

DPA SERIES

Studiomaster Professional DPA Series power amplifier represents state-of-the-art professional quality & performance at an affordable price. Perfectly suited for a wide range of sound reinforcement applications including Professional touring, performing musicians, & mobile entertainers.



DPA series amplifiers are BIS approved...



Energy Efficient: The DPA series features an innovative class H, 3-stage switching drive. This significantly improves the efficiency of the amplifiers making them run 'cooler', and consume less power.

Improved HF protection: The DPA is designed with a sophisticated VHF limiter that reduces the risk of HF stress, and protects your speakers, particularly HF units.

Better Transient response: Transient response determines 'depth' of the sound quality of your amplifier. The DPA series has special pre-selected 'for audio range' filter capacitors that result in an improved transient response and add warmth to the sound.

Improved protection: The DPA series has improved protection against 'dirty' power supply voltages. The new short circuit protection features faster response electronics & relays, improving the failure response time of the amplifiers.

- Professional high-power amplifiers.
- Low THD & high damping factor for excellent sound quality.
- Selectable slide switch for stereo, parallel & bridge mono amp modes.
- Selectable slide switch for ground lift, Low cut & HF Limiter
- Two variable speed fans.
- Indicators : Power On, Signal, Limiter, protect, Bridge
- Balanced / unbalanced inputs signal through parallel XLR connector in both channels.
- Fast recovery design for lower distortion if clipping occurs.
- Selectable sensitivity slide switch for (0.775V , 1V or 1.4V).
- Signal and Clip LED indicators to monitor performance.
- Front mounted detent gain controls for easy access.
- Cooling: Twin tunnel cooling fan with front - back air flow

Technical Specifications	DPA 2000	DPA 3200	DPA 4500	DPA 5000
Power Output				
2 O (True RMS), 20Hz-20kHz, 1% THD	2 x 1040 W	2 x 1600 W	2 x 2200 W	2 x 2600 W
2 O (EIA), 1kHz , 1%THD	2 x 2250 W	2 x 3900 W	2 x 4550 W	2 x 4900 W
4 O (True RMS), 20Hz-20kHz, 1% THD	2 x 780 W	2 x 1200 W	2 x 1650 W	2 x 1950 W
4 O (EIA), 1kHz , 1%THD	2 x 1380 W	2 x 2450 W	2 x 3000 W	2 x 3200 W
8 O (True RMS), 20Hz-20kHz, 1% THD	2 x 520 W	2 x 800 W	2 x 1100 W	2 x 1300 W
8 O (EIA), 1kHz , 1%THD	2 x 755 W	2 x 1225 W	2 x 1700 W	2 x 1800 W
Bridged Mode				
4 O (True RMS), 20Hz-20kHz, 1% THD	2080 W	3200 W	4400 W	5000 W
4 O (EIA), 1kHz , 1%THD	4500 W	7800 W	9100 W	9800 W
8 O (True RMS), 20Hz-20kHz, 1% THD	1560 W	2400 W	3300 W	3900 W
8 O (EIA), 1kHz , 1%THD	2760 W	4550 W	6000 W	6400 W
Damping factor (8 O)	> 200 :1	> 300 :1		
Frequency Response	20Hz - 20kHz (+/-0.5dB)			
Protection Devices	DC, Short Circuit, Over heat, Soft start, Clip Limit, Over load			
Input Connector (Per Channel)	XLR			
Output Connector (Per Channel)	Speakon and Binding post			
Dimensions (WxDxH) mm	483 x 455 x 88 (2U)	483 x 455 x 130 (3U)		
Net Weight (Kgs.)	27.6	40.3	44	47

Note : BIS registration is Mandatory for all amplifiers with input power above 2000W.