

ROTEL®

4-CHANNEL
STEREO RECEIVER

RX-254

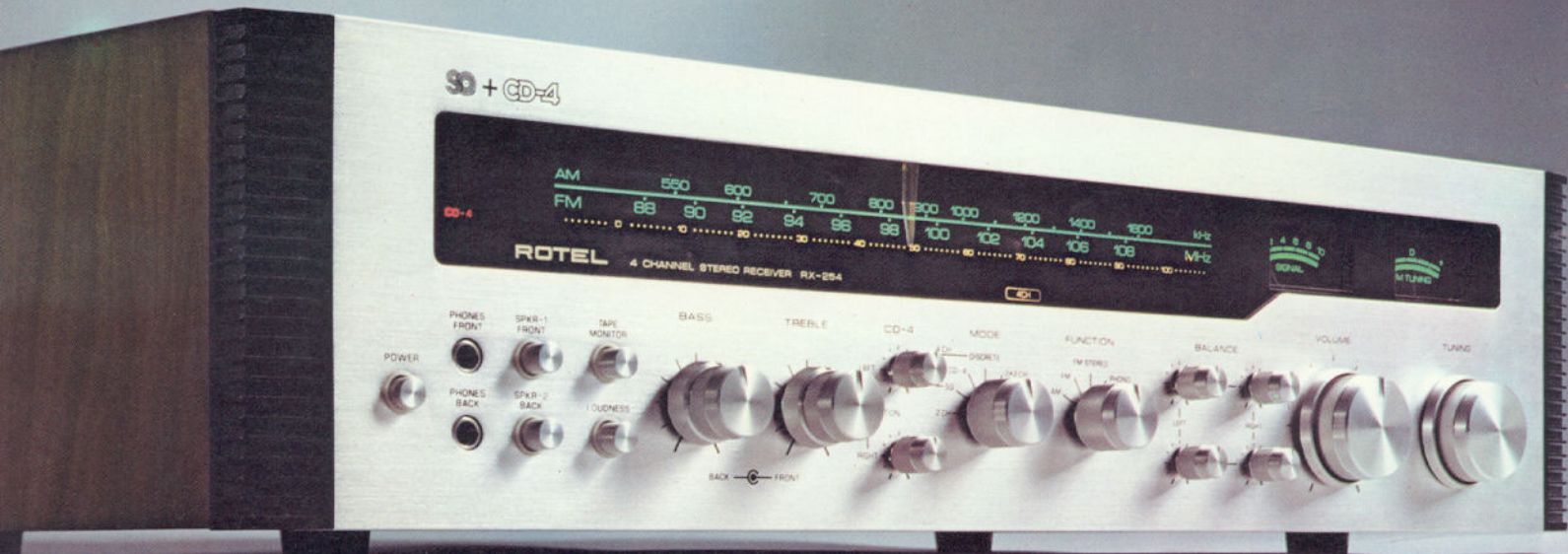
The RX-254 4-Channel Stereo Receiver. It's the multi-channel control center you've been looking for in the cost range you didn't expect to find.

This being the case, your search just reached a happy end. Your musical enjoyment a happy beginning. The RX-254 4-Channel Stereo Receiver is a total answer to total 2-channel stereo and all the existing forms of 4-channel because everything's built-in. Nothing to add

for added enjoyment because it's all right there in the first place, and nothing to go obsolete later on with further advancements in 4-channel reproduction. And the nice part about it all, is price-wise, it's a receiver you can seriously consider making your very own.

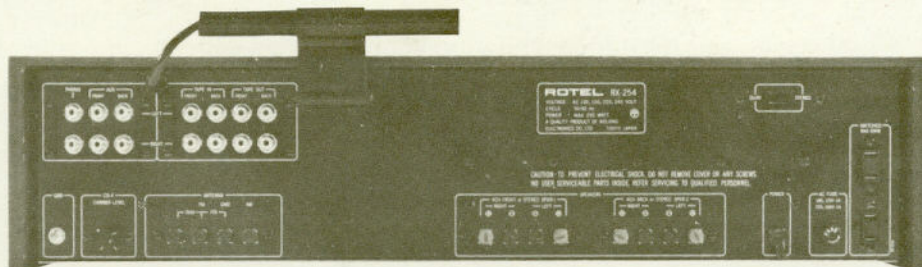


CD-4



ROTEL[®] RX-254 4-CHANNEL STEREO RECEIVER

The features begin here.....



Discrete 4-channel and built-in CD-4 demodulator, SQ matrix decoder . . . The RX-254 will handle all of the different 4-channel formats on the market. Without adapters. It'll also handle — in fact . . . enhance — 2-channel stereo by giving it a 'surround-sound' effect. To make the 4-channel end of your enjoyment about the best you ever heard is a multi-mix of all the advanced electronics that assure outstanding frequency response, low distortion, and separation characteristics.

