

£184-09

ROTEL®

RA-1210

STEREO PRE-MAIN
AMPLIFIER



HERE is the RA-1210, definitely one of the most versatile, most professional stereo pre-main amplifiers ever developed. Possessing a formidable 230 watts music power, two entirely independent power supplies drive the left and the right channels separately and smoothly. The direct coupling circuitry incorporated ensures an excellent frequency response and negligible IM distortion. The transistors used are all long-life, low-noise silicon types that give

the RA-1210 its superb S/N and extended dynamic range. Note that a wide 5 to 50,000Hz power bandwidth and total harmonic distortion of 0.3% or less are also achieved by this highly advanced equipment. Naturally the controls and the connection facilities are just as awesome. Most of all, see the RA-1210 in actual, and find out its personality yourself.

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RA-1210

SPECIAL FEATURES

- ★ All long-life, low-noise Silicon Transistors.
- ★ Direct Coupling Circuitry.
- ★ Two entirely separate power supplies (2 power transformers) for balanced driving of the left and the right channels.
- ★ A high power output of 230 watts music power at 4 ohms, and RMS continuous power of 60 watts both channels driven at 8 ohms with 0.5% THD.
- ★ Specially designed protection circuits to prevent damages to your speakers and to the amplifier.
- ★ Separable Pre-Amp and Main-Amp sections for many versatile uses.
- ★ 3-stage Differential Pre-amplifier.
- ★ Usage of 2 pairs of speaker systems, one pair at a time or simultaneously at the same time.
- ★ Facility for two tape recorders, with monitoring and dubbing features.
- ★ Facility for two record players, with switcheable input sensitivities and impedances for one of them to match characteristics of your cartridge.
- ★ Facilities for a stereo tuner, two auxiliary inputs for such as another tape recorder and 8-track tape player.
- ★ Facility for two Tape Din Jacks.
- ★ Facility for 3 AC Outlets.
- ★ Negative Feedback Tone Controls that are variable in 2db steps for precise and effective tone adjustments.
- ★ 3-stage Turnover Roll-Off switches for both Tone Controls for further precise tone adjustments.
- ★ Balance and Volume Controls, Selector Control, Mode Control, Monitor Control and Speaker Selection Control.
- ★ "Push-Push" type switches for Muting, Loudness, High and Low Filters, Power.
- ★ A Power Indicator Lamp for easy visual indication.
- ★ A front panel Headphone Jack for private listening.

SPECIFICATIONS

Power Amplifier Section

Total Music Power (IHF)	230 watts at 4 ohms 160 watts at 8 ohms
Continuous Power (RMS)	80 watts/channel at 4 ohms 60 watts/channel at 8 ohms
Harmonic Distortion	less than 0.3%, 20 to 20,000Hz at 55w/ch
Intermodulation Distortion	0.1% at 55w/ch
Frequency Response	3 to 100,000Hz, +0db -3db
Power Bandwidth (IHF)	5 to 50,000Hz at 8 ohms
Input Sensitivity/Impedance	1V/30k ohms
Damping Factor	35 at 8 ohms
Speaker Impedance	4 to 16 ohms

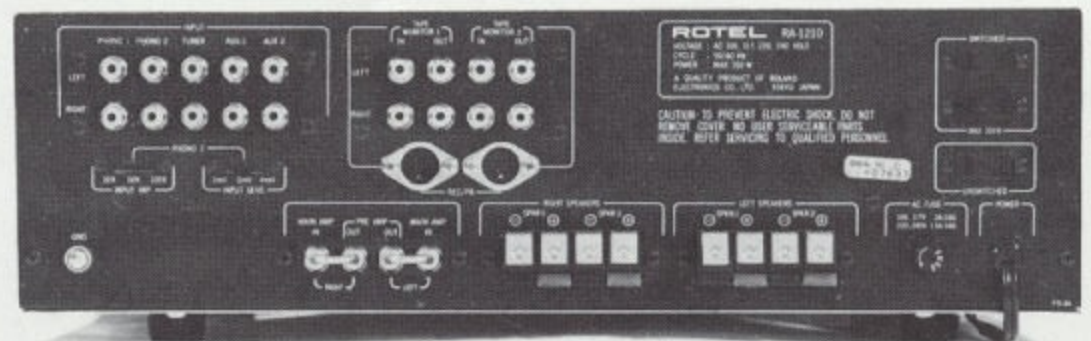
Pre-Amplifier Section

Output Voltage	1V (rated), 3V (maximum)
Harmonic Distortion	less than 0.1% at rated output voltage
Frequency Response	3 to 50,000Hz, +0db -3db
Hum and Noise:	
PHONO 1, PHONO 2	70db at 2mV
TUNER, AUX1, AUX2, TAPE IN	80db
Residual Noise	0.5mV
Input Sensitivity/Impedance:	
PHONO 1	1mV/100K ohms
PHONO 2	1, 2, 4mV/30k, 50k, 100k ohms
TUNER, AUX1, AUX2, TAPE IN	200mV/45 ohms
TAPE DIN	330mV/100k ohms
Phono Equalizer	EEF type, RIAA ± 0.5 db 50 to 15,000Hz
Phono Overload	130mV
Loudness Switch	+10db at 50Hz, +6db at 10,000Hz

High Filter	-10db at 10KHz
Low Filter	-10db at 50Hz
Muting Switch	-20db at 1,000Hz
Bass Control	± 10 db at 50Hz
Treble Control	± 10 db at 10,000Hz
Crosstalk	45db at 1,000Hz
Square Wave Risetime	5 microseconds

Miscellaneous

Power Requirements	100, 117, 220, 240V 50/60Hz
Power Consumption	150 watts (maximum)
Dimensions	420mm(W) x 304mm(D) x140mm(H), 16½" x 12" x 5½"
Weight	13.7kg/30lbs



Note: Features and specifications subject to change without notice.