AM/FM STEREO RECEIVER

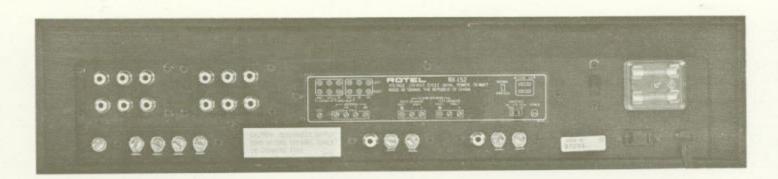
When your friend asks which AM/FM Stereo Receiver gives quality performance at reasonable cost... turn on the power and let the RX-152 answer

The performance speaks for itself. So does the quality. In a Rotel answer to what Hi-Fi should be. RX-152 AM/FM Stereo Receiver is specially sound-engineered for people entering the world of high fidelity for the first time. Yet it's

mature, so it's also the answer to quality performance at reasonable cost for seasoned audio enthusiasts. For the full-feature story, see the backside of this leaflet.



AM/FM STEREO



High performance tuner... High performance is one thing the RX-152 has plenty of. FM FET front end, ceramic filters and IC's in the FM IF section give a measure of reliability and improved selectivity that's hard to beat.

The wide look in a linear FM dial scale . . . The big measure of extra width makes for easy, precise tuning on this easy-to-see vernier scale.

Low, low distortion . . . The low distortion power amplifier has all of the low-noise silicon transistors and advanced semi-complementary SEPP circuitry a stereo receiver needs for exceptional output features: 10 W/10 W RMS continuous power into 8 ohms at less than 1% THD both channels driven in range of 50 to 20,000 Hz.

The big look in tuning control and meter . . . The bigness pays off in exceptionally convenient tuning. The smooth flywheel action and clear meter indication puts you right-on the station you want.

NF equalizer amp ... Here's low distortion, again. This time it's a low distortion 2-stage direct coupled NF (negative feedback) circuit that goes to work to achieve accurate RIAA characteristics. The tone control circuit also uses negative feedback type circuitry. The result . . . flawless reproduction.

Here's the whole story on knob controls . . . and switches. Volume, bass, treble, balance, selector, loudness, tape monitor, two speaker switches for operating two pairs of speakers, rear panel simulated 4-channel activation switch for impressive surround sound (that's 4-channel), durable power switch - the RX-152 has them all, which is a natural, but the important thing is we haven't hidden a thing. Everything's out in the open to let you effect the control changes you want quickly.

Connection facilities . . . RX-152 quality leaves nothing out. Inputs for PHONO (magnetic and ceramic cartridges), TAPE/AUX, TAPE MONITOR, outputs for TAPE/AUX and TAPE MONITOR, terminals for two pairs of speakers, terminals for balanced 300-ohm and unbalanced 75-ohm FM antenna connections, terminal for external AM antenna, an AM loopstick antenna is built right in the receiver, front panel headphone receptacle, and AC outlet - now are you beginning to see why we say 'quality performance at reasonable cost? 'Sure you are.

That sweeping functional look . . Good looks don't mean a thing in a receiver if they aren't functional. So take a closer look at the RX-152: Hair-line brushed extruded aluminum front panel with durable metal knobs, a simulated walnut finish cabinet, lean, compact styling. If it won't match any decor and system that surrounds it - our name isn't Rotel.

88 to 108 MHz

SPEFICICATIONS

AMPLIFIER SECTION

| Music Power Output (IHF) | 50 W (4 ohms) |
|-------------------------------|--|
| Continuous Power Output (RMS) | 16 W/16 W (4 ohms) |
| | 14 W/14 W (8 ohms) |
| (each channel driven) | (2003) U. (4004) Mark 1960 (1960) (1970) (1970) |
| Continuous Power Output (RMS) | 14 W/14 W (4 ohms) |
| (both channels driven) | 12 W/12 W (8 ohms) |
| | 10 W/10 W (8 ohms, in the range |
| | of 50 to 20,000 Hz at less than |
| | 1% THD) |
| Harmonic Distortion | less than 0.2% (8 W/8 W RMS) |
| IM Distortion | less than 0.5% (8 W/8 W RMS) |
| Power Bandwidth (IHF) | 20 to 45,000 Hz (8 ohms) |
| Frequency Response | |
| Damping Factor | |
| Input Sensitivity/Impedance | TAPE MONITER 125 mV/ |
| input sensitivity, imperation | 35 kohms |
| | TAPE/AUX 135 mV/46 kohms |
| | PHONO MAG 2.6 mV/45 kohms |
| | PHONO CER 135 mV/260kohm |
| Phono Overload | |
| | |
| Phono Equalization | - 1947 S T. B. |
| Bass Control | |
| Treble Control | |
| Loudness Contour | +10 dB/100 Hz, +5 dB/10 kHz |

TAPE 70 dB

Residual 0.5 mV

| H | VI | 11 | IM | E | H | S | E | C | ı. | I |)[| V |
|----|----|-----|-----|---|-----|----|---|---|----|---|----|---|
| Fr | eq | uer | ıcy | F | lai | ng | e | | | | | |

| Frequency Range oo to 100 MHz |
|--|
| Sensitivity (IHF) 4 microvolts |
| Signal-to-Noise Ratio 65 dB |
| Harmonic Distortion 0.2% |
| Selectivity 40 dB ±400 kHz |
| Capture Ratio 5 dB |
| Stereo Separation |
| IF Rejection 65 DB |
| Impage Princip 50 dB |
| Impage Rejection 50 dB |
| Spurious Response Rejection 65 dB |
| SCA Suppresion 60 dB |
| AM Suppresion 54 dB |
| AM TUNER SECTION |
| Frequency Range 525 to 1650 kHz |
| Sensitivity 20 microvolts |
| Selectivity 25 dB ±10 kHz |
| IF Rejection 45 dB |
| Image Principles 50 dB |
| Image Rejection 50 dB |
| GENERAL |
| Power Consumption 70 W |
| Power Supply |
| Dimensions (overall) $474(W) \times 114(H) \times 267(D)$ mm |
| Weight (net) 5 kg/11 lbs. |
| |

Quality. Uncompromised.

(continuous power output)



Crosstalk 50 dB/10 kHz Hum and Noise (S/N) PHONO 65 dB

Speaker Impedance 4 to 16 ohms