



RMB 1085

Class D Amplifier



Description

Rotel's Class D amplifiers are technological marvels utilizing the latest circuit advances to deliver critically acclaimed performance. The RMB-1085 is a case in point. A space saving, cool-running and remarkably efficient design, the RMB-1085 is a real powerhouse, with 5 by 100 watts per channel of audiophile quality power into 8 ohms, all channels driven, at vanishingly low distortion.

The RMB-1085 is the ideal amplifier for high quality medium to large home theaters. In an elegant package less than 3" high, it will fit where large conventional amplifiers won't, and because it produces so little heat, it won't compromise other components located in the same space. It's sophisticated power supply and output stages are rock solid even with power fluctuations and complex speaker loads. The RMB-1085 can deliver plenty of power when a film soundtrack demands it—even those floor-shaking sonic booms so prevalent in action movies. Yet, it is also superbly adept at revealing the smallest sonic details found in background audio effects. And like every Rotel amplifier, it excels at music playback.

Specifications

Power Configurations:	5 x 100 watts	Signal to Noise Ratio IHF A network:	105dB
Watts/Channel:	all channels driven, with 20kHz filter, 8 ohm load, 20Hz to 20kHz, <0.2% THD: 100 watts 4 ohm load, 1kHz, <1% THD: 180 watts	Input Sens. / Impedance:	1.25V/8.2 kohms
Total Harmonic Distortion	At rated power, 20Hz-20kHz: < 0.2% At one-half rated power, 20Hz-20kHz: < 0.03% At 1 watt per channel, 20Hz-20kHz: < 0.03%	Power Requirements:	110-240 volts
Intermodulation Distortion at rated power, 60Hz:	7 kHz, 4:1: < 0.03%	Power Consumption:	250 watts
Damping Factor (8 ohms):	200	Peak Output Current:	11 amps
Frequency Response ±3dB:	10Hz-40kHz	Idling Power Consumption:	30 watts
Amplifier Gain:	27.2dB	Standby Power Consumption:	6 watts
		Dimensions (W x H x D):	432 x 72 x 382 mm, 17 1/8 x 9 3/8 x 15 1/8 in
		Front Panel Height:	60mm
		Weight (net):	5.4 kg, 11.9 lb.

www.rotel.com

The Rotel Co. Ltd.
10-10 Shinsen-Cho
Shibuya-Ku,
Tokyo 150, Japan

Rotel of America
54 Concord St.
N. Reading, MA 01864
USA
T +1 978 664 3820
F +1 978 664 4109

Rotel Europe
Dale Road
Worthing
West Sussex BN11 2BH, UK
T +44 (0) 1903 221 763
F +44 (0) 1903 221 525