

ROTEL

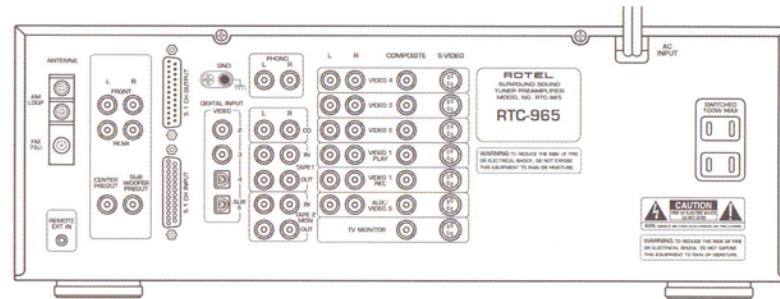
Home Theater

RTC-965 SURROUND SOUND TUNER/PREAMPLIFIER

The RTC-965 provides the convenience of a receiver with the flexibility and power of separate components when used with your choice of separate power amplifiers.

It is actually three components in one: A preamplifier and switching center for the most advanced surround sound home entertainment systems, a sophisticated audio decoder based on Crystal Semiconductors remarkable new 4926 microprocessor that handles Dolby Surround, Dolby Digital, and DTS-encoded sources, and an advanced video selector/signal router for both composite and S-Video sources.

The RTC-965s 10 inputs (including Tuner) also incorporate moving magnet phono connections so you can enjoy all the records you've collected over the years. A 5.1 analog input jack makes the RTC-965 "future proof" so you don't have to worry about obsolescence if a new format becomes popular in the future. The user-friendly on-screen display makes setup easy and the pre-programmed universal remote control puts you in clear charge of even the most complex system. An AM/FM tuner with 30 presets completes this superbly engineered product.



PRODUCT SPECIFICATIONS

Model Number	RTC-965	Video		AM Tuner	
Audio		Frequency Response:	3 Hz-10 MHz, ± 3 dB	Sensitivity:	500 µV/m
Total Harmonic Distortion:	<0.03%	Signal to Noise Ratio:	45 dB	Signal to Noise Ratio:	40 dBf
Intermodulation Distortion (60 Hz: 7 kHz):	<0.03%	Input Impedance:	75 ohms	Output Level:	150 mV ± 30 mV
Frequency Response (line level):	10 Hz - 70 kHz, ± 3 dB	Output Impedance:	75 ohms	Antenna Input:	Loop Antenna
Signal to Noise Ratio (IHF "A" weighted):	92 dB (Stereo) 70 dB (Dolby Digital)	Output Level:	1 volt	General	
Input Sensitivity/Impedance		FM Tuner		Power Consumption:	40 watts
Line Level:	200 mV/47 kohms	Usable Sensitivity:	14.2 dBf	Power Requirements (AC):	115 volts 50/60 Hz or 230 volts 50/60 Hz
Phono Input:	3.5 mV/45 kohms	Signal to Noise Ratio:	70 dBf	Weight:	6.9 Kg/15.2 lb.
Tone Controls (Bass/Treble):	±8 dB at 100 Hz/10 kHz	Harmonic Distortion:	0.3%	Dimensions (W x H x D):	450 x 158 x 303 mm 17 3/4 x 6 1/4 x 12 inches
		Stereo Separation (1 kHz):	45 dB		
		Output Level (mono):	550 mV, ± 100 mV		
		Antenna Input:	75 ohms unbalanced		