

# ROTEL®

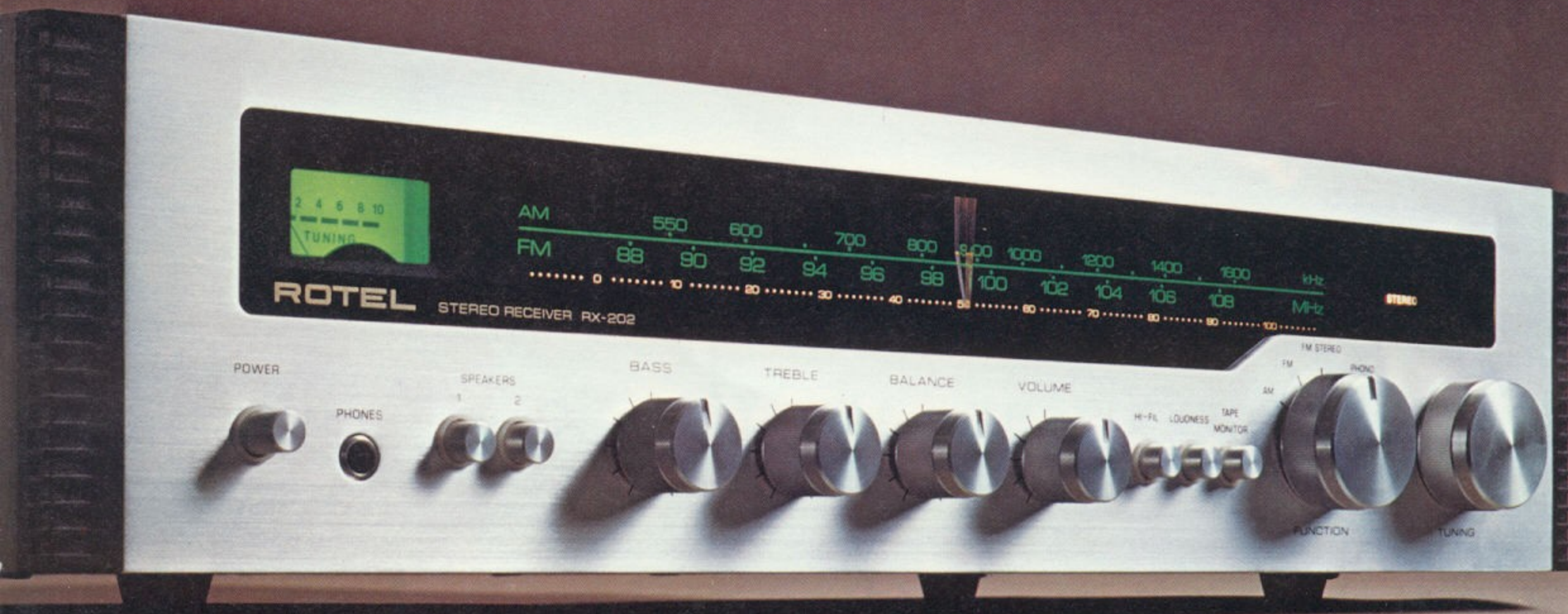
*K104-50*  
AM/FM STEREO  
RECEIVER

## RX-202

If you're looking for a stereo receiver that features sky-high performance at down-to-earth cost—stop looking.

You're on the right track the minute your search takes you in the direction of the RX-202 AM/FM Stereo Receiver. We've given the RX-202 everything you'll find in substantially higher priced receivers...all of the performance-proven

electronics which make a sky-high difference in sound quality...at remarkably realistic cost. Let your eyes be the first judge of RX-202; see the flip side of this leaflet for full performance particulars...then let your ears take over.



# ROTEL® RX-202 AM/FM STEREO RECEIVER



**A peak performance tuner . . .** FM FET's in the front end give ameliorated sensitivity and low-distortion characteristics . . . ceramic filters and integrated circuitry in the FM IF section mean your new RX-202 has long-lasting reliability and exceptionally outstanding selectivity advantages.

**The RX-202 goes wide . . .** More precisely, that's 'wide' as far as the linear FM dial scale is concerned. The extra width means easy, precise tuning on the easy-to-see vernier scale.

**The RX-202 goes large . . .** The large tuning knob and meter chalk up big advantages, too: Smooth flywheel action and clear meter indication. You tune right-on to the station you want to hear in a flash. No fuss. No fumble. No fingering around.

**Low-distortion power amp . . .** Low-noise silicon transistors make up a large part of the RX-202's advanced semi-complementary SEPP circuitry. This means exceptional output characteristics, 15W/15W RMS continuous power into 8 ohms at less than 1% THD both channels driven.

