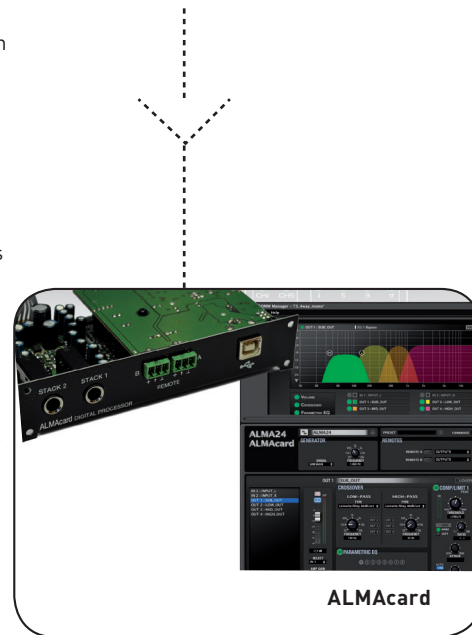


Line of stereo power amplifiers including SPM proprietary technology and optional in-bay ALMAcard DSP module, very suitable for the high end installation

Key features

- ECLER patented SPM amplifying technology
- All the power all the time: permanent sound quality, no matter how long the unit is working (DPA4000T)
- Drive down to 2Ω loads
- A2SP Analog Autogain Signal Processor: input signal management in stress work conditions (DPA4000T)
- Balanced inputs (XLR), balanced stack outputs (JACK, except the 4000T, 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 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 (3 RU for the DPA4000T)
- Three year warranty



ALMAcard



PRODUCT

DPA and DPA-T Accessories

- **ALMAcard:** DSP card for extensive and comprehensive signal processing. PC remote controlled by EclerCOMM software application. Turns DPA amplifier into a complete audio solution

Technical Characteristics		DPA1000	DPA1400	DPA2000	DPA4000T
POWER	2Ω Stereo	682 WRMS	990 WRMS	1420 WRMS	2800 WRMS
	4Ω Stereo	440 WRMS	635 WRMS	940 WRMS	1880 WRMS
	8Ω Stereo	275 WRMS	395 WRMS	550 WRMS	1110 WRMS
	8Ω Bridged	882 WRMS	1270 WRMS	1880 WRMS	3760 WRMS
	Peak Power 2Ω/1kHz	1.5Kw	2Kw	2.95 Kw	6100 WRMS
	Frequency response [-1dB]	7Hz-50kHz	7Hz-50kHz	6Hz-50kHz	6Hz-95kHz
	High pass filter [-3dB]	25Hz/Butt/18dB/oct.			
	THD + Noise @ 1kHz Full Power	<0.03%	<0.03%	<0.07%	<0.07%
	Imd. dist. 50Hz & 7kHz 4:1	<0.08%	<0.08%	<0.08%	<0.08%
	TIM 100	<0.01%	<0.01%	<0.01%	<0.04%
	S+N/N 20Hz-20kHz @ 1Ω/4Ω	>85dB	>85dB	>85dB	>84dB
	Damping factor 1kHz @ 8Ω	>300	>300	>300	>370
	Slew Rate	±65V/μs	±75V/μs	±80V/μs	±135V/μs
	Channel Crosstalk @ 1kHz	>75dB	>75dB	>75dB	>74dB

		DPA1000	DPA1400	DPA2000	DPA4000T
Input Connectors		XLR3 Balanced			
Input CMRR/ref. Max. PWR		>60dB@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)		1250VA	1720VA	3115VA	6760VA
Dimensions	Panel	482.6 x 88mm		482.6x88mm	482.6x132.5mm
	Depth	420mm		470mm	532mm
Weight		16.6kg	19.3kg	22.7kg	34.1kg

DPA and DPA-T Applications:

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