

ROTEL®

RA-311

STEREO PRE-MAIN AMPLIFIER



HERE is the best example of ROTEL's cost-performance outperformer. RA-311 is a new and very versatile stereo pre-main amplifier that let you handle all kinds of program sources. Besides record player, note two tape recorders you can operate and with dubbing, too. And yet another input

for an additional component, not counting one for tuner. All can be simply and smoothly controlled by this amplifier's ample 20W+20W RMS continuous power both channels driven at wide frequency response and negligible distortion, along with other efficient controls and switches.

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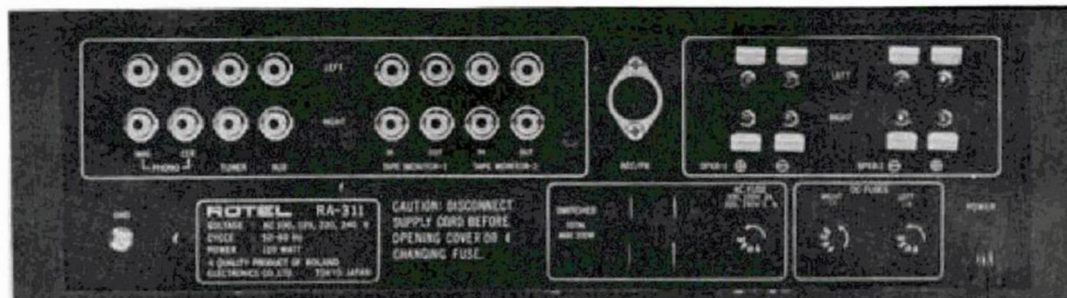
RA-311

SPECIAL FEATURES

- * Geared to let you enjoy genuine high fidelity sound
- * All advanced solid state electronics design
- * All low-noise silicon output transistors
- * Handsomely trimmed aluminum extrusion panel
- * Control layout designed with optimum human engineering
- * Rotary – Speakers, Bass, Treble, Balance, Volume and Function Selector
- * Pushbuttons – High Filter, Loudness, Mode, Tape Monitor 1 and Tape Monitor 2
- * Convenient headphone jack and power beacon
- * Facilities for magnetic and ceramic phonos, tuner, two tape recorders and auxiliary component
- * Tape dubbing from tape 1 to tape 2
- * Speaker 4-channel matrix for simulated 4-channel surround sound effect
- * Wood cabinet included

SPECIFICATIONS

Total Music Power (IHF)	100W at 4 ohms	Signal to Noise Ratio:	
Continous Power (RMS)	30W+30W each channel driven at 4ohms	Phono	65 db
	24W+24W each channel driven at 8ohms	Aux	73 db
	25W+25W both channels driven at 4ohms	Tuner, Tape In	73 db
	20W+20W both channels driven at 8ohms	Residual Noise	1.5mV
	(all less than 1% THD at 1 kHz)	Damping Factor	50 at 8 ohms
Harmonic Distortion	0.1% at 18W+18W RMS, 8ohms	Loudness Control	+9db at 50 Hz,
IM Distortion	0.3% at 18W+18W RMS, 8ohms		+4 db at 10 kHz
Frequency Response	15 to 70,000Hz, -3db at 8ohms	Bass Control	±10db at 50 Hz
Power Bandwidth (IHF)	20 to 50,000Hz at 8ohms	Treble Control	±10db at 10 kHz
Input Sensitivity/Impedance:		High Filter	-9db at 50 Hz
PHONO MAG	2.5mV/40K ohms	Phono Overload.....	100 mV
PHONO CERAMIC	140mV/94K ohms	Phono Equalizer	RIAA ±0.5 db
TUNER	170mV/46K ohms	Crosstalk.....	-45db at 10 kHz
AUX	170mV/46K ohms	Power Voltage	100, 117, 220, 240V, 50/60 Hz
TAPE MONITOR IN, 1&2 ...	150mV/46K ohms	Dimensions	14"(W)x7½"(D)x4½"(H)
TAPE DIN	330mV/100K ohms	Weight	12 lbs/5.5 kg



Note: Features and specifications subject to change without notice.