

ROTEL

Home Theater

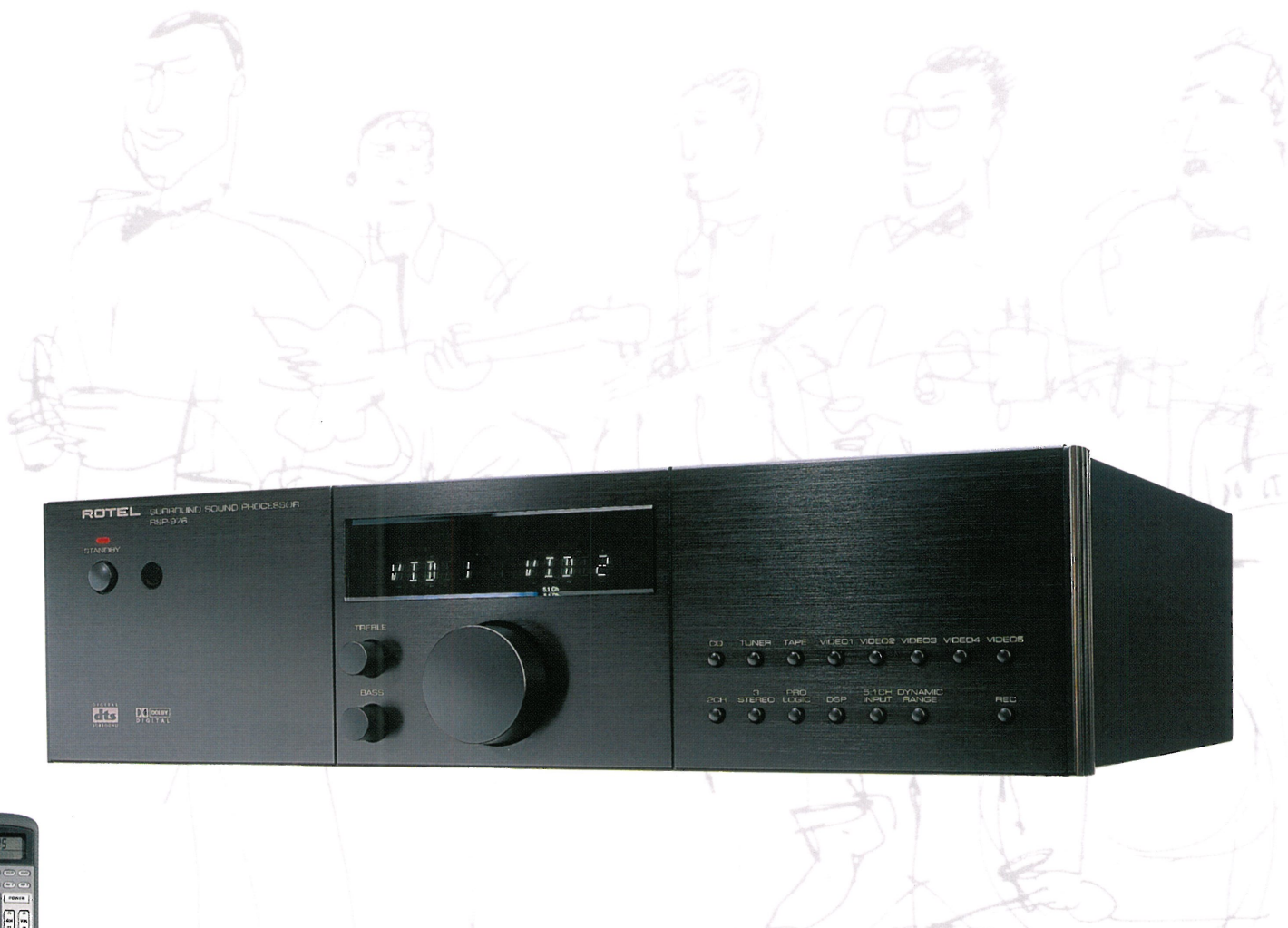
RSP-976

**SURROUND SOUND
TUNER/PREAMPLIFIER**

The RSP-976 Surround Sound Processor/Preamplifier brings the vaunted advantages of Rotel's design expertise to benefit cost-conscious audio and videophiles. Rotel's traditional concern for sound quality begins with a power supply built around a high current transformer designed and manufactured in our own factory specifically for the RSP-976. Low-ESR capacitors and optimized analog circuitry preserves and transmits every nuance of your favorite music or soundtrack. Specially chosen and trimmed A/D and D/A converters handle those critical transitions. Advanced Crystal Semiconductor digital processors decode Dolby Digital, dts, or Dolby Pro Logic sources. Additional DSP modes make full use of home theater speaker arrays while playing 2-channel sources. Eight analog inputs complement the RSP-976's five digital inputs (three coaxial, two optical). In addition, one coaxial and one optical input are assignable so you can configure your system to match the way you want to use it. A separate 5.1 channel input provides "future proof" format compatibility. All five video inputs accommodate either composite or S-video signals while two also handle component video for the best possible picture. Wide bandwidth video switching and a component video output for a high resolution monitor assure optimum picture quality regardless of the source. The RSP-976's simplified front panel invites easy use, even by those intimidated by today's increasingly complex home entertainment technology. The informative front panel LCD display provides instant status checks while a visually engaging on-screen menu facilitates easy system setup. Fully independent and remote-operable "Zone 2" audio outputs, an RS-232 system interface, a programmable hand held remote controller, a detachable IEC-type power cord, and two 12V trigger outputs make the RSP-976 an ideal centerpiece for even the most complex custom-installed systems.



RR-969



PRODUCT SPECIFICATIONS

Model	RSP-976		
Audio		Tone Controls (Bass/Treble):	± 8 dB at 100 Hz/10 kHz
Total Harmonic Distortion:	<0.03%	Line Output Level:	600 mV (200 mV Input)
Intermodulation Distortion (60 Hz: 7 kHz):	<0.03%		
Frequency Response (line level):	10 Hz - 20 kHz, ± 1 dB	Video	
(digital level):	10 Hz - 20 kHz, ± 0.3 dB	Frequency Response:	3 Hz-10 MHz, ± 3 dB
Signal to Noise Ratio (IHF "A" weighted):	92 dB (Stereo) Analog 90 dB (Dolby Digital, dts) 0dBfs	Signal to Noise Ratio:	45 dB
Input Sensitivity/Impedance		Input Impedance:	75 ohms
Line Level:	200 mV/47 kohms	Output Impedance:	75 ohms
		Output Level:	1 volt
		Dimensions (W x H x D)	440 x 121 x 303 mm 17 3/8" x 4 7/8" x 12"
		Weight (net)	6.9 Kg/15.2 lb.

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