

PRELIMINARY RELEASE



P1

MC/MM Phono Preamplifier

It is well known that the electrical characteristics of turntable cartridges differ greatly from one cartridge to another. Ohm's law shows that Moving Magnet cartridges will generate larger voltages, while Moving Coil cartridges are generally more efficient at delivering current. Phono preamplifiers should take full advantage of the cartridges' strengths and amplify the signal in the way they work best. With two dedicated MC current inputs and one MM/MC voltage input, the P1 provides the optimal coupling to all types of cartridges. In addition, fully symmetrical, discrete class A stages as well as the highest grade, tight tolerance components allow the P1 to deliver the high performances for a transparent yet natural sound.

Modularity

- Dual Monaural (two channels in a single chassis)
- True Monaural (one channel per chassis)

Moving Coil Current Inputs

- Two inputs specifically designed for low output, low resistance MC cartridges
- Current mode for best signal to noise ratio when paired with low output MC cartridges
- Adjustable gain
- No impedance adjustment required in current mode, always optimal

Moving Magnet /Moving Coil Voltage Input

- Input specifically designed for MM, high output MC cartridges and step-up transformers
- Ultra low noise FET-input stage
- Adjustable gain
- Cartridge loading variable impedance adjustment, no need to add/solder components

EQ curves

- RIAA and extended RIAA EQ curves factory fitted
- High grade, tight tolerance custom components
- Optional add-on board containing Emi, Columbia, Decca and Teldec EQ curves

Analog Signal Path

- Selectable high-pass subsonic filter to remove unwanted rumble
- Selectable Mono Mode
- Ultra low noise, high bandwidth, high slew rate design
- Pure Class A, discrete, transistor base, fully symmetrical design

Power Supply

- Ultra low noise, high accuracy, discretely regulated linear power supplies
- Oversized mains toroidal transformers
- Shunt regulators for critical stages
- Can be powered from the X1 External Power Supply unit

UNIT SPECIFICATIONS

Current Input	
Input impedance	<100mΩ, virtual ground input
Voltage Input	
Input impedance	Variable from 100kΩ to 10Ω
Analog Audio Outputs	
Output level	Up to 8Vrms (balanced), Up to 4Vrms (unbalanced)
Frequency response	TBC
Total Harmonic Distortion + Noise	TBC
Signal to Noise Ratio	TBC
General	
Display	480 x 272 pixels 24bits RGB AMOLED
Power supply	Selectable 100V, 115V or 230V AC, 47Hz to 63Hz, < 1W in Standby
Overall dimensions and weight	440mm x 440mm x 133mm, 20kg
 Control / Software update	Ethernet based system control via Android CH Control App / USB port for software update

Specifications subject to change without notice. Illustrations are informative only.