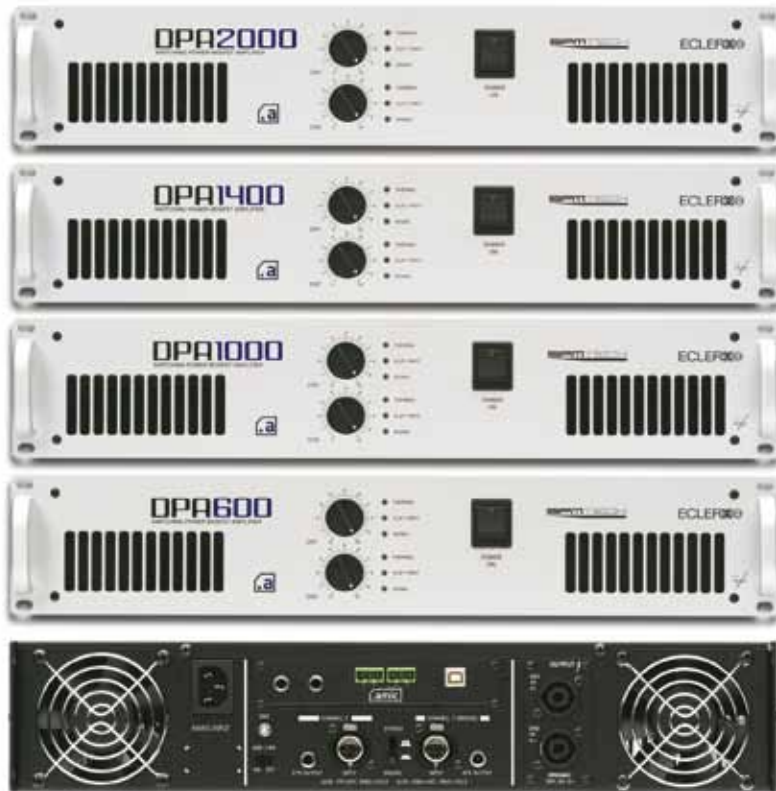


amplifiers

DPA series

DPA600, DPA1000,
DPA1400, DPA2000



Line of stereo power amplifiers for the high end installation

Key features

- ECLER patented SPM amplifying technology
- Drive down to 2Ω loads
- Balanced inputs (XLR), balanced stack outputs (JACK), Speakon® output connectors
- Intelligent ANTICLIP system: always on. Limits Harmonic Distortion by monitoring the transient behaviour of the input signal
- Independent channel THERMAL protection when unit reaches 90°C (194°F). Front panel indicator
- PROTECT indicator when DC, low freq signals, or short-circuit load situations
- SIGNAL PRESENT front panel indicator (-40dBV)
- CLIP indicator active when output signal is 1.5dB below real clipping
- On board 25Hz or off SUBSONIC filter
- CROWBAR relay-free DC protection circuitry
- Smart back to front COOLING system
- AMIC and UCM cards compatible
- Tamper proof plastic caps
- 2 RU high
- Three year warranty

DPA power fast guide

	DPA600	DPA1000	DPA1400	DPA2000
POWER 20-20kHz 1% THD (Both channels driven)	2Ω Stereo 410 W RMS	682 W RMS	990 W RMS	1420 W RMS
	4Ω Stereo 275 W RMS	440 W RMS	635 W RMS	940 W RMS
	8Ω Stereo 180 W RMS	275 W RMS	395 W RMS	550 W RMS
	8Ω Bridged 550 W RMS	882 W RMS	1270 W RMS	1880 W RMS

DPA and DPA-T Accessories

- **AMIC DSP** card for extensive and comprehensive signal processing. PC remote controlled by AMICLAB friendly setup software. Turns DPA and DPA-T amplifier into a complete audio solution
- **DLA600** dual 100V adaptor for DPA600

