



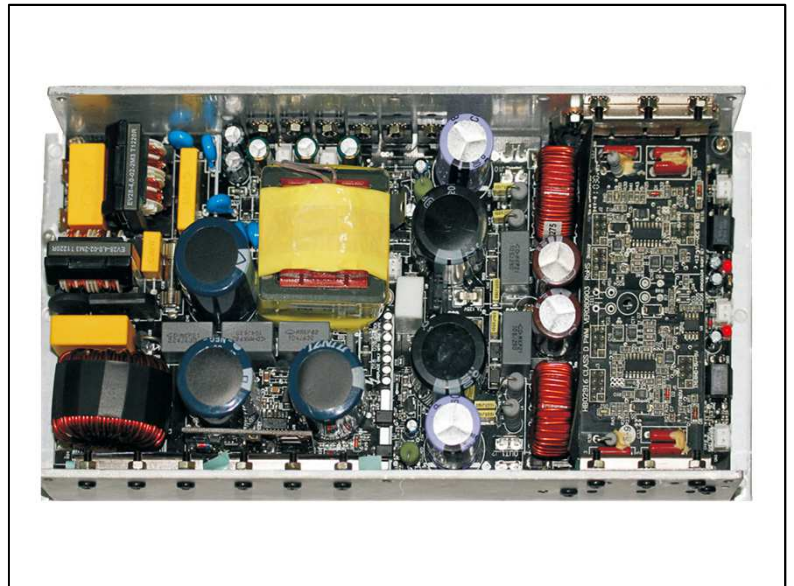
DM-700W+700W PFC

Class-D Amplifier Module

Features

- 600W + 150W
- Class-D
- PFC (Power Factor Correction)

DM-700W+700W PFC is a 2 channel amplifier module of 700W + 700W. This module, used in some active speakers of the brand, is also available as component for other manufacturers. Based on Class-D architecture DM-700W+700W PFC uses a switched-mode power supply equipped with a PFC (Power Factor Correction) circuit improving the energy efficiency. DM modules are light compact and very reliable. They feature thermal, short-circuit and overload output protection. The temperature can be controlled via a 12V DC output connected to a fan. Over voltage protection and DC offset shutdown are also available. CH1 and CH2 can work on bridged mode.



Specifications

MODEL	DM-700W+700W	
General	CH1	CLASS-D Amplifier
	CH2	CLASS-D Amplifier
Power Requirements	AC~110-240V 50/60Hz / 8AH	
Auxiliary Supply (Option)	DC +/-12V @ 0.5A / DC +12V @ 0.3A	
Weight	1.1 kg (2.43 lbs)	
Dimension (W x D x H)	216 x 126 x 70 mm (8.5" x 4.96" x 2.76")	
Audio Section	Class-D Amplifier	
	Slew rate (8Ω)	1.5V/μs
	S/N Ratio	>95dB/A
	Distortion	<0.1% (THD, DIM, SMPTE)
	Inputs	Unbalanced to ground
	Impedance	10kΩ
	Gain	26 - 32dB
	Output	Unbalanced to ground
Power Specifications (230Vrms or 120Vrms mains voltage, A-WTD, THD=1%)	4Ω Load	700W + 700W RMS
	8Ω Load	800W + 800W EIAJ
		350W + 350W RMS
		400W + 400W EIAJ
Function	Thermal protection (over-temperature power limited, thermal shutdown)	
	Short-circuit / overload output protection	
	Temperature controlled 12V DC fan output	
	Over voltage protection DC offset shutdown	

Specifications subject to modification without notice

Integration in the back plate of an active speaker



DM module with fan cover



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