

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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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

Continuous Power (RMS) 30W+30W each channel driven at 4ohms
 24W+24W each channel driven at 8ohms
 25W+25W both channels driven at 4ohms
 20W+20W both channels driven at 8ohms
 (all less than 1% THD at 1 kHz)

Harmonic Distortion 0.1% at 18W+18W RMS, 8ohms

IM Distortion 0.3% at 18W+18W RMS, 8ohms

Frequency Response 15 to 70,000Hz, -3db at 8ohms

Power Bandwidth (IHF) 20 to 50,000Hz at 8ohms

Input Sensitivity/Impedance:

PHONO MAG 2.5mV/40K ohms

PHONO CERAMIC 140mV/94K ohms

TUNER 170mV/46K ohms

AUX 170mV/46K ohms

TAPE MONITOR IN, 1&2 ... 150mV/46K ohms

TAPE DIN 330mV/100K ohms

Signal to Noise Ratio:

Phono 65 db

Aux 73 db

Tuner, Tape In 73 db

Residual Noise 1.5mV

Damping Factor 50 at 8 ohms

Loudness Control +9db at 50 Hz,
 +4 db at 10 kHz

Bass Control ±10db at 50 Hz

Treble Control ±10db at 10 kHz

High Filter -9db at 50 Hz

Phono Overload 100 mV

Phono Equalizer RIAA ±0.5 db

Crosstalk -45db at 10 kHz

Power Voltage 100, 117, 220, 240V, 50/60 Hz

Dimensions 14"(W)x7½"(D)x4½"(H)

Weight 12 lbs/5.5 kg



Note: Features and specifications subject to change without notice.

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