

ROTEL

Stereo Receiver

RX-975

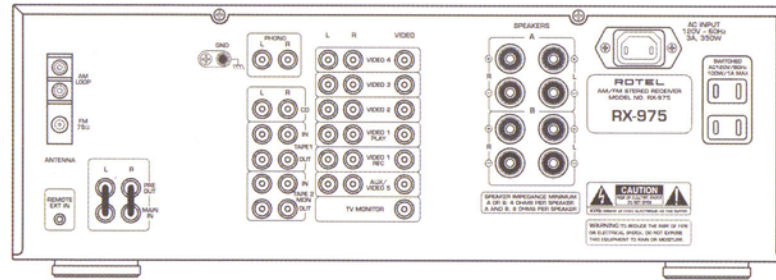
AM/FM STEREO RECEIVER

The RX-975 proves conclusively that "stereo" does not mean "anti-quoted." In fact, with output power of 100 watts per channel (both channels driven into 8 ohms, 20 Hz - 20 kHz, < 0.05% THD), this all-in-one stereo receiver proves that simplicity, flexibility, and sound quality are not mutually exclusive.

The RX-975's 600 VA toroidal transformer and two low-ESR 12,000 µf storage capacitors form the basis of a rock solid, multi-section power supply. Eight 15 amp/130 watt output devices insure uncompromising reproduction of the most demanding sources, even when used with inefficient speakers in large rooms.

This receiver also boasts the convenience of pre-out/main-in jacks for easy interface with an additional amplifier if needed. The RX-975's 10 source inputs include a high quality moving magnet phono preamp which means new life for record collections. Additional convenience features include the RR-949 pre-programmed remote control, a detachable IEC-type power cord, A/B speaker selector, and headphone jack.

But the RX-975 reproduces more than just music. A full array of composite video inputs and outputs with switching makes this unit eminently suited for use as the heart of a complete two-channel home entertainment system as well.



PRODUCT SPECIFICATIONS

Model Number	RX-975	Video		AM Suppression Ratio:	52 dB
Audio		Frequency Response:	3 Hz - 10 MHz, ± 3 dB	Stereo Separation	
Continuous Amplifier Power:	100 watts/channel (20 - 20k Hz, <0.05% THD, 8 ohms)	Signal to Noise Ratio:	45 dB	(100 Hz/1 kHz/10 kHz):	40 dB/45 dB/35 dB
Total Harmonic Distortion:	<0.05% at rated power	Input Impedance:	75 ohms	Output Level:	550 mV
Intermodulation Distortion (60 Hz: 7 kHz):	<0.05% at rated power	Output Impedance:	75 ohms	Antenna Input:	75 ohms unbalanced
Frequency Response:		Output Level:	1 volt	AM Tuner	
line Level:	10 Hz - 70kHz, ± 3 dB	FM Tuner		Sensitivity:	500 µV/m
Phono:	20 Hz - 20 kHz, ± 1.5 dB	Usable Sensitivity:	14.2 dBf	Selectivity:	25 dB
Signal to Noise Ratio (IHF "A" weighted):	92 dB	50 dB Quieting Sensitivity:	20.2 dBf (mono) 45.3 dBf (stereo)	Image Response Ratio:	35 dB
Input Overload:		Signal to Noise Ratio (at 65 dBf):	70 dBf (mono) 65 dBf (stereo)	Signal to Noise Ratio:	40 dB
Line Inputs:	5 V	Harmonic Distortion (at 65 dBf):	0.3% (mono) 0.5% (stereo)	Output Level:	160 mV
Phono Inputs:	> 120 mV	Frequency Response:	30 Hz - 14 kHz, ± 1.5 dB	Antenna Input:	Loop Antenna
Preamplifier Output Voltage:	1.1 V	Capture Ratio:	2.0 dB	General	
Input Sensitivity/Impedance:		Alternate Channel Selectivity:	47 dB (± 400 kHz)	Power Consumption:	350 watts
Line Level:	200 mV/47 kohms	Spurious Response Ratio:	80 dB	Power Requirements (AC):	120 volts, 60 Hz (USA version) 230 volts, 50 Hz (European version)
Phono:	3.1 mV/47 kohms	Image Response Ratio:	65 dB	Weight:	11.5 Kg/25.4 lb.
Tone Controls (Bass/Treble):	± 8 dB at 100 Hz/10 kHz	IF Response Ratio:	80 dB	Dimensions (W x H x D):	450 x 158 x 400 mm 17 3/4 X 6 1/4 x 15 3/4 inches