



**RB-1582 MkII**  
Classic Stereo Power Amplifier



The power to drive the very largest hi fi systems effortlessly, the finesse to draw out the most subtle details. At 200 watts per channel, the RB-1582 MkII is Rotel's most powerful stereo amplifier.

The secret behind the RB-1582 MkII's combination of such brawn with such brains is Rotel's Balanced Design Concept. By carefully choosing components, optimising signal paths, and critically evaluating the results to assess and fine tune performance throughout the design process, the RB-1582 MkII can effortlessly shift from the loudest crescendo to the quietest diminuendo.

Controlled power and high-end performance begins with an extremely large toroidal transformer to provide completely stable power to the output stage. This is combined with a total of 60,000uF storage capacity in special "Slit Foil" capacitors, which can charge and discharge extremely quickly and smoothly, ensuring the amp can respond rapidly

to the most complex or fast-paced changes in signal from a kick-drum rhythm or an entire orchestra in full flow, for example.

On top of that, left and right channels are laid out in dual mono block design (after the toroidal transformer) and all grounding is terminated in a star pattern on a copper grounding plate to ensure low signal to noise. The output stage is a discrete design that consists of ten high current bipolar transistors per channel. And input options consist of both balanced XLR and unbalanced RCA connectors.

Brawn and brains in a 200 watts pure stereo power amplifier, ideal for the most demanding of audiophile systems – the Rotel RB-1582 MkII.

\* For more information about Balanced Design Concept go to [www.rotel.com](http://www.rotel.com)



### SPECIFICATIONS

|  |   |                                  |                    |
|--|---|----------------------------------|--------------------|
| <b>Power Configurations</b>                              | 2 x 200 watts<br>(20Hz-20kHz, <0.03%, 8 Ohms)           | <b>Power Consumption</b>         | 500 watts          |
| <b>Watts/Channel</b>                                     | 200 watts, all channels driven,<br>8 ohm load, 20-20kHz | <b>Dimensions (W x H x D) mm</b> | 431 x 140 x 407 mm |
| <b>THD (20-20,000Hz) 8 Ohms,<br/>all channels driven</b> | < 0.03%   | <b>Dimensions (W x H x D) in</b> | 17 x 5 7/8 x 16 in |
| <b>Damping Factor (8 Ohms)</b>                           | 800   | <b>Front Panel Height</b>        | 3U (5.25")         |
| <b>Input Impedance / Sensitivity</b>                     | 1.5V / 32kOhms  | <b>Shipping Weight</b>           | 40.7 lbs.          |
| <b>Frequency Response (+/-1dB)</b>                       | 10-100kHz (+/-1dB)                                      |                                  |                    |
| <b>S/N Ratio (IHF A)</b>                                 | 116dB   |                                  |                    |

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