

ROTEL

Home

Theater

RSX-972

100 WATT MULTI-CHANNEL
RECEIVER

Rotel's RSX-972 100 Watt Multi-channel Receiver is the truly elegant solution for those who want a balanced combination of high performance, non-intimidating operation, easy setup, forward compatibility, and space-conscious design. The RSX-972 brings includes Dolby Digital and its decoding thanks to advanced microprocessors from Crystal Semiconductor and Motorola. Full-Auto Detect makes the RSX-972 easy to use by analyzing the data stream from any digital source and automatically selecting proper decoding. A "pure stereo" mode, as well as five-channel DSP (Digital Signal Processing) options for multiple effects let you tailor the receiver's capabilities to precisely match the source you're listening to. And the RSX-972 also includes a six channel input so you'll be ready for DVD-Audio or whatever new format may be here tomorrow. When driven together the five power amplifiers can deliver 75 watts (RMS per channel, all channels driven into 8 ohms from 20 Hz - 20kHz with less than 0.05% THD) enough for wall-rattling levels with all but the most inefficient speakers. Six preamplifier outputs let you use even more powerful amplification for high output level requirements. The AM/FM tuner section features thirty station presets to provide quick access to all your favorite broadcasts. Custom-programmed station IDs and a direct input keypad let you quickly access any station without scanning unwanted frequencies. Other analog audio inputs include phono, CD, and two tape monitor circuits with dubbing capability. The RSX-972 also accommodates five audio/video sources with both composite or S-Video connections and component video. Five digital inputs (three coaxial, two optical) and 2 digital outputs (1 optical and 1 co-ax) let you configure even the most complex system with ease.



PRODUCT SPECIFICATIONS

Model	RSX-972	Tone Controls (Bass/Treble)	+/-8 dB at 100 Hz/ 10 KHz	Antenna Input	75 ohms unbalanced
Power Rating	100 watts/ch (1kHz 1%)	Line Output Level	600 mV (200 mV Input)	Stereo Separation	45 dB
Continuous amp power	75 watts/ch (20-20kHz)	Video (S-Video)		AM Sensitivity	500 uV/m
THD (1kHz)	—	Frequency Response	3 Hz-10 MHz, ± 3 dB	AM S/N Ratio	40 dB†
Freq. Response		S/N Ratio	45 dB	Output level	500 mV
line level	10 Hz-20 KHz, +/- dB	Input/Output Impedance	75 ohms	Antenna Input	Loop Antenna
digital level	10 Hz - 20 kHz, $\times 0.3\text{ dB}$	Output Voltage (75 ohm)	TV	Power Consumption	890 watts
IM Distortion	(60 Hz-7 kHz) <math>< 0.03\%</math>	Tuner		Dimensions (W x H x D)	445 x 160 x 400 mm
S/N Ratio: HF A weighted		FM S/N Ratio (at 65 dB†)	70 dB†	Weight (net)	15 Kg/33 lb.
Stereo Analog	92 dB	FM Usable Sens. (75 Ω)	14.2 dB†		
Dolby Digital dts	90 dB 0dBfs	FM Harmonic Distortion	0.03%		
Input Sens/ Impedance	200 mV/47 Kohms	Line Level	TV		

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

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