DPA153

Triple-channel Class-D amplifier 2 x 150W

Product information:





The DPA series amplifiers are Class-D power amplifiers designed to meet the specialized needs of sound contractors for multi-zone distributed speaker systems. They are designed in six different models of Class D power amplifiers, divided in three different architectures to meet the requirements for all kinds of applications. They combine the best of all features in one single series of amplifiers, providing an outstanding sound quality with all the known advantages of Class-D amplifiers such as the excellent efficiency and very low heat dissipation. Due to the complete passively cooled entity only a minimal of maintenance is needed while ensuring maximum reliability. The small size of a single rack space make them very interesting for fixed rack mounting as well as mobile applications. The DPA153 is built as a two channel (stereo) amplifier, with an additional channel for powering a subwoofer cabinet. It contains an active crossover network with a frequency of 120Hz and advanced protection circuitry which protects against DC malfunctioning, short circuit, overheating and overload. The signal input connections are accommodated with balanced XLR connectors and signal link through with other amplifiers is possible using the XLR output connectors. The operation mode can be selected between Stereo mode, Bridge mode and Parallel mode. The output connections are accommodated with Euro-Terminal blocks.

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

System specifications:

Continuous power (AES)	Satellite	@ 8 Ω Stereo	2 x 80 W
		@ 4 Ω Stereo	2 x 150 W
		@ 8 Ω Bridge	300 W
	Subwoofer	@ 8 Ω	300 W
Inputs	Sensitivity		4 dBu
	Impedance		20 kΩ
Frequency	Response (± 3 dB)		20 Hz - 20 kHz
Signal / Noise			> 90 dB
Channels	Seperation	8 Ω, 1 kHz	> 70 dB
THD+N (@ 1 kHz)			< 0.1%
Technology			Class-D
Power	Supply		Switching mode
	Source		100 ~ 240 V AC / 50 ~ 60 Hz
	Consumption		279 W
Cooling			Convection cooled
Protection			DC Short circuit
			Over heating
			Over load
			Signal limiting
Operating temperature			0° ~ 40° @ 95% Humidity

Product Features:

Dimensions	482 x 44 x 330 mm (W x H x D)
Weight	4.830 kg
Mounting	19”
Unit height	1 HE
Construction	Steel
Colours	Black

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