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New MKII Rotel home theatre products add Dirac Live room correction

Rotel introduces RSP-1576MKII Surround Processor and RAP-1580MKII Amplified Surround Processor now with best-in-class Dirac Live room correction support.

Tokyo, Japan – September 8, 2020 – The RSP-1576MKII and RAP-1580MKII join the longstanding family of exceptional Rotel home theatre components and now feature best-in-class room correction technology from Dirac to ensure accurate room calibration and system configuration for installations of any size. Built on six decades of audio design experience, these new models continue to deliver on the Rotel brand promise of acoustic performance and exceptional value.



The RSP-1576MKII Surround Sound supports theatres of up to 7.1.4 channels for Dolby Atmos and DTS:X audio formats by using the latest Texas Instruments quad-core DSP.

The surround processor utilizes an array of six audiophile grade Wolfson DACs and features **Dirac Live Full** room correction and a measurement microphone. Dirac Live Full enables 20Hz – 20kHz automatic frequency and time domain adjustments ensuring optimal performance in any size theatre.

As with all Rotel products, the audio performance engineering utilizes Rotel's proprietary Balanced Design Concept built on a bespoke in-house manufactured toroidal transformer, low distortion – noise rejection circuit layout and acoustic tuning of all critical audio circuits. The RSP-1576MKII's architecture is designed as a multi-channel

preamplifier and leverages 60 years of audio design experience to offer uncompromised performance for music and movies alike.

The RSP-1576MKII features seven HDMI 4K HDR video inputs and two HDMI 4K HDR video outputs. The video processing is complimented by an array of audio inputs including: XLR, PC-USB (24-bit/192k), optical (3), coaxial (3), RCA analog (3), iPod USB, apt-X Bluetooth, 7.1 multichannel input - and for classic vinyl lovers, there is even an Moving Magnet Phono Stage input.



Setup functions are available on the HDMI OSD and also on the front VFD display for easy system configuration even when the unit is installed in an equipment rack in a remote location.

This Surround Sound Processor is the ideal companion to Rotel's portfolio of Class AB power amplifiers including the RMB-1585 (5 x 200W, 8 ohms), RMB-1555 (5 x 120W, 8 ohms), RB-1590 (2 x 350W, 8 ohms), RB-1582MKII (2 x 200W, 8 ohms), RB-1552MKII (2 x 120W, 8 ohms), RMB-1506 (6 x 50W, 8 ohms) and RMB-1504 (4 x 70W, 8 ohms) for installations of any size.

The RAP-1580MKII Amplified Surround Processor includes seven channels of Class AB amplification utilizing an oversized Rotel factory built toroidal transformer and high efficiency slit foil capacitors. Power delivery is 100 Watts per channel into 8 ohm loads with all channels driven and 200 Watts of power into 4 ohm loads with two channel driven.

The latest Texas Instruments quad-core DSP and array of six Wolfson 24bit /192kHz audiophile grade DACs ensure the audio performance meets the highest of acoustic standards worthy of the Rotel brand. The DSP and DACs are supported with critically tuned sonic components delivering clean, accurate and precise audio to the array of amplifier output devices, ensuring effortless energy and tremendous depth to the sound stage.

In addition to exceptional audio processing and performance, the RAP-1580MKII also includes support and a license for **Dirac Live LE** room correction - delivering adjustments in the most difficult frequency region from 20Hz to 500Hz.

By utilizing the included calibration microphone, the Dirac software measures and calculates the DSP coefficients for a totally unique, pristine listening experience.

A full set of source inputs are available including optical, coaxial, analog, XLR, iPod USB, PC-USB (24/192), apt-X Bluetooth - for high quality wireless streaming - and a Moving Magnet Phono Stage for classic vinyl fans. The eight HDMI inputs include seven on the back and one on the front, with three HDMI's supporting 4K/HDR pass-through and both HDMI outputs supporting 4K/HDR.



Multiple amplifier configuration options are available allowing redirection of the internal amplifiers to the overhead and surround channels while allowing external amplification for the main channels for larger theatre installations. This ensures all seven channels of internal amplification can be utilised regardless of the theatre and speaker sizes, to provide the ultimate flexibility.

The front panel graphic display provides easy to read status and simple configuration of all setup options. The Rotel RAP-1580MKII is simple to operate, powerful, flexible, and refined. It is a state-of-the-art single chassis audio/video component that outperforms most separates. In either stereo or surround sound mode, this is a serious audio component.

Control system integration of both RSP-1576MKII and RAP-1580MKII is made easy with RS232 and IP Ethernet controls including software updates, three assignable independent 12V trigger outputs, wired IR input and output and an available custom rack mount kit.

The RSP-1576MKII and RAP-1580MKII are available in both Silver and Black colors.



The RSP-1576MKII will be available starting in September 2020 with the RAP-1580MKII to follow in October 2020.

Manufacturer suggested retail pricing for the new models:

RSP-1576MKII - \$3,499, €3,000, £2,600

RAP-1580MKII - \$4,999, €4,300, £3,800

For more information please contact:

Craig Duggan

CMC PR

0203 494 4422

craig@cmcpr.co.uk

About Rotel

Rotel audio products are known worldwide for their quality, reliability, value, and, above all, exceptional sound reproduction. Since 1961, Rotel has utilised the resources of its formidable international design team and has manufactured its products in its own sophisticated production facilities. Rotel proudly offers a complete range of electronics that have consistently received critical acclaim and coveted industry awards. With substantial investment in new technologies and manufacturing, Rotel is prepared to meet the challenges of an evolving specialty electronics marketplace.