPA4000T

LOW IMPEDANCE AMPLIFIERS

Stereo Amplifier



PRODUCT OVERVIEW

DPA4000T is a stereo amplifier delivering 2 x 1900 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.

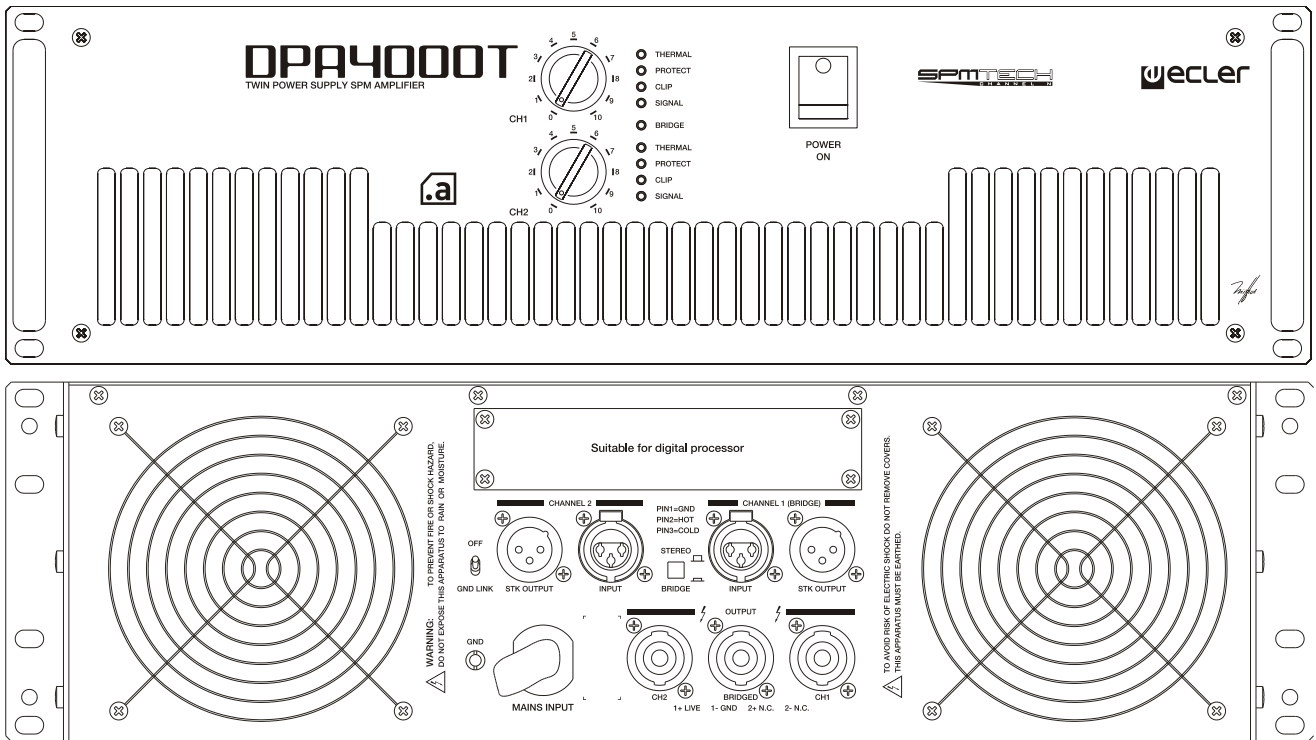
KEY FEATURES

- 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
- 3 RU high
- Three year warranty

APPLICATIONS

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

MECHANICAL DIAGRAMS



TECHNICAL DATA

POWER 20-20kHz 1% THD	
2Ω Stereo	2800 WRMS
4Ω Stereo	1880 WRMS
8Ω Stereo	1110 WRMS
8Ω Bridged	3760 WRMS
Peak Power 2Ω/1kHz	6100 WRMS
Frequency response (-1dB)	6Hz-95kHz
High pass filter (-3dB)	25Hz/Butt./18dB/oct.
THD+Noise @ 1kHz Full Pwr.	<0.07%
Imd. Dist. 50Hz & 7kHz, 4:1	<0.08%
TIM 100	<0.04%
S+N/N 20Hz-20kHz @ 1W/4Ω	>84dB
Damping factor 1kHz @ 8Ω	>370
Slew Rate	±135V/μs
Channel crosstalk @ 1kHz	>74dB
Input connector	XLR3 balanced
Input CMRR/ref. Max. PWR)	>70dB @ 1kHz
Input Sensitivity / Impedance	0dBV/>20kΩ
Signal present indicator	-40dB
Output connectors	Speakon
Clip indicators	-1.5dB real clip
Anticlip limiter	Intelligent A ² SP
Mains	Depending on your country./See characteristics in the back of the unit.
Power consumption (max. Out)	6760VA
Dimensions (HxWxD)	132,5x482,6x532mm
Weight	34.1kg

All product characteristics are subject to variation due to production tolerances. NEEC AUDIO BARCELONA S.L. reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.
 Motors, 166-168 08038 Barcelona - Spain - (+34) 932238403 information@ecler.es www.ecler.com