**NF equalizer amp . . .** Here's another performance payoff. A low-distortion 2-stage direct-coupled NF (negative feedback) circuit in the RX-202 achieves flawless RIAA characteristics. Tone control circuitry also has the same high-performance NF-type circuitry for crisp, clear reproduction.

**Now for versatility . . .** A whole slew of the versatile controls and switches you need to stay on top in solid sound enjoyment:

Volume; bass; treble; balance; selector; loudness; tape monitor; twin speaker switches for operating two pair of speakers; rear panel simulated 4-channel activation switch for true-to-life surround sound (4-channel stereo); a high filter that puts dampers on unwanted high-frequency noises; and a durable power switch.

**Link up . . . here's everything to do it with . . .** Inputs for PHONO (magnetic and ceramic cartridges); connection provision for TAPE; AUX and TAPE MONITOR; outputs for TAPE/AUX and TAPE MONITOR; terminals for two pair of speakers; terminals for balanced 300-ohm and unbalanced 75-ohm FM antenna connection; AM ferrite loopstick antenna built-in; front panel headphones jack (right in front of you, you don't have to go looking); and AC outlet.

**Sky-high performance that's down-to-earth functional . . .** RX-202 is not only great performance inside, but great looks outside, too: hair-line brushed extruded aluminum front panel with snappy metal knobs. The wooden cabinet has a decor-matching simulated walnut finish. Overall, it's lean compact styling you'll be proud time and again to own.

Now do your ears a favor . . . listen to the RX-202 in action.

## SPECIFICATIONS

### AMPLIFIER SECTION

Music Power Output (IHF) . . . . .	70 W (4 ohms)
Continuous Power Output (RMS) . . . . .	22 W/22 W (4 ohms)
(each channel driven)	18 W/18 W (8 ohms)
Continuous Power Output (RMS) . . . . .	19 W/19 W (4 ohms)
(both channels driven)	16 W/16 W (8 ohms)
	15 W/15 W (8 ohms, in the range of 50 to 20,000 Hz at less than 1% THD)
Harmonic Distortion . . . . .	less than 0.2% (13 W/13 W RMS)
IM Distortion . . . . .	less than 0.5% (13 W/13 W RMS)
Power Bandwidth (IHF) . . . . .	20 to 45,000 Hz (8 ohms)
Frequency Response . . . . .	20 to 70,000 Hz $\pm 3$ dB
Damping Factor . . . . .	30 (8 ohms, 1 kHz)
Input Sensitivity/Impedance . . . . .	TAPE MONITOR 110 mV/40 kohms
	TAPE/AUX 110 mV/40 kohms
	PHONO MAG 2 mV/45 kohms
	PHONO CER 130 mV/100 kohms
Phono Overload . . . . .	80 mV (1 kHz)
Phono Equalization . . . . .	RIAA S.T.D. $\pm 1.5$ dB
Bass Control . . . . .	$\pm 10$ dB at 100 Hz
Treble Control . . . . .	$\pm 10$ dB at 10 kHz
Loudness Contour . . . . .	+10 dB/100 Hz, +5 dB/10 kHz
Crosstalk . . . . .	50 dB/10 kHz
Hum and Noise (S/N) . . . . .	PHONO 65 dB
(continuous power output)	TAPE 80 dB
	Residual 0.5 mV
Speaker Impedance . . . . .	4 to 16 ohms

### FM TUNER SECTION

Frequency Range . . . . .	88 to 108 MHz
Sensitivity (IHF) . . . . .	2.9 microvolts
Signal-to-Noise Ratio . . . . .	65 dB
Harmonic Distortion . . . . .	0.2%
Selectivity . . . . .	40 dB $\pm 400$ kHz
Capture Ratio . . . . .	3 dB
Stereo Separation . . . . .	35 dB at 1 kHz
IF Rejection . . . . .	70 dB
Image Rejection . . . . .	55 dB
Spurious Response Rejection . . . . .	70 dB
SCA Suppression . . . . .	60 dB
AM Suppression . . . . .	54 dB

### AM TUNER SECTION

Frequency Range . . . . .	525 to 1650 kHz
Sensitivity . . . . .	20 microvolts
Selectivity . . . . .	25 dB $\pm 10$ kHz
IF Rejection . . . . .	45 dB
Image Rejection . . . . .	50 dB

### GENERAL

Power Consumption . . . . .	115 W
Power Supply . . . . .	AC 120 V 60 Hz
Dimensions (overall) . . . . .	474(W) x 114(H) x 267(D) mm
Weight (net) . . . . .	6 kg/13.2 lbs

Quality. Uncompromised.

**ROTEL®**

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