

• **DPA300Q:** 4x 300W 100v Power Amplifier 2U

The new InterM DPA300Q is a Quad channel (4 x 300W) 100v Line Class D Power Amplifier for professional, zoned PA, AV and background music installations and rackbuilds.

Housed in a discreet and compact 2U casing, this 4 x 300 Watt, 100v line, four-channel Power Amplifier offers both size and weight reduction benefits.

The DPA300Q features Class-D amplification circuitry and a switch mode power supply to provide significant efficiency improvements (typically up to 90% efficient compared to an average of 40% efficiency in conventional amplification).

This compact, professional power amplifier is ideal for large scale PA systems where high power is required over a long speaker line (such as shopping malls, supermarkets, leisure centres, school, colleges, airports, warehouses, etc).

Featuring 4 x 300W individual channels, the DPA-300Q is ideal for multi-zone applications (such as 'reception / restaurant / gym / bar' or 'classrooms / hall / café /admin'), where the same signal may be required at different output levels. Alternatively, the 4 channels can be used as separate amplifiers, sending completely different signals to each of the four zones / areas – ideal for use in conjunction with the InterM PX8000 Audio Matrix.

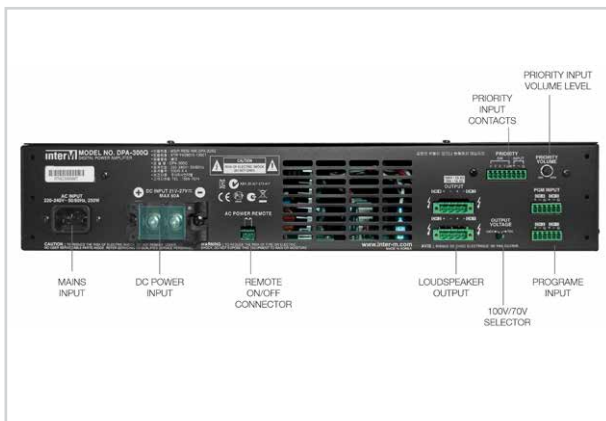
The 4 channel Class D amplifier offers power efficiency in excess of 90% and ensures low power consumption and significantly reduced heat dissipation. Fully equipped with protection circuitry against short circuit, overload, power and DC output; Inter-M's DPA Series amplifiers offer less than 1% THD, an increased signal to noise ratio of 90dB and a wider frequency response from 19Hz ~ 18KHz.

Each channel also provides Dual Input capabilities, allowing a priority input signal to override the standard/normal input signal; an ideal feature to support emergency paging systems.

The new DPA Class-D Amplifier range is available in 1, 2, 3 and 4 channel versions, with power output options of 300W, 600W, 900W and 1200W per channel.

With reduced space capacity requirements, lower heat dissipation and significantly reduced power consumption, the InterM DPA 100v Power Amplifier range will now be specified into many of CIE-Group's in-house designed and built PA / BGM racks. For more information on CIE's Dedicated Rack Design & Build service, please contact our System Specification Team on T. 0115 9770075.

- Quad channel, 4 x 300W output
- Class-D High-efficiency, high power amplifier
- 100v line
- Only 2U rack height
- AC and DC power operation
- Switch Mode power supply
- Priority Program Input
- Remote Power ON/OFF Control via control input



Specifications:

Model:	DPA300Q
Rated Output Power	4 x 300W
Frequency Response	30Hz ~ 20KHz (-3dB)
Output Voltage / Impedance	100v / 33.3 ohms
Input Sensitivity	Less than 1%
THD	Less than 1%
S/N	95dB
Operating Temperature	-10°C - +40°C
Power Source	DC24v, AC220~240v 50/60Hz
Dimensions	482(W) x 88(H) x 280(D) mm
Weight (Gross)	19.25kg