

## A.N.T. Audio “Kora 3T MC” phono preamplifier



The new **Kora 3T MC** phono stage is optimised for Moving Coil cartridges with the output from 0.3 mV to 0.6 mV. It shares its topology and basic features with MM version: single-ended class A, passive RIAA equalisation, local negative feedback (what is called “Zero Negative Feedback” by some manufacturers), low output impedance, excellent stability and frequency response. Two versions of the Kora 3T phono stage are available, sharing exactly the same circuit but different in components quality and price. The table below gives a brief overview of these versions. All units are hand-built, thoroughly tested in our workshop near London and carry a 1 year warranty. The “Limited Edition” version is supplied with measurement results for each unit.

	“Kora 3T Special Edition MC”	“Kora 3T Limited Edition MC”
<b>Load capacitor</b>	Polystyrene 1%	Polystyrene 1%
<b>RIAA network</b>	Polystyrene 1% capacitors, 1% metal film resistors	Polystyrene 0.5% capacitors, 0.5% selected resistors
<b>FETs</b>	Matched to <5%	Matched to <3% and selected for lowest noise
<b>DC biasing</b>	User adjustable	User adjustable
<b>RIAA (50Hz-20kHz)</b>	± 0.3dB	± 0.2dB
<b>SNR (A-wtd ref. 1V output)</b>	>73 dB	>77 dB
<b>Power Supply</b>	High Performance 24V regulated	Ultra Low Noise 24V regulated
<b>LED colour</b>	Blue	Blue-Green
<b>UK RRP*(incl. P/S)</b>	£495	£995

(\* - Inclusive of VAT when applicable)

### Common specification for all versions

<b>Input Impedance</b>	<b>100 Ohm    1000 pF</b>
<b>Gain @ 1 kHz</b>	<b>62 dB</b>
<b>Frequency Response @ -1 dB</b>	Better than 30 Hz – 30 kHz
<b>THD @ 1 kHz , 500 mV output, 10K load</b>	<0.1%
<b>Max. output @ 3% THD (sine 20 Hz- 20 kHz)</b>	More than 5V RMS into 10K load
<b>Output impedance @ 1 kHz</b>	Less than 50 Ohm
<b>Supply current</b>	Less than 50 mA
<b>Supply voltage</b>	From 22 to 30 V DC (nominal 24 V DC)
<b>Case</b>	Anodised Aluminium Alloy
<b>Size (HxWxL)</b>	48x91x133 mm
<b>Environmental</b>	RoHS compliant parts, components and solder
<b>Packed Weight (including P/S)</b>	1 kg