

## RB-1552MKII

Stereo Power Amplifier



2 x 130 Watts of  
robust power



Class AB amplifier  
design



Balanced XLR  
inputs



High quality British  
engineered slit foil  
capacitors



12 volt trigger  
input

The RB-1552MKII is a 130 watt per channel class A/B amplifier. It is engineered to be powerful and robust, yet able to extract every last nuance out of even the most complex musical score.

Rotel engineering's fanatical attention to detail means the sum is greater than the parts, what we call our Balanced Design Concept\*. Each aspect of design is carefully considered holistically to result in maximum audio performance; from the selection of an over-sized power supply featuring a highly efficient, low magnetic field toroidal transformer to multiple, high-current bipolar output transistors. Circuit topology is planned, implemented, evaluated, and adjusted to achieve optimum results. The RB-1552MKII features independent

left and right power rectification stages and decoupling, and is essentially a mono block design. Further evidence of design over-spec is in the selection of premium "slit-foil" capacitors, which provide plenty of reserve energy for extremely dynamic audio passages and are able to quickly replenish themselves due to the nature of their unique design. Input options are balanced XLR or unbalanced RCA connectors.

The RB-1552MKII stereo amplifier has been engineered to provide high-resolution audio performance, yet it is very affordable, as has been the tradition with Rotel electronics for over 50 years.

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Stereo Power Amplifier



### SPECIFICATIONS

Continuous Power Output (20-20k Hz, < 0.03%, 8 ohms)	130 watts / channel
Total Harmonic Distortion (20 Hz-20k Hz, 8 ohms)	< 0.03%
Intermodulation Distortion (60Hz : 7kHz, 4 : 1)	< 0.03%
Frequency Response ( $\pm 0.5$ dB)	10 Hz - 100k Hz
Damping Factor (20 - 20,000 Hz, 8 ohms)	450
Speaker Impedance	4 Ohms minimum
Signal to Noise Ratio (IHF A network)	120 dB
Input Impedance/Sensitivity	
Unbalance	12k Ohms / 1.5 V
Balance	100k Ohms / 2.5 V
Gain	
Unbalance	26.5 dB
Balance	22.5 dB
Power Requirements	
U.S. version	120 volts, 60 Hz
European version	230 volts, 50 Hz
Power Consumption	400 watts
BTU (4 ohms, 1/8th power)	905 BTU / h
Dimensions	
Width x Height x Depth	431 x 144 x 339 mm
	17 x 5 7/8 x 13 3/8 ins.
Front Panel Height	3U / 132.6 mm / 5 1/4 ins.
Weight (net)	12.4 kg / 27.27 lbs.

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

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