



DPA616

Sixteen channel Class D Amplifier

► Features

- Sixteen channel power amplifier
- Class-D Technology
- 16 x 60 Watt in Stereo mode
- 8 x 120 Watt in Bridge mode
- Stereo / Bridge & Parallel switch
- Terminal block connectors
- Advanced Protection circuitry
- 19" Rack Mounting (2HE)

► Applications

- Public buildings
- Restaurants
- Bars
- Warehouses
- Offices



The DPA616 is a professional sixteen channel power amplifier, which is capable of delivering a power of 60 Watt to 4 Ohm loads connected to the 16 output channels. When used in bridge mode, it can deliver a power of 120 Watt to 8 Ohm loads connected to the 8 bridged outputs. This way, the DPA616 is the perfect solution for installed Multi-Zone audio distribution systems with 8 or 16 zones.

It is designed as a no-nonsense amplifier with only the necessary controls and connections, which creates great simplicity in use and installation.

The input connections are all performed with 3-pin Terminal block connectors, allowing the connection of balanced input signals. Every channel is fitted with a separate gain control potentiometer and for every two input connectors is a Stereo / Bridge & Parallel switch provided whereby two channels can be bridged or linked in parallel, avoiding a cable clutter when multiple channels should be fed with the same input signal.

The output connections are performed with 4-pin Terminal block connectors allowing connections for separate or bridged output channels.

A built-in multipurpose protection circuit protects against DC malfunction, short circuit, overheating, overload, and limits the signal when necessary.

This all is housed in a double rack space, steel 19" rack mount housing.

► Specifications

SYSTEM SPECIFICATIONS		
RMS Power @ 4 Ohm Stereo	16 x 60 Watt	
RMS Power @ 8 Ohm Stereo	16 x 30 Watt	
RMS Power @ 8 Ohm Bridge	8 x 120 Watt	
Frequency response	20 Hz - 20 kHz	
Signal to noise ratio	> 100 dB	
THD+N	< 0.1%	
Technology	Class-D	
Power supply	Switching mode	
Power supply range	100-240 V AC / 50-60 Hz	
Input Sensitivity	-20 dB ~ +20 dB	
Protection	DC short circuit	
	Overheat	
	Over load	
	Signal limiting	
Operating temperature	0° ~ 40° at 95% Humidity	
Connectors	Input	3-Pin Terminal block (3.81 mm pitch)
	Output	4-Pin Terminal block (5.08 mm pitch)
PRODUCT FEATURES		
Dimensions (Width x Height x Depth)	482 x 88 x 322 mm	
Weight net	8.2 Kg	
Mounting	19"	
Unit height	2 HE	
Construction	Steel	
Colour	Black	
SHIPPING & ORDERING		
Packaging	Carton box	
Shipping weight and volume	9.6 Kg - 0.047 Cbm	
Accessories included	16 x 3-Pin Terminal block Input con.	
	8 x 4-Pin Terminal block Output con.	
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products		