



## *Tuner, High Resolution CD Player*

### **RT-1080 Tuner**

The RT-1080 AM/FM tuner is the perfect RF source for a custom-installed system, thanks to a bi-directional RS-232 computer-style interface, dual antenna inputs, and total remote control capability. Sound quality comes from the same attention to detail that distinguishes every Rotel: custom-wound transformers, high grade power supply parts, refined audio circuits carefully designed to reveal all the subtleties FM broadcasts can bring. The RT-1080 also includes RDS (Radio Data System) enhancements to make FM broadcasting even more enjoyable.\* RDS lets you see your favourite station's call letters, for example, and the type of program material they're broadcasting. Thirty (30) direct access presets allow you to program your favourite stations for quick recall. A variety of tuning modes and built-in compensation for international FM broadcast standards make this tuner truly universal.

\* RDS functions determined by your local radio stations.

### **RCD-1072 High Resolution CD Player**

The RCD-1072 proves conclusively that cost-conscious high performance in a single disc CD player is still available – and still outperforming many so-called “audiophile” DVD players. Utilizing circuit configurations originally developed for Rotel's reference-class components, this affordable unit redefines your sonic expectations. The segmented power supply features a large toroidal transformer for minimal power supply “sag” as well as reduced hum emissions. High quality rectifiers, tight tolerance voltage regulation, and low-ESR storage capacitors make sure that all circuits always operate as their designers intended. The critical analog stage uses meticulously selected parts in a “minimalist” circuit environment to ensure the finest sound quality. The RCD-1072 uses the same over-scan disc mechanism once reserved only for premium priced players. The remarkable new Burr-Brown PCM-1732 IC provides advanced digital filtration, HDCD decoding, and precise D/A conversion. A coaxial digital output supplements the high current analog outputs. A highdensity FL display, complete programming capability, remote control, and a 12-volt trigger complete the picture.

## Tuner, High Resolution CD Player

RCD-1072  
The Absolute Sound  
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"The Rotel reveals musical lines and transient details with unrivalled clarity. One again, Rotel has set a lofty benchmark for value-added performance."



RT-1080



RCD-1072

Model	RT-1080	Model	RCD-1072
Audio		Total Harmonic Distortion + Noise	0.0045% @ 1kHz
Watts/Channel	—	Intermodulation Distortion	0.0045% @ 1kHz
all channels driven, 8 ohm load, 20 to 20kHz, 0.03% THD, max.		Frequency Response	20 – 20kHz (± 0.5 dB)
THD, (20 – 20kHz)	—	Channel Balance	± 0.5dB
IM Distortion	—	Phase Linearity	± 0.5 degree
Input Sens. / Impedance		Channel Separation	> 98dB @ 1kHz
phono	—	Signal to Noise Ratio	> 100dB
line level	—	Dynamic Range	> 96dB
Output Level	—	Digital to Analog Converters	18 bit equivalent, multi-level Delta-Sigma DAC with 8x oversampling digital filter and HDCD Quartz Crystal Precision
Frequency Response	10 – 15kHz (±3dB)	Speed Accuracy, Wow & Flutter	
Damping Factor	—	Output Impedance	100 Ohms
Tone Control		Digital Output	0.5 Volt, Peak to Peak
Bass	—	Load Impedance	75 Ohms
Treble	—	Power Requirements	AC 230V, 50 Hz
S/N Ratio (IHF A)	—	Power Consumption	20Watts
FM S/N Ratio (@65dBf)	75dB (mono), 72dB (stereo)	Dimensions (W, H, D)	433 x 92 x 337mm
FM Usable Sens. (75 )	12.2 dBf	Front Panel Height	80mm
FM 50 db Quietening (75 )		(for rack mount)	
mono	20.2 dBf	Weight (net)	5.8kg
stereo	45.3 dBf		
FM Harmonic Distortion	0.2% (mono) 0.3% (stereo)		
(65dBf/1kHz)			
FM Capture Ratio	2.0 dB		
Alt Chan. Selectivity	47 dB		
Spurious Response Ratio	90 dB		
Stereo Separation	40dB/45dB/35dB (100Hz/1kHz/10kHz)		
AM Sensitivity	300µV/m		
AM Selectivity	25dB		
Power Consumption	10Watts		
Dimensions (W x H x D)	433 x 92 x 334mm		
Front Panel Height	80mm		
Weight (net)	15lbs		