

POWER

PERFORMANCE

RELIABILITY

BIS approved...



## DPA SERIES – Class H Professional Power Amplifier

StuDiomaster Professional DPA Series power amplifier represents the state-of-the-art in professional quality performance at an affordable price. Perfectly suited for a wide range of sound reinforcement applications including professional touring, performing musicians, and mobile entertainers, the DPA Series is optimized to deliver high levels of sustained power, extraordinary audio performance and road-proven reliability.

Rugged and reliable DPA Series amplifiers deliver true studio-quality sound with low distortion and ruler-flat frequency response. DPA series amplifiers have earned their reputation as the road-proven workhorse for entertainers, musicians and Djs.

### DPA SERIES POWER AMPLIFIERS

**DPA 2000** – 2080 Watts @ 4 Ohm Bridged

**DPA 3200** – 3200 Watts @ 4 Ohm Bridged

**DPA 4500** – 4400 Watts @ 4 Ohm Bridged

**DPA 5000** – 5000 Watts @ 4 Ohm Bridged

Brought to you by:

**AUDIPLUS**

**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.

**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.

**Powerful overall 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.

## The New Powered Amplifiers by Studiomaster Professional

- 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
<b>Power Output</b>				
2 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 1040 W	2 x 1600 W	2 x 2200 W	2 x 2600 W
2 Ω (EIA), 1kHz , 1%THD	2 x 2250 W	2 x 3900 W	2 x 4550 W	2 x 4900 W
4 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 780 W	2 x 1200 W	2 x 1650 W	2 x 1950 W
4 Ω (EIA), 1kHz , 1%THD	2 x 1380 W	2 x 2450 W	2 x 3000 W	2 x 3200 W
8 Ω (True RMS), 20Hz-20kHz, 1% THD	2 x 520 W	2 x 800 W	2 x 1100 W	2 x 1300 W
8 Ω (EIA), 1kHz , 1%THD	2 x 755 W	2 x 1225 W	2 x 1700 W	2 x 1800 W
<b>Bridged Mode</b>				
4 Ω (True RMS), 20Hz-20kHz, 1% THD	2080 W	3200 W	4400 W	5000 W
4 Ω (EIA), 1kHz , 1%THD	4500 W	7800 W	9100 W	9800 W
8 Ω (True RMS), 20Hz-20kHz, 1% THD	1560 W	2400 W	3300 W	3900 W
8 Ω (EIA), 1kHz , 1%THD	2760 W	4550 W	6000 W	6400 W
Damping factor (8 Ω)	> 200 :1	> 300 :1		
Frequency Response	20Hz - 20kHz (+/-0.5dB)			
Protection	DC, Short Circuit, Over heat, Soft start, Clip Limit, Over load, HF Protection			
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.)	28	40	44	47

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