

PH-1

MM AND MC PHONO PREAMPLIFIER

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PACKAGE CONTENT

- PH-1
- 1 AC cable
- User manual

INTRODUCTION AND OPTIONS

The Gold Note PH-1 is a high performance convenient MM & MC phono preamplifier featuring Ultra Linear Power Supply. The design developed for the PH-1 allows matching easily any kind of MM and MC cartridge with a wide option of set up with easy access impedance setting. The PH-1 enables superior audio purity with any audio system featuring an optional external super Power Supply (PSU).

OPERATING CONDITIONS

Once the PH-1 has been correctly wired and positioned on a solid shelf it is ready to play.

The PH-1 has been designed for use in Hi-Fi systems in sheltered locations. It ought therefore to be protected from any eventual variations in temperature and humidity. Avoid to use the unit close to radiators or other strong heat sources, electrical and electronic motors, switched on mobile phones etc.

The location in proximity of other audio components is not theoretically critical, but you should nevertheless pay attention to this.

In any case, take care to unplug completely the unit every time you need to move it, or to move the turntable on which it is matched.

PH-1 GAIN AND LOAD

The PH-1 should be purchased set up already as per user needs concerning both Gain and Load.

It is anyway possible vary the PH-1 Gain from MM to MC.

It is also possible vary the load impedance on this unit.

Because to do that is necessary to remove the cover of the unit we suggest to contact the local Gold Note® distributor to avoid of warranty invalidity.

Once the cover is removed it is possible to access the DIP SWITCH with 4 Micro-Switches underneath two black Chokes.

The Micro-Switches 1 and 4 can vary the Gain of the unit: setting the Micro-Switches towards the NUMBERS SIDE the PH-1 operates in MM mode; while setting the Micro-Switches towards the ON SIDE the PH-1 operates in MC mode.

The Micro-Switches 2 and 3 are able to vary the load impedance of the unit: with the Micro-Switches towards the NUMBERS SIDE the PH-1 operates with a fix $47K\Omega$ (right for all MM cartridges); with Micro-Switches towards the ON SIDE the PH-1 operates with a 470Ω (default) or changing the resistors (optional) with the unit with a specific load as requested by the user.

TECHNICAL SPECIFICATIONS

Analogue Inputs: MM or MC 1 stereo RCA

THD: <0.05% THD @ 20Hz-20KHz

Signal to Noise Ratio: -88dB

Dynamic Response: 105dB

Frequency Response: 20Hz – 20KHz @ +/- 3dB

Input Impedance: 470 Ω MC or 47k Ω MM

Gain: 65dB MC or 45dB MM

Output Impedance: 50 Ω

Line Output level: 2V RCA fixed

Input Sensitivity: 0.15mV MC, up to 7.0mV MM

POWER

100-120V / 220-240V, 50/60Hz (depending on market destination, not convertible)

