

RMB-1555

Multichannel Power Amplifier



Class AB amplifier design



High quality slit foil capacitors made in Britain



5 x 120 Watts of robust power



12 volt trigger input

As well-received as Rotel's CD players have been over the decades, the company's power amplifiers have been perhaps even more admired and critically acclaimed. That's due to Rotel's insistence that "less is more" and proof that the company's renowned Balanced Design Concept, which emphasizes simplicity and precise execution of proven engineering principles, honors its commitment to accurate and enjoyable musical reproduction.

Now this same attention to detail – and the same vitality in sonic reproduction – is available for multichannel music aficionados as well as videophiles searching for the best in movie soundtrack recreation.

Case in point: the remarkable RMB-1555 multichannel power amplifier. Whether used in a powerhouse home theater system, as a distribution amplifier for several independent zones in your home, or as the foundation of a remarkably flexible multichannel music system, the RMB-1555 fulfills the promise of Rotel's heritage.

Power output is conservatively rated at 120 watts per channel into 8 ohms and this is with all channels driven to full output. With all but the most demanding speakers located in extraordinarily large rooms, the RMB-1555 exerts the kind of precise control that presents both nuance and bombast correctly from the faintest flute overtones to the subterranean rumble of an approaching apocalypse.

Its capability comes from a remarkably stable power supply based on a Rotel-designed and Rotel-built toroidal transformer that provide precise voltages at high current to subsequent circuit stages. In addition, the toroid shape itself reduces stray emissions that might otherwise interfere with signal transfer.

Other internal components are of equally high caliber. They're sourced from Rotel's global supply network only after detailed examination and exhaustive listening tests that separate "good enough" from the truly superlative.

The RMB-1555 uses only discrete output transistors with their higher thermal stability and freedom from the designed-in compromises that characterize their integrated circuit cousins. The Class AB amplifier configuration assures the best balance between power output and thermal efficiency for exceptional MTBF (mean time between failure).

Heavy duty speaker terminals complement the RMB-1555's 12-volt remote control trigger, single-ended RCA inputs, and detachable IEC-type AC cord.

Truly an amplifier for all uses, the RMB-1555 combines superb execution with maximum reliability to demonstrate Rotel's long devotion to satisfying consumer needs.

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SPECIFICATIONS

Continuous Power Output (20-20 kHz, < 0.03%, 8 ohms)	120 watts / channel
Total Harmonic Distortion (20Hz-20kHz, 8 ohms)	5 channels driven < 0.03%
Intermodulation Distortion (60 Hz : 7 kHz, 4:1)	< 0.03%
Frequency Response (+0.5, -3dB)	10Hz - 100kHz
Damping Factor (20-20,000 Hz, 8 ohms)	180
Speaker Impedance	4 ohms minimum
Signal to Noise Ratio (IHF A network)	116 dB
Input Impedance / Sensitivity	12k Ohms / 1.5 volt
Gain	26.5 dB
Power Requirements	
U.S. version	120 Volts, 60 Hz
European version	230 Volts, 50 Hz
Power Consumption	650 Watts
Dimensions	
Width x Height x Depth	431 x 188 x 454 mm 17 x 7 ¹ / ₂ x 17 ⁷ / ₈ ins
Front Panel Height	4U / 176.8mm / 7 ins
Weight (net)	21.8kg / 48.1 lbs

All specifications are accurate at the time of printing.
Rotel reserves the right to make improvements without notice.