

USER MANUAL

PH-5 **2**

*Thank you for purchasing one of our units
and welcome into the Gold Note world,
where we turn High-End audio and music
into a new experience.*

Maurizio Aterini,
founder of Gold Note

A handwritten signature in black ink, appearing to read 'Maurizio Aterini', written in a cursive style.

IMPORTANT SAFETY INFORMATIONS

PLEASE NOTE

- 1 Do not disassemble any part of the product.
- 2 Do not use any part of the product for other purposes.
- 3 For service and problems of any kind, contact qualified Gold Note personnel.
- 4 Protect the product from rain, humidity and keep away from heat sources, electric and electronic motors etc. The power cord supplied must be used only on this unit.
- 5 Gold Note does not have responsibility for any improper use of this unit.

GENERIC INFORMATION

- | Read these instructions and store them.
- | Heed all warnings.
- | Follow the instructions.
- | Do not use this apparatus near water.
- | Clean only with a dry cloth.
- | Do not block the ventilation openings and install in accordance with the manufacturer's instructions.
- | Do not install near heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- | 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. or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

- | Only use attachments/accessories specified by the manufacturer.

- | 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.

- | Unplug this apparatus during lightning storms or when unused for long periods of time. 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.

This appliance has a serial number located on the rear panel.
Please record the model and serial number and retain them for your records.

MODEL

SERIAL NUMBER



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.



GOLD NOTE - Information on the correct management of waste from household Equipment pursuant to the European Directive 2012/19/EU

The crossed-out wheeled bin symbol shown on the equipment or its packaging indicates that the product, at the end of its useful life, must be collected separately from other waste to allow its proper treatment and recycling. The user must therefore deliver, free of charge, the end-of-life equipment to the centres for the separate collection of waste electrical and electronic equipment, or return it to the dealer in accordance with the procedures established by the legislation.

The appropriate separate collection of discarded equipment allows for proper recycling, treatment and environmentally compatible disposal, helping to avoid the possible dispersion of hazardous substances and negative effects on the environment and health, favouring the reuse and/or recycling of the materials of which the equipment is composed of. Illegal dumping of the product by the user involves the application of administrative sanction provided for by the legislation in force. We invite you consult the current legislation and the measures adopted by the public service operating in your country or territory.

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| PACKAGE CONTENT

1x

PH-5.2

1x

POWER
CABLE

1x

USER
MANUAL

| TECHNICAL SPECIFICATIONS

MAIN FEATURES

- | Phono Preamplifier with touch display
- | EQ:
3 curves (RIAA, Decca London, American Columbia) with Enhanced option
- | Subsonic filter:
10Hz/36dB octave
- | Frequency response:
20Hz – 20kHz \pm 0.3dB
Enhanced 20Hz – 50kHz \pm 0.3dB
- | THD (Total Harmonic Distortion):
<0.05% @ 1kHz
- | Signal to noise ratio:
89dB
- | Dynamic response:
105dB

ANALOGUE INPUTS

- 1x RCA** stereo MM/MC
- | Input sensitivity:
0.1mV MC up to 10.0mV MM
- | Input impedance:
9 options [10 Ω , 22 Ω , 47 Ω , 100 Ω , 220 Ω , 470 Ω , 1000 Ω , 22k Ω , 47k Ω]
- | Gain:
MM= 40dB
MC= 60dB
with 4 options [0dB, + 3dB, \pm 6dB]
- | MM capacitance:
220pf

AUDIO OUTPUTS

- 1x RCA** unbalanced
- 1x XLR** balanced
- | Output Impedance:
50 Ω

POWER

- | Power supply:
100-120V or 220-240V, 50/60Hz
- | Power consumption:
10W
- | Standby consumption:
< 0,5W
- | Fuse:
2A T