Power consumption: 20W max

Fuse 0,25A F/T

DIMENSIONS AND WEIGHT

Dimensions: 100 L x 105 H x 260 D mm

Weight: Kg. 2.5 net - Kg. 4 boxed

FINISHES

Front panel: Black Glossy Grand Piano

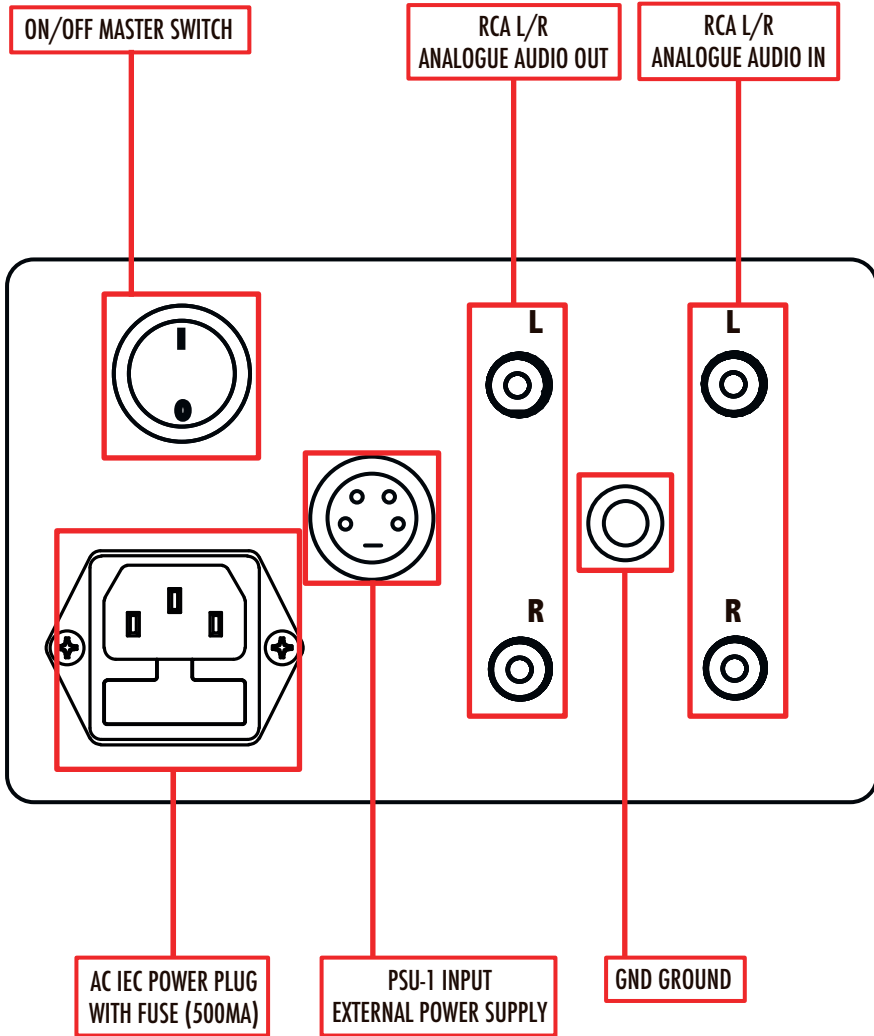
Case finish: Black Powder Coated

UPGRADES

PSU-1 super external power supply

Others: Gold Note Lucca cable

REAR PANEL



WARRANTY AND SERVICE

WARRANTY

To validate the warranty is necessary to register the unit on the Gold Note internet web site within 15 days from the purchase on the appropriate area of the web site: www.goldnote.it/warranty

If the unit is not registered correctly or has been purchased from a different country of the purchaser home address the unit will not be covered by any warranty and the registration will be refused.

The warranty does not cover in any case: Tubes, Phono Cartridge Stylus and Batteries.

SERVICE

Every GOLD NOTE® product is the result of meticulous technological research, and consequently their correct functioning is guaranteed. In spite of this it is possible that problems may emerge which non-specialist users cannot resolve.

In this case, contact your dealer to be advised on how the fault can be solved.

Do not return any object directly to the factory or to the distributor without being authorised to do so.

In such cases both GOLD NOTE® and the distribution agents decline responsibility of any kind.

For more information please visit www.goldnote.it/service

PLEASE NOTE

Descriptions and technical characteristics may vary at any time and without notice.

ACTION	DESCRIPTION	HOW TO ADJUST IT
MATCHING THE CARTRIDGE	The MC and MM cartridges may need a specific Gain and Load impedance adjustment.	Refer to page 4 of this manual MM to set up properly both the MM or the MC cartridge.
CLEANING THE PHONO STAGE	The Phono Stage is dirty and needs to be cleaned	<p>With EXTREME care use ONLY pure delicate liquid cleaners and a very soft 100% cotton cloth to sweep dust and stains out.</p> <p>Any acid or not extremely soft cloth will irreversibly damage the Phono Stage fine aesthetic.</p> <p>Do not use any alcohol to clean the Phono Stage anodized label, or printed parts.</p> <p>Only dry cloth is allowed</p>

For spare parts visit the official Gold Note store at:

<http://www.akamaiaudio.it/>

TROUBLESHOOTING

SYMPTOM	DESCRIPTION	CAUSE	REMEDY
SPEAKER HUMMING PROBLEMS	The speakers hum when the Phono Stage is connected to the system	The Phono Stage is very SENSITIVE to house environment positions.	Be sure the position chosen is compatible with the Phono Stage.
		The Ground connector is not plugged.	Try to plug or to unplug the ground connector always finding the best solution of your audio system. The Electrical loops created by the ground connection needs to be tried.
		The Phono stage Input Interconnect are not plugged.	The "open" input of the Phono Stage may strongly hum. Always connect the Input Interconnect to test the Phono Stage.
		The listening volume is very high.	Any phono stage designed to achieve good sonic performances hums a bit when the volume of the amplifier is high. That is normal and strongly noticeable especially without music and with MC gain unit selection.
		The tone arm and cartridge are not properly installed	Install them well. Eventually a tone arm cable problem can occur; please check other ways out
		The interconnect input and/or output cables are not shielded.	Be sure to always use shielded cables for Phono Stage connections.
PHONO STAGE (THE) DOES NOT WORK WHEN THE PHONO STAGE IS SWITCHED ON		The AC Phono Stage plug is disconnected from the AC wall plug	Connect it being sure that the AC wall plug works
		The interconnect cables are not properly connected to the Phono Stage.	Connect them properly
		The fuse is blown	Substitute the fuse with one of the same value.
			Be sure you selected the right Input of the amplifier

IMPORTANT SAFETY INFORMATION



CAUTION!

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER ONLY TO QUALIFIED GOLD NOTE SERVICE PERSONNEL FOR SERVICE



WARNING!

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE

Do not disassemble any part of the product.

Do not use any part of the product for other purposes.

For service and problems of any kind, contact qualified Gold Note personnel.

Protect the product from rain, humidity and keep away from heat sources, electric and electronic motors etc.

The power Chord supplied must be used only on this unit.

Gold Note does not have responsibility for any improper use of this unit.

This appliance has a serial number located on the rear panel.

Please record the model and serial number and retain them for your records.

Serial Number: _____

Model: _____

IMPORTANT SAFETY INFORMATION

- 1.** Read these instructions and store them.
- 2.** Heed all warnings.
- 3.** Follow the instructions.
- 4.** Do not use this apparatus near water.
- 5.** Clean only with a dry cloth.
- 6.** Do not block the ventilation openings and install in accordance with the manufacturer's instructions.
- 7.** Do not install near heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- 8.** Do not defeat the safety purpose of the polarised or grounding-type plug: a polarised plug has two blades with one wider than the other.

A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety.

If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

- 9.** Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 10.** Only use attachments/accessories specified by the manufacturer.

- 11.** Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.

When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

- 12.** Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13.** Refer all servicing to qualified service personnel only. Servicing is required when the apparatus has been damaged in any way (such as when the power cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture) and in any case when the apparatus does not operate normally or has been dropped.



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Akamai S.r.l.
service@goldnote.it
www.goldnote.it