DPA and DPA-T SERIES Applications

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

DPA-T series

DPA2500T,
DPA4000T

amplifiers



Line of stereo power amplifiers for the high end installation

Key features

- ECLER patented SPM amplifying technology
- All the power all the time: permanent sound quality no matter how long the unit is working
- Drive down to 2Ω loads
- A2SP Analog Autogain Signal Processor: input signal management in stress work conditions
- Balanced inputs (XLR), Balanced stack outputs (XLR), Speakon output connectors
- Intelligent ANTICLIP system: always on. Limits Harmonic Distortion by monitoring the transient behaviour of the input signal
- Independent channel THERMAL protection when unit reaches 90°C (194°F). Front panel indicator
- BRIDGE mode indicator
- PROTECT indicator for DC, low freq signals, or short-circuit load situations
- SIGNAL PRESENT front panel indicator (-40dBV)
- CLIP indicator active when output signal is 1.5dB below real clipping
- On board 25Hz or off SUBSONIC filter
- CROWBAR relay-free DC protection circuitry
- Smart back to front COOLING system
- AMIC and UCM cards compatible
- Tamper proof plastic caps
- 3 RU high
- Three year warranty



Product

SPM MOSFET AMPLIFYING TECHNOLOGY

- Lower internal resistance, less heating, excellent bass control.
- Optimal sound transparency thanks to MOSFETs speed. Excellent TIM values.



DPA-T power fast guide

	DPA2500T	DPA4000T
POWER 20-20kHz 1% THD (Both channels driven)	2Ω Stereo 4Ω Stereo 8Ω Stereo	1610 W RMS 1130 W RMS 680 W RMS
	8Ω Bridged	3760 W RMS

Tech Characteristics

	DPA600	DPA1000	DPA1400	DPA2000	DPA2500T	DPA4000T	
POWER 20Hz-20kHz 1% THD (Both channels driven)	2Ω Stereo 4Ω Stereo 8Ω Bridged	410 WRMS 275 WRMS 180 WRMS 550 WRMS	682 WRMS 440 WRMS 275 WRMS 882 WRMS	990 WRMS 635 WRMS 395 WRMS 1270 WRMS	1420 WRMS 940 WRMS 550 WRMS 1880 WRMS	1610 WRMS 1130 WRMS 680 WRMS 2260 WRMS	2800 WRMS 1880 WRMS 1110 WRMS 3760 WRMS
Peak Power 2Ω / 1kHz	0.98Kw	1.5Kw	2Kw	2.95Kw	3800 WRMS	6100 WRMS	
Frequency response (-1dB)	7Hz-50kHz	7Hz-50kHz	7Hz-50kHz	6Hz-50kHz	6Hz-90kHz	6Hz-95kHz	
High pass filter (-3dB)	25Hz/Butt./18dB/oct.						
THD + Noise @ 1kHz Full power	<0.03%	<0.03%	<0.03%	<0.07%	<0.07%	<0.07%	
Imd. Dist. 50Hz & 7kHz 4:1	<0.05%	<0.08%	<0.08%	<0.08%	<0.08%	<0.08%	
TIM 100	<0.01%	<0.01%	<0.01%	<0.01%	<0.04%	<0.04%	
S+N/N 20Hz-20kHz @ 1Ω / 4Ω	>85dB	>85dB	>85dB	>85dB	>84dB	>84dB	
Damping factor 1kHz @ 8Ω	>300	>300	>300	>300	>320	>370	
Slew Rate	±60V/μs	±65V/μs	±75V/μs	±80V/μs	±125V/μs	±135V/μs	
Channel Crosstalk @ 1kHz	>75dB	>75dB	>75dB	>75dB	>74dB	>74dB	

Technical Specifications

	DPA600	DPA1000	DPA1400	DPA2000	DPA2500T	DPA4000T
Input connectors	XLR3 balanced					
Input CMRR/ref. Max. PWR	>60dB@1kHz			>64dB@1kHz		>70dB@1kHz
Input sensitivity / impedance	0dBV / >20kΩ					
Signal present indicator	-40dB					
Output connectors	Speakon®					
Clip indicators	-1,5dB real clip					
Anticlip limiter	Intelligent A2SP					
Mains	Depending on your country					
Power consumption (max. Out)	830VA	1250VA	1720VA	3115VA	4100VA	6760VA
Dimensions Panel Depth	482.6x88mm 420mm			482.6x88mm 470mm		482.6x132.5mm 532mm
Weight	12.7kg	16.6kg	19.3kg	22.7kg	29.7kg	34.1kg

All product characteristics are subject to variation due to production tolerances. ECLER, S.A. reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.
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