DIMENSIONS AND WEIGHT

- Dimensions:
200W | 80H | 260D mm
290W | 180H | 390D mm - boxed
- Weight:
Kg. 1.2
Kg. 2.2 - boxed

| FRONT PANEL

EN

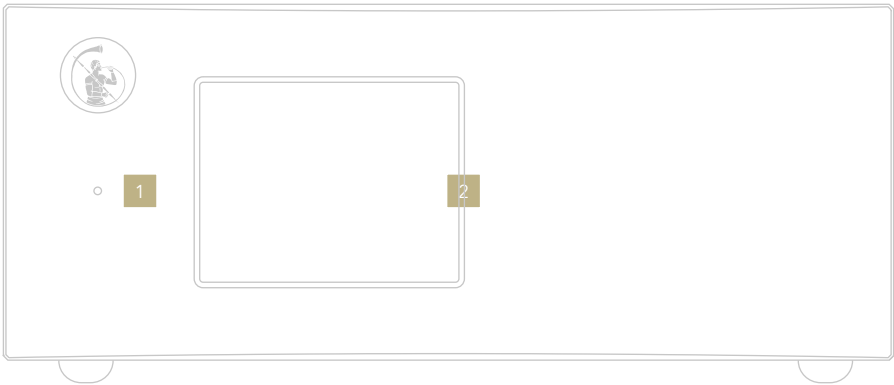
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FRONT PANEL OVERVIEW

The front panel of the PH-5.2 has been designed for ease of use and everyday reliability. Everything revolves around the interface.

This provide you with intuitive controls so that you can check the PH-5.2 settings at glance and adjust parameters quickly using your finger.



1 LED status light

2 Display

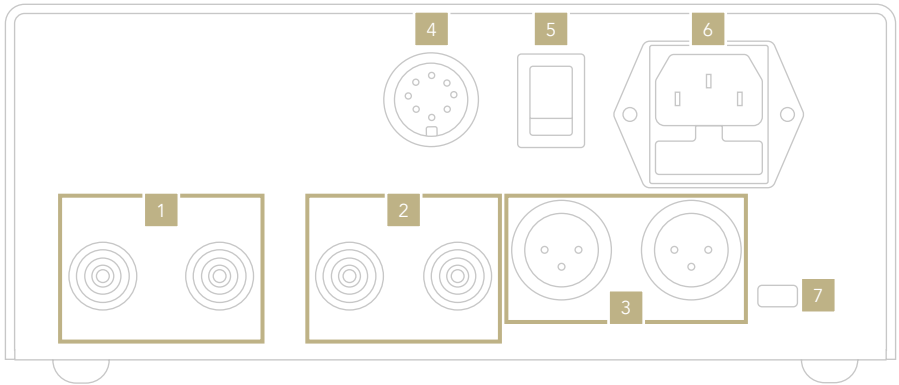
LED status light:

- Red = Standby
- Blue = ON

| REAR PANEL

REAR PANEL OVERVIEW

The PH-5.2 features high-quality connectors to provide maximum versatility. The PSU IN input is dedicated to the external power supply to enhance even further the performance of your PH-5.2.



LINE INPUT

- 1 RCA 1 Phono and GND 1 (GND signal ground)

LINE OUTPUT

- 2 RCA unbalanced
- 3 XLR balanced

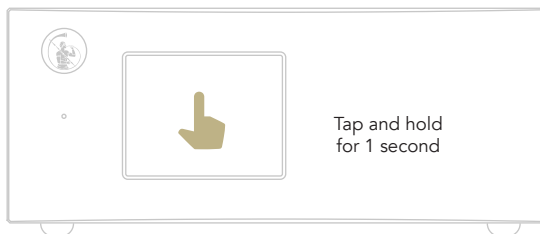
POWER AND OTHERS

- 4 PSU-IN (for the external power supply)
- 5 Master Switch ON/OFF
- 6 IEC socket
- 7 Micro USB (for service only)

| QUICK START

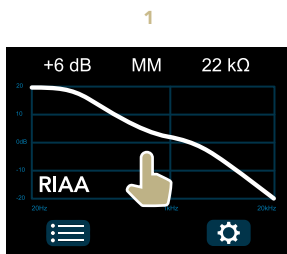
ON/OFF

- 1 Use the Master Switch on the rear panel to power the PH-5.2. When the Master Switch is ON, the PH-5.2 is on standby and the status LED is red.
- 2 Tap the display and hold for 1 second to turn ON the PH-5.2. The status LED turns blue.
- 3 When the PH-5.2 is ON, tap and hold on the display for 1 second to turn it OFF. The status LED turns red.