Here's an exclusive . . . 2 x 2-CH stereo . . . The four RX-254 amplifiers can be paired off so different programs can be played through the main speakers and a remote pair of speakers (in a different room) all at the same time. This is another of the advantages

reflecting the RX-254's total professional orientation.

A high performance tuner . . . FM FET's are used in the front end for improved sensitivity and negligible distortion . . . in the FM IF section, the tuner has ceramic filters and integrated circuitry for the kind of reliability and selectivity that satisfies.

Wide linear FM dial scale, large tuning knob, two large tuning meters . . . Easy, precise tuning on an easy-to-see vernier scale. That's the advantage of an wide linear FM dial scale. The combination of smooth flywheel action for the large tuning knob and the large tuning meters add further to your ability to tune-in a station quickly and accurately.

Low-distortion power amp . . . Low-noise silicon transistors highlight semi-complementary SEPP circuitry for output characteristics as exceptional as — 12W/12W/12W/12W RMS continuous power into 8 ohms at less than 1% THD all four channels driven (4-CH mode) or 24W/24W both channels driven when amp-coupling switch is activated for 2-channel stereo.

NF equalizer amp . . . Low-distortion directly coupled NF (negative feedback) circuitry achieves flawless RIAA characteristics. Tone control circuitry also benefits from the advantages of NF circuitry. All four separate balance controls have it for improved, highly transparent 4-channel and 2-channel stereo reproduction quality.

Control and switch versatility . . . Volume; selector; mode; treble and balance are concentric type controls for separate FRONT and BACK control operations; four balance controls for individual channel control; CD-4 separation controls; twin speaker switches; tape monitor; loudness; two headphone jacks for stereo and 4-channel listening pleasure that's private; rear panel CD-4 carrier level control; and a durable power switch.

Link-up facilities . . . The RX-254 4-Channel Stereo Receiver has inputs for stereo or CD-4 PHONO; for stereo or 4-channel AUX; for 4-channel TAPE MONITOR; outputs for TAPE MONITOR; terminals for two pair of speakers; terminals for balance 300-ohm and unbalanced 75-ohm FM antenna connection; terminal for external AM antenna connection; AM ferrite loopstick antenna built onto the rear panel; amp-coupling switch; and convenient AC outlets.

It's a lot of receiver . . . a Rotel always is.

SPECIFICATIONS

AMPLIFIER SECTION

Music Power Output (IHF)	100W (4 ohms)
Continuous Power Output (RMS) . . .	20W/ch (8 ohms, 4CH)
(each channel driven)	12W/ch (8 ohms, STEREO)
Continuous Power Output (RMS) . . .	12W x 4 (8 ohms at 1kHz, 4CH)
(all channels driven)	24W x 2 (8 ohms at 1kHz, STEREO)
Harmonic Distortion	less than 1.0% (1kHz)
IM Distortion	less than 0.3% (70Hz+7kHz, 4:1)
Power Bandwidth (IHF)	20 to 50,000Hz (8 ohms)
Frequency Response	10 to 80,000 Hz ± 3dB
Damping Factor	30 (8 ohms, 1 kHz)
Input Sensitivity Impedance	TAPE MONITOR 180mV/30kohms AUX 180mV/30kohms PHONO (variable) 1 to 10mV/80kohms
Tape Output Level	800mV/6 kohms
Phono Overload	80mV (1 kHz)
Phono Equalization	RIAA S.T.D. ± 1.5 dB
Base Control	± 10dB at 100Hz
Treble Control	± 10dB at 10kHz
Loudness Contour	+ 7dB/100Hz, +3dB/10kHz
Crosstalk	55 dB
Hum and Noise (S/N)	PHONO 65 dB (continuous power output) TAPE 80 dB Residual 1.0mV
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	65 dB
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	50 dB

AM TUNER SECTION

Frequency Range	525 to 1650 kHz
Sensitivity	20 microvolts
Selectivity	25 dB
IF Rejection	45 dB
Image Rejection	50 dB

GENERAL

Power Consumption	250W (maximum)
Power Supply	100, 120, 220, 240V 50/60Hz
Dimensions (overall)	21-1/2"W x 13"D x 5-1/2"H
Weight (net)	10kg/22 lbs.

Quality. Uncompromised.

ROTEL[®]

ROLAND ELECTRONICS CO., LTD. 1-36-8 Ohokayama, Meguro-ku, Tokyo, Japan

Printed in Japan 40530

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