



Mutine

Audiomat Phono 1.5 phono preamplifier

INTRODUCTION

Completely assembled by hand in Canada, in limited series, the Phono 1.5 honors its well-deserved reputation of reliability and resilience that characterizes all Audiomat products. The Audiomat Phono 1.5 is a total departure from any existing phono preamp on the market. One must not judge its performances by its sheer size, weight and look, as it leaves in the dust most other phono preamps up to five times its price tag. Long time unsurpassed reference of UHF magazine, the Phono 1.5 gets the most out of vinyl.

DESCRIPTION

A phono preamp is probably the most difficult piece of audio equipment to design as it must be able to handle extremely small voltages. The output of a low impedance moving coil cartridge is around .4 millivolts at full level, and a mere 4 microvolts 40 dB down. This task alone is colossal: bring this incredibly small voltage up a couple of volts leaving the noise behind.

Audiomat's Phono 1.5 relies strictly on carefully selected noiseless transistors of which all but two are glued together in pairs, to keep them at the same temperature and therefore stable. An external power supply attaches to the main unit via a four pin XLR plug. The rectifiers and filters are located in the main chassis. Two pairs of RCA connectors for MM and MC cartridges are provided with a switch to choose the appropriate one. The MC circuit adjusts itself automatically to the MC cartridge impedance.

The Phono 1.5 total quietness allows micro-information to resurface, revealing imaging layers and hidden details of room acoustics. It sounds highly refined and reproduces instruments and timbres cleanly. It does not roll off frequencies on either extremities and always sounds natural without a hint of brightness. Its sound is focused, real and smoothly controlled. The fastest transient attacks and the most subtle decays are respected.



SPECIFICATIONS

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| Type | Transistor |
| Power supply | Outboard four pin XLR 30 VA |
| Configuration | stereo |
| Moving magnet (MM) | 5 mV, impedance 47 kOhm |
| Moving Coil (MC) | 0,25 mV, impedance 5 to 200 Ohm Automatic impedance adjustment |
| Inputs (RCA) | 2 unbalanced MM, MC |
| Output (RCA) | 1 unbalanced |

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| Available finish | Black with smoked altuglass faceplate |
| Warranty (North America) | Basic: 90 days Extended: 2 years |
| Weight | 4 kg - 8.8 lbs |
| Dimensions (w x h x d) | 43 x 8 x 31 cm 17.3 x 3.15 x 12.2 in. |

Like all Audiomat products the Phono 1.5 has undergone intensive microphonic behavior research. Since the creation of the brand, Audiomat products are delivered with three solid brass nickel-plated cones. Their positioning and tightening has been carefully studied to provide the optimum extraction of vibrations. This is why the Phono 1.5 will perform at its best when placed on a stand designed with musicality in mind.