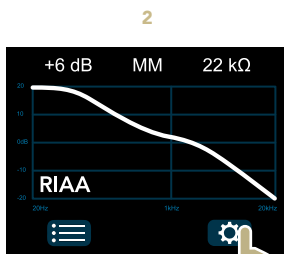


HOW TO SELECT FUNCTIONS

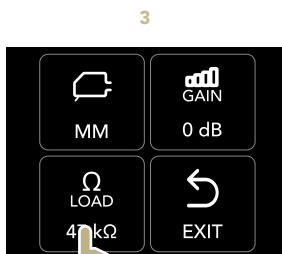
- 1 To change EQ curve, tap or swipe it once
- 2 To adjust the functions, tap once on the menu icon.
- 3 To select options from the menus, click once on the relevant icon.
- 4 To adjust the settings, click on the relevant icon several times until you reach the desired value.
- 5 Tap EXIT to confirm the selection and back main screen. All changes are saved.



Tap or swipe to select the EQ curve



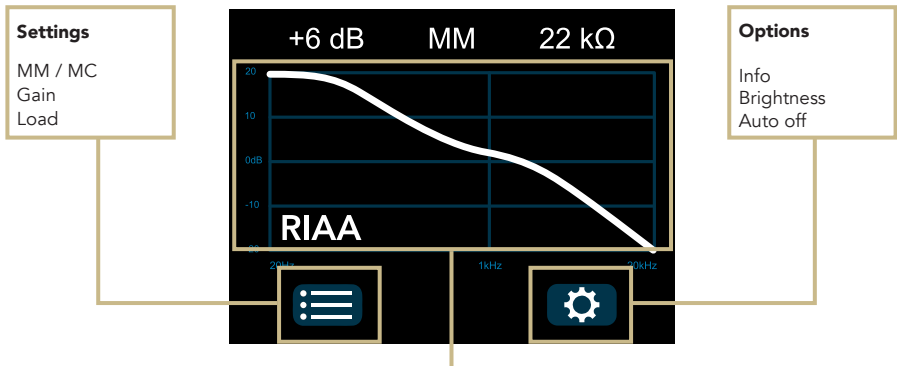
Tap to open the menu



Tap to adjust

| FUNCTIONS AND DISPLAY

DISPLAY OVERVIEW



EQ Curves

Vinyl records were pressed by different labels: each and every one could develop and use a different way to record and print records thus creating different equalisation curves.

Aligning the curves of equalisation of reproduction to match the curves used to produce the record is the best way to extract the correct audio signal from the vinyl.

PH-5.2 offers a variety of the most commonly used curves, starting with the standard RIAA, followed by the acclaimed original DECCA LONDON and the AMERICAN COLUMBIA.

Every curve is also offered in its ENHANCED version that can result in a crisper, more vivid sound extracted from the vinyl and sometimes useful to achieve even greater dynamic.



| FUNCTIONS AND DISPLAY

SETTINGS

To access the menu, tap once on the Setting icon at the bottom left of the display. In the new screen you will find several icons: MM, Gain, Load

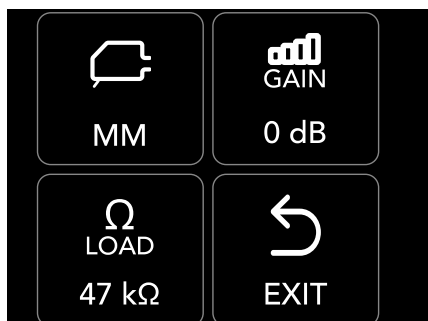
The Gain has 4 different values: 0 dB, +3 dB, +6 dB, -6 dB.

The Load has 9 values: 10 Ω , 22 Ω , 47 Ω , 100 Ω , 220 Ω , 470 Ω , 1k Ω , 22k Ω , 47k Ω .

To adjust the settings, tap the selected icon repeatedly until you reach the desired value. Tap EXIT to save and return to the main screen.

In addition to the GAIN and LOAD functions, the PH-5.2 allows you to store two different cartridge settings, one for MM and one for MC. By tapping the cartridge icon, you can switch between MM and MC depending on the cartridge currently fitted to your turntable. This option allows you to recall previously selected settings simply by tapping the cartridge icon.

Once the cartridge type has been set, you can adjust the GAIN and LOAD values by tapping the icons repeatedly until the desired value is reached. Press EXIT to save the settings.



