

# RMB-1587MKII

MULTI-CHANNEL POWER AMPLIFIER



Class AB amplifier design



7 x 250 Watts of robust power, 4 Ohms



Massive power supply using Dual Toroidal Transformers



High quality slit foil capacitors



Optional rack ears

Rotel's new RMB-1587MKII 7-channel amplifier continues our heritage of producing high powered, perfectionist amplifiers for multi-channel systems.

Following Rotel's MKII design architecture, the RMB-1587MKII incorporates both circuit and component upgrades in the power supply and amplifier stages to achieving ultra-low distortion, signal isolation, and high-gain output power efficiently packaged in a single, multi-channel amplifier chassis.

The Class AB RMB-1587MKII is engineered around two massive in-house manufactured high-current, low emission toroidal transformers designed to supply stable current to an array of 8 high-efficiency bulk storage capacitors. This power supply architecture renders deep bass energy even when driving the most demanding loudspeakers with ultimate authority and control.

Differing from multi-channel amplifiers whose output drops when driving multiple channels simultaneously, the RMB-1587MKII delivers all 7 channels of Class AB amplification at 155 Watts per channel into 8 ohms.

This massively engineered amplifier achieves 250 Watts per channel into 4 ohms with all channels driven and is capable of a staggering 335 Watts RMS per channel when used in Stereo into 4 ohm loudspeakers.

To optimize cooling, the RMB-1587MKII is equipped with 4 thermostat-controlled, variable-speed ultra-low-noise fans.

The RMB-1587MKII is built for custom installation. Convenient auto-switching XLR Balanced and RCA inputs ensuring compatibility with any AV Processor or Home Theater receiver preamp output, and a 12 V trigger input and output allows simplified power control. Custom rack mount installation hardware is available for simplified mounting in standard 19" equipment racks.<sup>(1)</sup>

The RMB-1587MKII is available in both elegant black and stylish silver colors.

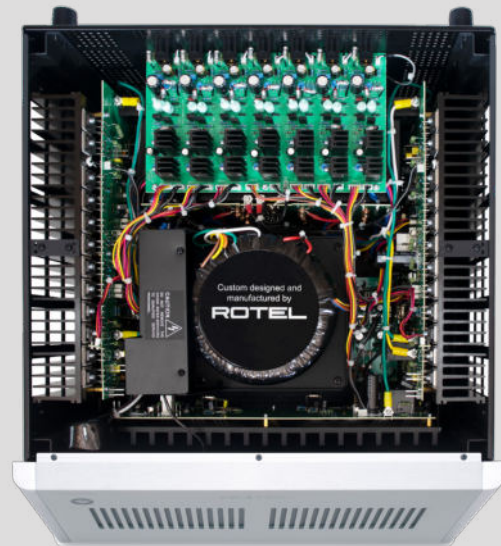
<sup>(1)</sup> Rack mount kits included in some regions.

# RMB-1587MKII

## MULTI-CHANNEL POWER AMPLIFIER

### SPECIFICATION

Power Output (7ch driven, 8 Ohms)	155 Watts / channel
Power Output (7ch driven, 4 Ohms)	250 Watts / channel
Power Output (2ch driven, 4 Ohms)	335 Watts / channel
Total Harmonic Distortion	< 0.03%
Intermodulation Distortion (60 Hz : 7k Hz, 4:1)	< 0.03%
Frequency Response (+0 dB, -0.3 dB)	10 Hz - 100k Hz
Damping Factor (1k Hz, 8 Ohms)	330
Input Impedance/Sensitivity	
Unbalanced	12k Ohms / 1.61 Volt
Balanced	50k Ohms / 3.4 Volt
Gain	26.6 dB
Signal to Noise Ratio (A Weighting)	111 dB
Crosstalk/Separation	> 55 dB



Power Requirement	
USA	120 Volts, 60 Hz
Europe	230 Volts, 50 Hz
Power Consumption	1400 Watts
BTU (4 Ohms, 1/8 power)	4016 BTU / h
Dimensions (WxHxD)	431 x 237 x 456 mm
	17 x 9 1/3 x 18 ins
Front Panel Height	5U / 221 mm / 8 3/4 ins
Weight (net)	37.6 kg / 82.9 lbs
Finish	Black and Silver