



RMB-1555
Multichannel Power Amplifier





ROTEL





The versatile RMB-1555 is perfect for high-end home cinema setups or multiroom music. Its power output is conservatively rated at 120 watts per channel into 8 ohms, with all five channels driven to full output. That's enough to drive all but the most demanding speakers and fill all but the largest rooms with the precise, nuanced sound that audiophiles have come to expect from Rotel amplifiers.

The RMB-1555 is ideal for a high-end home cinema system but it can equally be used as the heart of a remarkably flexible multichannel music system, or as a distribution amplifier for a multiroom, multi-zone music system. It's suitable for all but the most demanding speakers located in extraordinarily large rooms, and exerts the kind of precise control that presents both nuance and bombast correctly from the faintest flute 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 toroid transformer

that provides 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.

Following Rotel's Balanced Design Concept, other internal components are of equally high calibre, sourced only after detailed examination and exhaustive listening tests that separate "good enough" from the truly superlative. Components are carefully chosen, with optimised symmetrical signal paths and many rounds of critical evaluation to ensure that every element works together beautifully. The result really honours Rotel's commitment to accurate and enjoyable sound reproduction.

For example, the RMB-1555 uses only discrete output transistors with their higher thermal stability and freedom from the designed-in compromises that characterise their integrated circuit cousins.

The RMB-1555 features heavy-duty speaker terminals and unbalanced RCA-style inputs. And comes in Class AB configuration the same technology and expertise taken from Rotel's classic stereo power amplifiers for a linear performance that sounds spectacular across a wide range of loudspeakers and assures the best balance between power output and thermal efficiency for exceptional reliability.

Truly an amplifier with many uses, the versatile RMB-1555 combines superb execution with the high reliability consumers have come to expect from Rotel for the amplifier that does it all.





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## SPECIFICATIONS

Continuous Power Output (20-20kHz, < 0.03%, 8 ohms)

**Total Harmonic Distortion** (20Hz-20kHz, 8 ohms)

Intermodulation Distortion (60Hz: 7 kHz, 4:1)

Frequency Response (+0.5, -3 dB)

Damping Factor (20-20,000Hz, 8 ohms)

Speaker Impedance Signal to Noise Ratio (IHF A network) 120 watts/channel, 5 channels driven

< 0.03%

< 0.03%

10Hz - 100kHz

180

4 ohms minimum

116 dB

Input Impedance/Sensitivity
Gain

**Power Requirements** 

U.S. version European version

Power Consumption Dimensions

Width x Height x Depth

Front Panel Height Weight (net)

12k ohms/1.5 volt 26.5 dB

120 volts, 60Hz 230 volts, 50Hz 650 watts

431 x 188 x 454mm 17 x 7 1/2 x 17 7/8 in 4U / 176.8mm / 7 in 21.8kg / 48.1 lb