

CR Electronic Design

Themis Transistorised Phono Pre-Amplifier

CR Electronic Design
Southend-on-Sea
Essex UK
website: <http://www.crdevelopments.com>
email: credaudio@uk2.net

A high quality phono amplifier for the vinyl enthusiast, THEMIS provides accurate RIAA equalisation, essential to the satisfying reproduction from LP.

Internal switches allow the use of either moving magnet or moving coil cartridges.

RIAA tracking is excellent, with precision hand selected components providing the key to optimum performance.



The internal power supply components are separated from the main circuit board to optimise noise reduction, making this one of the quietest pre-amplifiers available.

An extra 21dB of headroom has been provided within the signal circuitry, ensuring large signal transients are faithfully reproduced, leaving the sound bright and clear.

Output levels and impedance are high and low respectively, allowing the pre-amplifier to work with most equipment, blending well with transistor or tube amplifiers.

Gain and output swing is sufficient to use the pre-amplifier directly with a power amplifier for an all-analogue system.

SPECIFICATIONS

DIMENSIONS

Configuration	RIAA	Unpacked	405 x 62 x 245mm
Output Level	775mV [225mV]	Packed	495 x 395 x 165mm
Headroom	21 dB	Weight Net	5Kg
Response	20Hz - 25KHz ± 0.5 dB	Weight Gross	5.5Kg
Distortion	<0.13%		
Noise	MM <200 μ V MC <500 μ V		
Number of Inputs	1		
Input Level	MM 8.3mV [2.8mV] MC 1.4mV [0.5mV]		
Power Consumption	20 Watts		
Line Voltage	115/230 Volts		