

# PHONO STAGE

EQ PREAMPLIFIER FOR VINYL RECORDS DATA SHEET

DATA SHEET



The Kora Phono stage is a real «Swiss army knife» that will enable you to extract all the subtleties of your vinyl records while respecting the requirements of your cartridge.

In the past years, the quality of analog replay has significantly improved : Turntables, cartridges, tonearms are able to extract every subtle details of the recording. The Kora Phono preamp is the perfect extension of the analog source and has been designed to provide the perfect combination of the finest musical reproduction and adjustability to ensure to deliver a ultra rich, life like level of analog playback.

The phono Stage Kora is an audio adaptation of the EPC1 D, an ultra-low-noise laboratory preamplifier with unique characteristics (built by Kora's professional division). In the input stage, high-precision metal foil resistors are used. The correction capacitors use polystyrene technology.

The Phono Stage adapts to all types of cartridges, whether variable reluctance, moving magnets or moving coils.

The preamplifier features four individually programmable inputs. For each, you can set gain, input impedance, input capacitance and connection type. Two inputs are on three-pin «XLR» type sockets, which can be used to receive a cartridge connected symmetrically (two signal wires plus ground) or asymmetrically (one signal wire and a reference, ground). Two other inputs are coaxial «RCA» sockets. These two inputs are unbalanced by design.

The preamplifier has two unbalanced and two balanced outputs that can operate simultaneously.

**General characteristics**

Overall dimension	320 × 91 × 280 mm	Materials	Aluminium and steel
Chassis size only	320 × 75 × 260 mm	Finish	Mineral grey
Unit weight	5 kg	Accessories	Power cord, instructions
Manufacturer's warranty	5 years	Construction & design	Toulouse, Occitania region, France

**Electronic features**

Power supply	IEC socket 100 to 240 VAC 50 Hz — 60 Hz	Consumption (Stand-by): < 0.5 VA Consumption (Normal operation): < 10 VA
Special features	Cartridge demagnetization Rumble, -6 dB cutoff at 7 Hz	
Maximum output voltage	8 V RMS	
Symmetrical output	Analog	On 3-pin male XLR sockets
Asymmetrical output	Analog	On RCA sockets for coaxial cable
Input 1 & 2	Analog	Selectable symmetrical or asymmetrical on XLR
Input 3 & 4	Analog	Asymmetrical on RCA
Gain	Programmable	150 — 300 — 500 — 750 — 1000 — 1500 — 3000
Input impedance	Programmable	50 kΩ or adjustable from 10 Ω to 1270 Ω, in 10 Ω steps
Input capacitor	Programmable	From 0 nF to 1.5 nF, in 0.1 nF steps
Input noise		70 nV on the audio band
Correction		RIAA curve at +/- 1 dB
Bandwidth	20 Hz ~ 20 000 Hz	
Internal impedance	Output: < 50 Ω	

