The RSP-1576MKII has been custom engineered for music and movie lovers alike utilizing Rotel’s 58+ years of design experience. This high-performance pre-amplifier decodes all popular multi-channel audio formats with vivid resolution and exceptional clarity keeping true to Rotel’s audio brand heritage.

This processor includes 7 HDMI 4K/HDR video inputs with dual HDMI 4K/HDR video outputs with ARC support. Audio processing utilizes a state-of-the-art Texas Instruments quad core DSP supporting Dolby Atmos and DTS:X up to 7.1.4 theaters.

Complimenting the DSP is an array of 6 audiophile grade Wolfson 24b/192K DACs preforming the Digital to Audio conversion. The RSP-1576MKII is fully licensed for Dirac Live Full edition room correction and includes a measurement microphone. Dirac audio calibration technology utilizes proprietary time-domain and amplitude correction algorithms ensuring a truly uniquely, pristine listening experience regardless of theater size.

The architecture of the RSP-1576MKII includes individual audio and video processing circuits ensuring highest in class performance. All critical audio circuits were tuned in the UK by an acoustic engineering team further ensuring the RSP-1576MKII accurately reproduces audio from the dynamics of blockbuster movies to the subtle nuances buried deep within an orchestral concerto.

Supported input sources include analog (3), coaxial (3), optical (3), PC-USB (24b/192k), iOS USB, XLR, apt-X Bluetooth and a Moving Magnet Phono Stage for vinyl enthusiasts.

The RSP-1576MKII seamlessly integrates with all popular control systems using either RS232 or Ethernet with software updates available via the front USB or over the Internet. The setup menu is available on both the HDMI output and on the integrated VFD display providing easy access to all configuration options.

Supported by a full lineup of Rotel Class AB amplifiers ranging from 70 Watts to 350 Watts in 2, 4, 5 and 6 channel options, the RSP-1576MKII is sure to provide countless hours of entertainment.
## SPECIFICATIONS

### Audio
- **Total Harmonic Distortion**
  - 0.0006% (Analog Bypass)
  - 0.003% (Digital Input)
- **Intermodulation Distortion**
  - (60 Hz : 7 kHz, 4:1) < 0.005%
- **Frequency Response**
  - **Phono Input**
    - 20 Hz - 20k Hz, ± 0.5 dB
  - **Analog Bypass**
    - 10 Hz - 100k Hz, ± 1 dB
  - **Digital Input**
    - 20 Hz - 20k Hz, ± 0.5 dB
- **Signal to Noise Ratio**
  - (A-weighted)
    - **Analog Bypass**
      - 112 dB
    - **Digital Input**
      - 112 dB
- **Input Sensitivity/Impedance**
  - **Phono Level**
    - 3.5 mV / 47k ohms
  - **Line Level**
    - 270 mV / 100k ohms
  - **Balance Level**
    - 500 mV / 100k ohms
- **Preamp Output Level**
  - **Line Level**
    - 1.0 V
- **Channel Separation**
  - > 75 dB (at 10k Hz)
- **Digital Audio**
  - LPCM (up to 192kHz, 24-bit)
  - Dolby® Surround,
  - Dolby® TrueHD, Dolby® Atmos,
  - DTS-HD Master Audio,
  - DTS:X
  - Dirac Live Full

### Video
- **Input Resolutions**
  - 480i/576i, 480p/576p, 720p,
  - 1080i, 1080p, 1080p 24Hz,
  - 3D, 4K, UHD, 4K HDR10
- **Output Resolution**
  - 480i/576i, 480p/576p, 720p,
  - 1080i, 1080p, 1080p 24Hz,
  - 3D, 4K, UHD, 4K HDR10
- **Color Space Support**
  - sRGB, YCbCr 4:2:2, YCbCr 4:4:4
- **Deep Color Support**
  - 24-bit, 30-bit, 36-bit
- **HDMI Inputs/Outputs**
  - 7 inputs supporting HDCP 2.2, HDMI2.0b
  - 2 outputs supporting HDCP 2.2, HDMI2.0b
  - Audio Return Channel

### General
- **Power Consumption**
  - 60 watts
  - < 0.5 watt (standby)
- **Power Requirements (AC)**
  - 120 volts, 60 Hz
  - 230 volts, 50 Hz
- **BTU**
  - 114 BTU/h
- **Dimension (W x H x D)**
  - 431 x 144 x 348 mm
  - 17 x 5 1/2 x 13 1/7, in
- **Front Panel Height**
  - 3U / 132.6 mm / 5 1/4, in
- **Weight**
  - 8.8 kg / 19.4 lbs

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

[www.rottel.com](http://www.rottel.com)