

ROTEL®

®

£179.90

AM/FM STEREO
RECEIVER

RX-602

The beauty of the RX-602 AM/FM Stereo Receiver.
It's not skin-deep.

Add a high performance, high-sensitivity tuner to advanced PLL MPX circuitry...then add a high-power, low-distortion power amplifier to all the other RX-602 features...and what does it all add up to? An experience in sound

that you'll not only want to have around to set the pace of your living room enjoyment, but one you'll also find hard to resist because the price makes the professional quality so readily accessible.

FINISHED IN BLACK MATT.



ROTEL® RX-602 AM/FM STEREO RECEIVER

Here are all the full-performance features and specifications



A high-performance, high-sensitivity tuner . . .

For truly fantastic sound enjoyment, the high-performance, high-sensitivity tuner Rotel engineers for the RX-602 gives you super high sensitivity, excellent rejection characteristics, and distortion so low it's negligible. For a big boost in selectivity along with lasting reliability, ceramic filters and advanced integrated circuitry go snugly into the FM IF section.

What about the power amp? . . . What about it? It's high-power, low-distortion all the way. With split power supply and 100% directly coupled OCL circuitry (OCL circuitry has low-noise silicon transistors that give 40W/40W continuous music power into 8 ohms at less than 0.5% THD both channels driven — or 35W/35W RMS continuous power into 8 ohms at less than 0.5% THD both channels driven from 20 to 30,000 Hz). If that's not superb output, you tell us what is.

Advanced NF and IC equalizer amp . . .

Advanced because of the advanced electronics — low-distortion, 2-stage directly coupled NF (negative feedback) circuitry with high-voltage integrated circuitry achieve genuinely outstanding RIAA characteristics. For terrifically transparent reproduction quality, tone control circuitry also features directly coupled negative feedback circuitry.

FM and audio muting . . . FM muting effectively removes inter-station noise during tuning. Audio muting instantly lowers the volume level by -20dB without disturbing the volume setting when temporary lowering of volume is necessary.

Extra-wide linear FM dial scale & large tuning meters . . .

The extra width of the linear FM Dial scale results in easy, precise tuning. The size of the vernier scale makes it easy to see. Large tuning meters complement this ease

all the more with smooth flywheel action knob that get you right-on to a station quickly.

PLL MPX section . . . Utilization of PLL (phase lock loop) integrated circuitry and other improved circuitry in the MPX section allows for effective stereo separation and excellent frequency response. Distortion never gets in the way of stereo enjoyment.

A bonus feature — electronic protection circuitry . . . A automatic re-settable protection circuit that prevents damage to your speaker system through overload.

Switches and controls . . . Volume; bass and treble are concentric for separate left and right channels controls (with convenient stepped control for pin-point setting); balance; speakers control for use of one or the other, or both pair of speakers and simulated 4-channel. FM muting, audio muting, tone defect, high filter, mode, loudness, twin tape monitor switches with dubbing from 1 to 2, and a durable power switch.

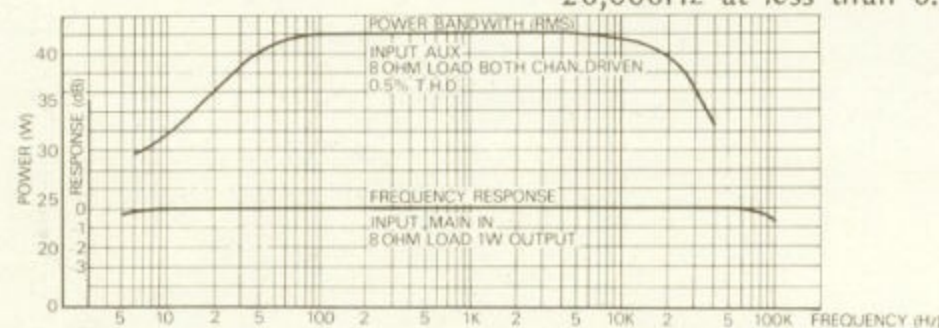
Connections . . . Inputs for PHONO 1 and 2, for AUX 1 and 2, and TAPE MONITOR 1 and 2; separable pre-amp and power amp; terminals for FM antenna and AM antenna connections; AM ferrite loopstick antenna on rear panel; front panel headphone jack; and AC outlets.

The performance and the advanced electronics that make RX-602 enjoyment possible are enclosed in a cabinet that stands out in any system: hair-line brushed extruded aluminum front with luxury metal knobs. Cabinet itself has a beautiful simulated walnut finish. This long, lean look is human-engineered up, down, and all-around to be a great looker and an equally great performer.

SPECIFICATIONS

AMPLIFIER SECTION

Music Power Output (IHF)	170W (4 ohms)
Continuous Power Output (RMS)	60W/60W (4 ohms)
(each channel driven)	45W/45W (8 ohms)
Continuous Power Output (RMS)	48W/48W (4 ohms)
(both channels driven)	40W/40W (8 ohms)
	35W/35W (8 ohms, from 20 to 20,000Hz at less than 0.5% THD)



Harmonic Distortion	less than 0.1% (32W/32W RMS 1 kHz)
IM Distortion	less than 0.15% (32W/32W RMS 70Hz + 7kHz, 4 : 1)
Power Bandwidth (IHF)	5 to 50,000Hz
Frequency Response	10 to 100,000Hz ± 3dB
Damping Factor	40 (8 ohms, 1 kHz)
Input Sensitivity/Impedance	MAIN IN 820mV/33kohms TAPE MONITOR 130mV/50kohms AUX 1, 2 130mV/60kohms PHONO 1, 2 2.5mV/60kohms
Tape Output Level	300mV/3 kohms
Phono Overload	130 mV (1 kHz)
Phono Equalization	RIAA S.T.D. ± 0.5 dB
Base Control	± 10 dB at 100Hz
Treble Control	± 10 dB at 10 kHz

Loudness Contour	+ 8 dB/100Hz, +4dB/10kHz
Crosstalk	50 dB/10 kHz
Hum and Noise (S/N)	PHONO 65dB (continuous power output) TAPE 80dB Residual 0.5mV
Speaker Impedance	4 to 16 ohms

FM TUNER SECTION

Frequency Range	88 to 108 MHz
Sensitivity (IHF)	1.8 microvolts
Signal-to-Noise Ratio	67 dB
Harmonic Distortion	0.2%
Selectivity	70 dB ± 400 kHz
Capture Ratio	1.5 dB
Stereo Separation	40 dB/100Hz, 40dB/1 kHz, 35dB/10 kHz
IF Rejection	100 dB
Image Rejection	80 dB
Spurious Response Rejection	100 dB
SCA Suppression	70 dB
AM Suppression	55 dB

AM TUNER SECTION

Frequency Range	525 to 1650 kHz
Sensitivity	20 microvolts
Selectivity	30 dB
IF Rejection	50 dB
Image Rejection	50 dB

GENERAL

Power Consumption	200W (maximum)
Power Supply	AC 100, 120, 220, 240V 50/60Hz
Dimensions (overall)	22-1/2"W x 13"D x 5-3/8"H
Weight (net)	10 kg/22 lbs.

Quality. Uncompromised.

ROTEL®

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Note: Features and specifications subject to change without prior notice.