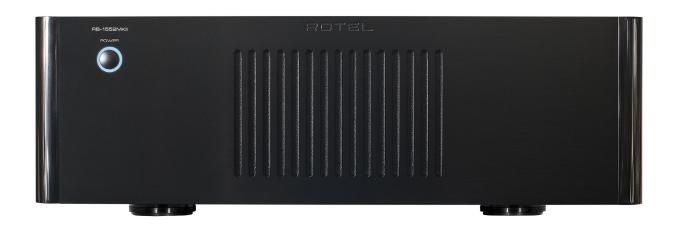


RB-1552MKII

Stereo Power Amplifier







Class AB amplifier design



Balanced XLR inputs



High quality British engineered slit foil capacitors



Rack ears included

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 overspec 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)

Total Harmonic Distortion (20 Hz-20k Hz, 8 ohms) **Intermodulation Distortion** (60Hz:7kHz, 4:1)

Frequency Response (± 0.5dB)

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

Speaker Impedance

Signal to Noise Ratio (IHF A network)

Input Impedance/Sensitivity

Unbalance

Balance

Gain

Unbalance

Balance

Power Requirements

U.S. version European version

Power Consumption

BTU (4 ohms, 1/8th power)

Dimensions

Width x Height x Depth

Front Panel Height

Weight (net)

130 watts / channel

< 0.03%

< 0.03%

10 Hz - 100k Hz

450

4 O hms minimum

120 dB

 $12 k\, Ohms\, /\, 1.5\, V$

100k Ohms / $2.5\,\mathrm{V}$

26.5 dB

22.5 dB

120 volts, 60 Hz

230 volts, 50 Hz

400 watts

905 BTU / h

431 x 144 x 339 mm

17 x 5 % x 13 % ins.

3U / 132.6 mm / 5 1/4 ins.

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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