

R Series

Technical Specifications

	R600	R1000	R1500
Output Power			
<i>Continuous Average Power</i>			
<i>RMS, 1kHz, 1.0% THD+N</i>			
@ 2Ω	2x 340 W	2x 650 W *	2x 900 W *
@ 4Ω	2x 300 W	2x 500 W	2x 750 W
@ 8Ω	2x 190 W	2x 350 W	2x 500 W
Bridge @ 4Ω	680 W	1300 W *	1800 W *
Bridge @ 8Ω	600 W	1000 W	1500 W
<i>Pink Noise 12dB Crest Factor</i>			
@ 2Ω	2x 530 W	2x 900 W *	2x 1200 W *
@ 4Ω	2x 380 W	2x 680 W	2x 970 W
@ 8Ω	2x 220 W	2x 400 W	2x 575 W
Frequency Response			
Power Bandwidth ±0.5dB	20Hz-20kHz	20Hz-20kHz	20Hz-20kHz
Total Harmonic Distortion			
20Hz-20kHz	<0.05%	<0.05%	<0.05%
Intermodulation Distortion			
SMPTE	<0.05%	<0.05%	<0.05%
Voltage Gain			
	32 dB	32 dB	32 dB
Sensitivity			
Rated Power @ 8Ω	1 V	1.3 V	1.6 V
Signal-to-Noise Ratio			
Unweighted	96 dB	99 dB	101 dB
A weighted	101 dB	104 dB	105 dB
Required Mains			
230V AC - 50Hz			
@ 4Ω (1/8 rated power)	2.2 A	2.6 A	3.6 A
Dimensions			
W x H x D (mm)	483x88x215	483x88x215	483x88x215
W x H x D (inches)	19x3.5x8.5	19x3.5x8.5	19x3.5x8.5
Weight			
Net (Kg-Lbs)	10-22.1	10.5-23.2	11-24.3

Protections

Soft-start, Turn-on Turn-off transients, Muting at turn-on, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, Power Transistors SOA guard.

* Limited by SOA Guard Protection



R Series Concept Power Amps



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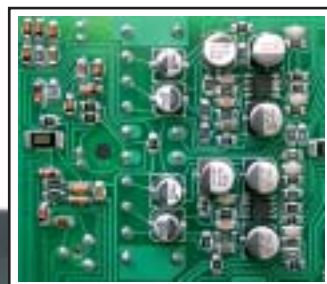
The new RAM Audio "R" Series, is the result of an in depth study, in order to reach the best compromise between economy and dependability. These units, fully manufactured in our Spanish factory, offer extremely high value, while maintaining the features and reliability users can expect from our products.

This new series comprises three models cased in simple but rugged steel chassis. All feature twin stereo amplifiers in a completely new design, able to meet any professional requirement with a reasonable investment.

Our main concern when designing these devices, has been to add to our existing offer, economical, powerful and reliable amps with many of the features our clients appreciate in our current models.

The cost-effective "R" Series amplifiers are packed with solid and convincing arguments for the professionals researching quality, reliability and value!

SMD Technology has been used, for added reliability, ease of production and overall assembly economy.



Functional INPUT/OUTPUT Section featuring dual Neutrik XLR for signal linking and Neutrik Speakon for Biamp and Bridge modes.



All-in-one, connectorless, single printed circuit board for utmost reliability and rapid servicing.



Four independent Heat-sink units are tunnelled in a back to front forced air flow, for an efficient dissipation.



R1500	RMS Power, 1kHz 1.0% THD+N	Pink Noise 12dB CF
@ 2Ω	2x 900 W *	2x 1200 W *
@ 4Ω	2x 750 W	2x 970 W
@ 8Ω	2x 500 W	2x 575 W
Bridge @ 4Ω	1800 W *	2400 W *
Sensitivity	1.6 V (@ 8Ω)	
Signal-to-Noise Ratio	105 dB A	
Weight	11Kg - 24.3Lbs	



R1000	RMS Power, 1kHz 1.0% THD+N	Pink Noise 12dB CF
@ 2Ω	2x 650 W *	2x 900 W *
@ 4Ω	2x 500 W	2x 680 W
@ 8Ω	2x 350 W	2x 400 W
Bridge @ 4Ω	1300 W *	1800 W *
Sensitivity	1.3 V (@ 8Ω)	
Signal-to-Noise Ratio	104 dB A	
Weight	10.5Kg - 23.2Lbs	



R600	RMS Power, 1kHz 1.0% THD+N	Pink Noise 12dB CF
@ 2Ω	2x 340 W	2x 530 W
@ 4Ω	2x 300 W	2x 380 W
@ 8Ω	2x 190 W	2x 220 W
Bridge @ 4Ω	680 W	1060 W
Sensitivity	1 V (@ 8Ω)	
Signal-to-Noise Ratio	101 dB A	
Weight	10Kg - 22.1Lbs	