OPTIONS

To adjust the settings, tap the relevant icon and then tap "Exit" to save and return to the home screen.

INFO

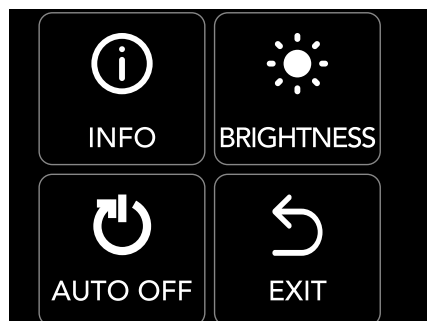
Product information, serial number and installed firmware version.

BRIGHTNESS

Tap the relevant icon and then tap EXIT to save and return to the home screen. If you select OFF, the screen will dim a few seconds after returning to the main screen. To reactivate the brightness, tap the display and select one of the options: LOW, MEDIUM or HIGH, then press EXIT to confirm.

AUTO OFF

Allows you to put the unit into sleep mode after 4 or 8 hours of inactivity. Tap the selected icon to set the corresponding time. A clock icon will appear in the bottom right-hand corner of the main screen. To disable the option, return to the AUTO OFF menu and tap the OFF icon: the clock icon will disappear from the main screen.



| FIRMWARE UPDATE

We are constantly striving to deliver the best user experience and audio quality with our products, so please keep your Gold Note unit up to date with the latest firmware.

Scan the QR-Code and visit the dedicated page on our website to find out how to update your unit.



www.goldnote.it/downloads

| PRODUCT REGISTRATION

PRODUCT REGISTRATION

We recommend to register the unit on our internet website within 15 days from the purchase at www.goldnote.it/product-registration

Registering your product ensures that you will always receive communications about updates, information, and news regarding your product.



www.goldnote.it/product-registration

WARNING

Gold Note products should only be opened, serviced and inspected by certified Gold Note technicians and dealers. Work performed by unqualified personnel may cause serious damage or personal injury. Opening of the product by non-authorized personnel will void the guarantee.

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.

WARRANTY

All Gold Note products come with a warranty against defective materials and workmanship. Any service and inspection must be carried out by a Gold Note dealer or distributor so in case you need any assistance with this product, please contact the seller.

PLEASE NOTE

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

| TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Matching the cartridge with the PH-5.2	<ul style="list-style-type: none"> The MC cartridges need specific impedance values. The MM cartridges usually need a 47KΩ load.	<ul style="list-style-type: none"> Refer to the manufacturer's specifications to set up MC cartridges. MM cartridges do not require any adjustment. The PH-5.2 has a fixed capacitance of 220pF.
Buzzing noise coming from the loudspeakers.	<ul style="list-style-type: none"> The phono stage is very sensitive to the surrounding environment.	<ul style="list-style-type: none"> Try different placements of the phono stage and ensure that the environment is not affected by RFI/EMI. Always use shielded cables.
	<ul style="list-style-type: none"> The ground connector is not connected correctly.	<ul style="list-style-type: none"> Try to connect and disconnect the cables and ensure they are working properly.
	<ul style="list-style-type: none"> The cables are not connected properly.	<ul style="list-style-type: none"> Always connect the interconnect input to test how the phono stage performs.
	<ul style="list-style-type: none"> The listening volume is very high while no music is playing.	<ul style="list-style-type: none"> High performance phono stages will produce a buzzing noise when the volume is too high. It's normal when no music is playing and with MC gain selection.

PROBLEM	CAUSE	SOLUTION
Buzzing noise coming from the loudspeakers.	The tonearm and the cartridge are not installed properly.	Check the cartridge and the tonearm.
PH-5.2 is not working	The interconnect cables used on the input/output are not shielded.	Always use shielded cables.
	The power cord is not plugged in.	Connect the power cord properly and ensure the power outlet is working.
	The cables are not connected to the tonearm.	Ensure that the cables are properly connected.
	The IEC fuse is blown	Replace it with one of the same value.

CLEANING THE UNIT

With EXTREME care use ONLY water or detergents for delicate surfaces with a very soft cloth to sweep dust and remove stains.
Any acid or not extremely soft cloth will irreversibly damage the unit. Do not use alcohol.



Discover more on our website
www.goldnote.it