

NEW PRODUCT INFORMATION SHEET The Chord Choral Range

'Symphonic' Chord Phono Stage



Product Specification

To complete the 'Choral Range', Chord have updated their long standing, high performance phono stage, using the latest high frequency power supply technology along with many key NEW features, to bring the performance levels and aesthetic style in line with the rest of the range. The 'Symphonic' offers an almost infinite number of input impedance and gain options as well as balanced and unbalanced input option to the cartridge, all externally selectable, with selections signified internally with illuminating LEDs. Also incorporated in the design, is a new low frequency Rumble filter. This device uniquely filters out rumble signals appearing on both channels. The 'Symphonic' has been designed for Moving Coil cartridges only.

The 'Symphonic' Phono stage conforms to the RIAA curve without the IEC roll-off when the Rumble filter is set to off. This is commensurate with the high calibre of Chord amplification. The IEC curve response can be added by setting the Rumble filter to on.



According to the wiring of the tone arm on the record deck used, the 'Symphonic' can be operated in either an unbalanced or balanced mode. All domestic equipment is designed to enable unbalanced operation. Better results will be achieved in balanced operation when used in a complete Chord system.

Product Specifications

Moving Coil 40dBv to 80dBv fully selectable input impedance from 25ohm to 47Kohm
Input impedance options externally selectable with internal verification

Unbalanced		Balanced	
4R7	} all with 47pf or 200pf	9R4	} all with 47pf or 100pf
33R		66R	
100R		200R	
4k7		9k4	
47k		94k	
150pf		75pf	

Input

Noise 1.5nV/Hz (approximate - absolute still air)
Max. V rms 10V - all frequencies undistorted

Equalisation

Gain range 0dB - 60dB, 40dB @ 1 KHz
Response R1AA curve
Accuracy ± 0.1 dB

Frequency response

RIAA curve 12Hz - 25kHz
Total 5Hz - 40kHz

Rumble Filter

Type - Rausch Slope (-24dB per octave below 50Hz)
Music signal bias

Supply

Voltage 50Vac through to 260Vac – Auto line adjust

Output

Impedance 520 Ω (resistive)
Drive can drive 600 Ω line 50% output
Withstand continuous short circuit
Max. Amplitude 8Vrms
DC offset <3mV (servo controlled)

Inputs

1 x pair of balanced XLR
1 x pair of unbalanced RCA Phono

Outputs

1 x pair of balanced XLR
1 x pair of unbalanced RCA Phono

Dimensions (mm) 335 x 60 x 170 (W x H x D)

Weight 6kg



Chord Electronics Limited

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