



DM-350W+350W

Class-D Amplifier Module

Features

- 350W + 350W RMS
- Class-D

DM-350W+350W is a stereo amplifier module of 2 x 350W /4Ω RMS. This module, used in some active speakers of the brand, is also available as component for other manufacturers. Based on Class-D and Class-AB architecture the DM modules are light compact and very reliable. They use thermal, short-circuit, overload output protection, over voltage protection and DC offset. The temperature can be controlled via a 12V DC output connected to a fan. CH1 and CH2 can be bridged for mono applications. Auto Standby, conform to ERP Directive, and PFC options are also available.



Specifications

MODEL	DM-350W+350W	
General	CH1 / CH2	CLASS-D Amplifier
Power Requirements	AC~220-240V +/-10% 50/60Hz / 5AH - AC~110-120V +/-10% 50/60Hz / 10AH	
Auxiliary Supply	DC +/-15V @ 0.5A / DC +5V @ 0.3A - DC +12V @ 0.3A / DC +5V @ 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	<0.05% (THD. DIM. SMPTE)
	Inputs	Unbalanced to ground
	Impedance	10kΩ
	Gain	26-32dB
	Output	Unbalanced to ground
Power Specifications (230V rms mains voltage)	Bandwidth	15Hz~20kHz
	Damping factor (8Ω)	>400 (100Hz) / >180 (1kHz)
	4Ω Load	330W + 330W (RMS)
		400W + 400W (EIAJ)
8Ω Load	180W + 180W (RMS)	
	200W + 200W (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 the fan cover

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