

ROTEL

RX-1052 Stereo Receiver



For one room or an entire house – the ideal receiver for anyone who wants flexibility, simplicity, and outstanding performance.

RX-1052 Stereo Receiver

The RX-1052 conclusively proves that “stereo” is very much a part of today’s world where both music and movies provide enriching entertainment for the entire family. The RX-1052 doesn’t limit itself to one room either. In fact, the RX-1052’s unique combination of capabilities means you can enjoy your music and video sources in many different areas of your home: the den, beside the pool, in the kitchen, or simply relaxing in the living room.

Where Performance Counts

Consider the RX-1052’s basic capabilities for starters. Here, Balanced Design results in superior performance indeed. We rate power output very conservatively at 100 watts RMS per channel. But there are important differences between this rating and ones you may see from other manufacturers. That’s because the RX-1052 features a rock-solid power supply built around an oversized custom-manufactured toroidal transformer coupled to high quality storage capacitors. Eight discrete, high current output transistors insure uncompromising reproduction of the most difficult sources, even when the RX-1052 is used with inefficient speakers in large rooms. Connecting those speakers is easy thanks to high quality, four-way binding posts. And switching between speaker pairs is even easier thanks to remote selection. For the vinyl aficionado – or just folks who continue to enjoy a substantial record collection – the RX-1052 features a high quality phono preamplifier optimized for moving magnet cartridges.





Your New Stereo Centerpiece – With Video!

For those who don't desire the multiple speaker boxes required for surround sound, the RX-1052 is the perfect complement to a new flat-panel TV and video sources like a DVD player or satellite box. Four composite video inputs, a monitor output, and video switching makes integrating your existing audio gear with the newest video components surprisingly easy.

Beyond A Single Room

The RX-1052 can be the multi-room/multi-source heart of a "whole house" audio/video system! When used with six channels of external amplification – either three stereo amps or an all-in-one six channel model like Rotel's RMB-1066 – the RX-1052 lets you direct up to eight audio or A/V sources to as many as four different locales. You maintain fully independent source selection, power on/off, and volume adjustment for each zone! And if you want to "get down and party," the RX-1052's "Party Mode" lets you do just that by piping the same source throughout your home. The RX-1052 includes four independent composite video outputs, too, so you can watch what you want where you want to watch it. Independent IR (infrared) links give you source control from any room while four separate 12 volt "trigger" circuits energize just those system components you need for maximum enjoyment – and maximum energy conservation.



For Your Consideration

The RX-1052 combines stunning performance, flexibility, and an impressive array of the features you want most.

- **Balanced Design:** comprehensive parts selection, advanced circuit board layout, and extensive listening tests for superior performance and long term reliability
- Four audio-only inputs: Phono (MM), Tuner (internal), CD, and Tape
- Four audio and composite video inputs for A/V sources
- Four audio and composite video outputs (main zone + three remote zones)
- Independent source selection and volume adjustment for all remote zones
- 30 preset AM/FM tuner with frequency direct access
- Independent source selection for listening and recording
- Custom label capability for all A/V inputs
- A & B speaker outputs (with remote selection)
- Headphone output
- IR (infrared) remote control capability for RX-1052 and Rotel DVD and CD players
- Bi-directional RS-232 computer data port for use with touch-screen control systems
- Upgradeable microprocessor software
- Detachable IEC power cord



Audio

Continuous Amplifier Power

100 watts/channel
(20–20k Hz, <0.05% THD, 8 ohms)

Total Harmonic Distortion

<0.05% at rated power

Intermodulation Distortion (60 Hz:7 kHz)

<0.05% at rated power

Frequency Response

Line Level: 10 Hz - 70 kHz, ± 3 dB

Phono: 20 Hz - 20 kHz, ± 1 dB

Signal to Noise Ratio (IHF "A" weighted)

Line Level: 92 dB

Phono: 74 dB

Input Overload

Line Inputs: 5 V

Phono Inputs: >120 mV

Preamplifier Output Voltage

1.0 V (160 mV Input)

Input Sensitivity/Impedance

Line Level: 160 mV/47 kohms

Phono: 2.5 mV/47 kohms

Tone Controls (Bass/Treble)

± 8 dB at 100 Hz/10 kHz

Video

Frequency Response

3 Hz-10 MHz, ± 3 dB

Signal to Noise Ratio

45 dB

Input Impedance

75 ohms

Output Impedance

75 ohms

Output Level

1 volt

FM Tuner

Usable Sensitivity

14.2 dBf

50dB Quieting Sensitivity

20.2 dBf (mono) / 45.3 dBf (stereo)

Signal to Noise Ratio (at 65 dBf)

70 dBf (mono) / 65 dBf (stereo)

Harmonic Distortion (at 65 dBf)

0.3% (mono) / 0.5% (stereo)

Frequency Response

30 Hz-14 kHz, ± 1.5 dB

Capture Ratio

2.0 dB

FM Tuner—Cont.

Alternate Channel Selectivity

47 dB (± 400 kHz)

Spurious Response Ratio

80 dB

Image Response Ratio

65 dB

IF Response Ratio

80 dB

AM Suppression Ratio

52 dB

Stereo Separation (100Hz/1 kHz/10 kHz):

40 dB/45 dB/35 dB

Output level

1.0 V

Antenna Input

75 ohms unbalanced

AM Tuner

Sensitivity

500 μ V/m

Selectivity

25 dB

Image Response Ratio

35 dB

AM Tuner—Cont.

Signal to Noise Ratio

40 dB

Output level

250 mV

Antenna Input

Loop Antenna

General

Power Consumption

300 watts

28.4 watts (idle)

13.2 watts (standby)

Power Requirements (AC)

115 volts, 60 Hz (USA version)

230 volts, 50 Hz (European version)

Weight

10.8 Kg/30.4 lb.

Dimensions (W x H x D)

432 x 121 x 359 mm

17" x 4 3/4" x 14 1/8"

Front Panel Height

(feet removed/for rack mount)

109 mm / 4.3"