

ROTEL

# Home Theater

## RDV-1080

DVD-AUDIO & PROGRESSIVE  
SCAN DVD PLAYER

The RDV-1080 is Rotel's answer to those who want to take immediate advantage of the sonic advantages inherent in the newest audio format, DVD-A. Developed with the latest LSIs (large scale integrated circuits) to handle digital to analog conversion of up to 24 bit data sampled at 192 kHz, the RDV-1080 also benefits from typical Rotel details in the all-important analog stage. Here, capacitor choices and fine tuning result in an aural presentation that is even more spectacular than you might expect. This sonic integrity also extends to conventional CDs, where the RDV-1080 excels at presenting a musical image second only to the concert hall or recording studio where the original recording took place. On the video front, 10-bit video D/A conversion assures proper treatment of the most demanding video source and progressive scan component video outputs deliver the stunning potential of DVD-V discs to the most revealing direct view TV sets and large screen.



### PRODUCT SPECIFICATIONS

<b>General</b> <b>Readable discs:</b> DVD Audio, DVD Video, Audio CD, Video CD <b>Video format:</b> NTSC, 525i/525p selectable	<b>COMPONENT (pin jack):</b> Y Output: 1.0 Vp-p (75 ohms) PB/PR Output: 0.7 Vp-p (75 ohms)  <b>VIDEO OUT (pin jack):</b> 1.0 Vp-p (75 ohms) <b>S-VIDEO OUT (S jack):</b> Y Output: 1.0 Vp-p (75 ohms) C Output: 286 mVp-p (75 ohms)	<b>Audio characteristics</b> <b>Frequency response:</b> CD (sampling frequency 44.1 kHz): 2 Hz to 20 kHz DVD (sampling frequency 48 kHz): 2 Hz to 22 kHz (2 Hz to 20 kHz for DTS and Dolby Digital bitstream signals) DVD (sampling frequency 96 kHz): 2 Hz to 44 kHz DVD (sampling frequency 192 kHz): 2 Hz to 88 kHz <b>Dynamic range:</b> 16 bit: More than 100 dB 20 bit: More than 108 dB 24 bit: More than 108 dB <b>Vow and flutter:</b> Unmeasurable <b>Total harmonic distortion:</b> (less than $\pm 0.002\%$ ) Less than 0.002%
<b>Dimensions (W x H x D)</b>	430 x 121 x 303 mm 16 <sup>15</sup> / <sub>16</sub> x 4 <sup>7</sup> / <sub>8</sub> x 12"	
<b>Horizontal resolution:</b> 500 Lines <b>Signal to noise ratio:</b> 65 dB  <b>Audio output</b> <b>ANALOG OUT (pin jack):</b> 2.0 Vrms (10 k ohms) <b>DIGITAL OUT (optical):</b> - 21 to -15 dBm (Peak) (coaxial): 0.5 Vp-p (75 ohms)		

\*Specifications and appearance subject to change with out prior notice.