

# CR Electronic Design

## Artemis "Class A" Power Amplifier

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**A**rtemis has touched the soul of all who have listened to it.

The smooth sound of its "Class A" balanced output stage gives a performance second to none, setting it apart from other products aspiring to this level of quality sound reproduction.



Artemis not only sounds smooth and open, but electronic testing will reveal unrivalled technical capabilities, reinforcing CR's view that all good products must be based on sound electronic design. Attention to detail is paramount at every stage of the manufacturing process, which includes individual component testing and matching, where any imbalance would compromise performance.

Overall circuit symmetry negates the need for feedback, but still produces exceptionally low distortion figures. Specially made polypropylene capacitors are used in the signal paths throughout the amplifier, giving true sound transparency and clarity to the signal.

Artemis will interface with all types of quality Hi-Fi components, although for optimum results, we would recommend it be used with our Kastor pre-amplifier. A level control is also provided for those wishing to drive the amplifier directly from a music source.

Balanced line and common mode inputs are there to give optimum matching. Using the balanced line facility will also allow pre-amplifiers to be remotely situated without signal degradation through long cables. Artemis will drive many types of loudspeaker and give excellent control to the most difficult loads. Adequate output power will also enable the user to select loudspeakers from a wide range of sensitivities, an important consideration when matching components.

SPECIFICATIONS		TUBE LINEUP		DIMENSIONS	
Configuration	Push Pull Class A	Output	6C33C x 2	Unpacked	260x220x400mm
Power Output	35 Watts RMS	Pre-driver	5687 x 1	Packed	495x380x330mm
Response	20Hz-20KHz $\pm$ 1.5dB	Phase Splitter	12AX7 x 1	Weight Net	16Kg
Distortion	0.12% 1W@1KHz 0.28% 10W@1KHz			Weight Gross	20Kg
Noise	<1mV				
Number of Inputs	2, Balanced & Line				
Input Level (for Rated Output)	Balanced 1V Line 1V				
Load Impedance	4, 8 & 16 Ohms				
Power Consumption	275 Watts				
Line Voltage	115/230 Volts				