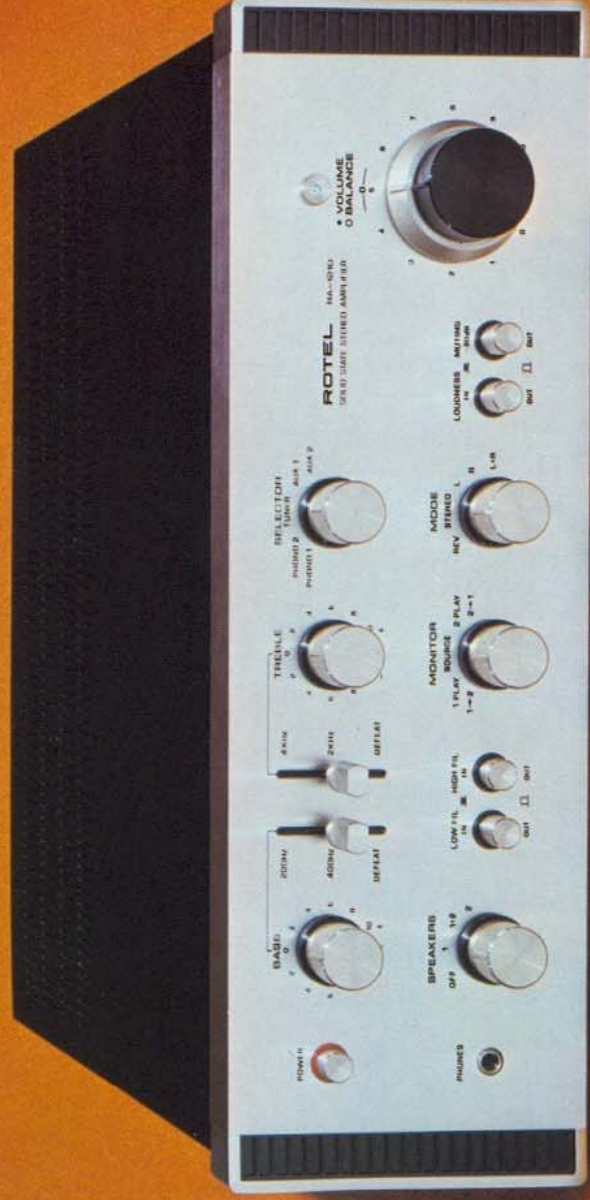


# ROTEL®

## 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.

ROTEL

# 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 switchable 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

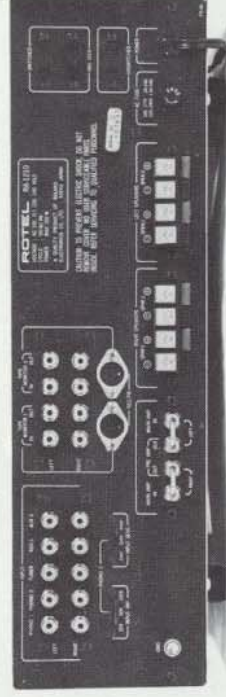
### Power Amplifier Section

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 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) less than 0.1% at rated output voltage
Harmonic Distortion .....	3 to 50,000Hz, +0db -3db
Frequency Response .....	
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 ±0.5db 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 .....	±10db at 50Hz
Treble Control .....	±10db at 10,000Hz
Crosstalk .....	45db at 1,000Hz
Square Wave Risetime .....	5 microseconds
<b>Miscellaneous</b>	
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.

ROLAND ELECTRONICS CO., LTD.

1-36-8, Ohokayama, Meguro-ku, Tokyo, Japan.