

USER MANUAL

HP-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

HP-5.2

1xPOWER
CABLE**1x**REMOTE
CONTROL**2x**AAA
BATTERIES**1x**USER
MANUAL

| INTRODUCTION AND FEATURES

THE EXTRAORDINARY HEADPHONE AMPLIFIER

The HP-5.2 offering incredible sound quality, unprecedented features, and extensive connectivity. With a Dual-Mono Class-A fully balanced design, the HP-5.2 preserves the highest purity of the signal to let you enjoy any headphones available today, easy to match thanks to the array of inputs and power delivery.

The audio path is made with the best audio-grade components, and all the settings are applied in real-time in the analogue domain ensuring superior audio quality and extracting even the finest of details.

For audiophiles looking at using it as a desktop unit, the HP-5.2 is available with the Bluetooth HD aptX, a USB-C input and premium DAC.

ADVANCED FEATURES

A set of unique features makes the HP-5.2 an incredible audio machine, starting from the adjustable 4 different Crossfeed set-up recreating a more natural 3D sound stage and the Harman modes (headphone optimisation), that allows linearising any headphone of the market perfectly, but also the variable Gain and Damping Factor.

THREE SET PROFILE

The HP-5.2 features six customizable profiles that can be adjusted, saved, and individually named. Within these profiles, parameters such as Crossfeed, Damping Factor and even the Harman modes can be set. Each profile's settings can be efficiently adjusted by selecting or deselecting options via the touchscreen display or the included remote control to improve even further the stage, dynamics and resolution.

NOT JUST A HEADPHONE AMPLIFIER

The HP-5.2 offers maximum flexibility for headphones listening thanks to its 4 dedicated headphone outputs, but that's not all: with both RCA and XLR inputs, you can connect up to 2 sources at the same time and then use your power amplifier to play music on your loudspeakers.

A unique product that promises to provide unforgettable listening sessions.

EXTERNAL POWER SUPPLY

The HP-5.2 features an internal power supply specifically designed for its circuitry, delivering optimal power without producing interferences in the ultra-sensitive amplification. If you want more, you can enhance the performance of your HP-5.2 with the external power supply PSX-5.2, achieving outstanding sound and realism.

TECHNICAL SPECIFICATIONS

MAIN FEATURES

- | Class-A discrete components
- | Frequency response:
20Hz – 20kHz \pm 0dB
- | THD (Total Harmonic Distortion) + N:
< 0.015% @ 1kHz
- | Signal to noise ratio:
105dB
- | D/A Converter SABRE ES9023
- | Bluetooth 5.2
High-performance 24-bit stereo

ANALOGUE INPUTS

- | 1x unbalanced RCA @ 5Vrms
- | 1x balanced XLR @ 5Vrms

DIGITAL INPUT

- | Bluetooth
- | USB-C PCM up to 48Khz

HEADPHONE OUTPUTS

- | 1x 3,5mm jack
- | 1x 4.4mm balanced jack
- | 1x 6,3mm jack
- | 1x 4-pin balanced XLR
- | Bluetooth

HEADPHONE POWER OUTPUT

- | 5W Max

ANALOGUE OUTPUTS

- | 1x unbalanced RCA @ 5Vrms
- | 1x balanced XLR @ 5Vrms

POWER

- | Power supply:
100-240V, 50/60Hz
- | Power consumption:
max 25W
- | Standby consumption:
< 1W

DIMENSIONS AND WEIGHT

Dimensions:
200W | 80H | 260D mm
290W | 180H | 390D mm - boxed

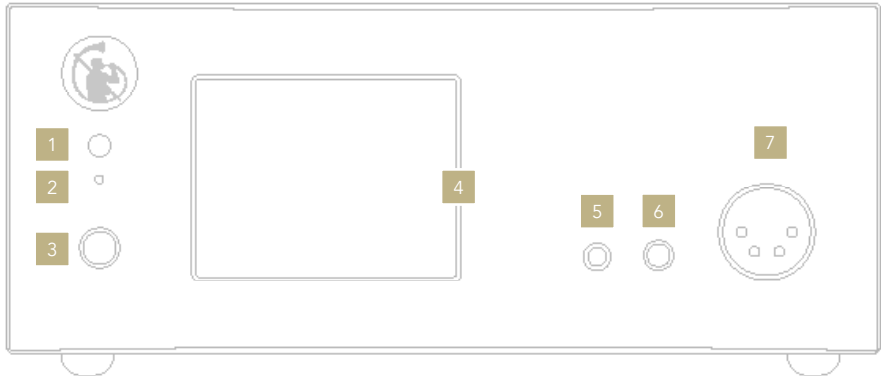
Weight:
Kg. 3
Kg. 4 - boxed

| FRONT PANEL

FRONT PANEL OVERVIEW

The front panel of the HP-5.2 has been designed for ease of use and everyday reliability. The intuitive touchscreen display allows you to quickly check settings at a glance and adjust all parameters with ease. Additionally, all four headphone outputs are conveniently located on the front panel for immediate and easy access.

Through the touchscreen display, all the functions of the HP-5.2 can be adjusted on the go. The touchscreen display features a clear and intuitive user interface, designed to offer the best possible user experience and immediate control.



1 IR receiver

2 LED status light

3 Headphone output 3,5mm jack

4 Touchscreen display

5 Headphone output 3,5mm jack

6 Headphone output 4,4mm balanced jack

7 4-pin balanced XLR

LED status light:

- Red = OFF
- Blue = ON
- Green = Powered by the external power supply PSX-5.2

| REAR PANEL

EN

DE

IT

FR

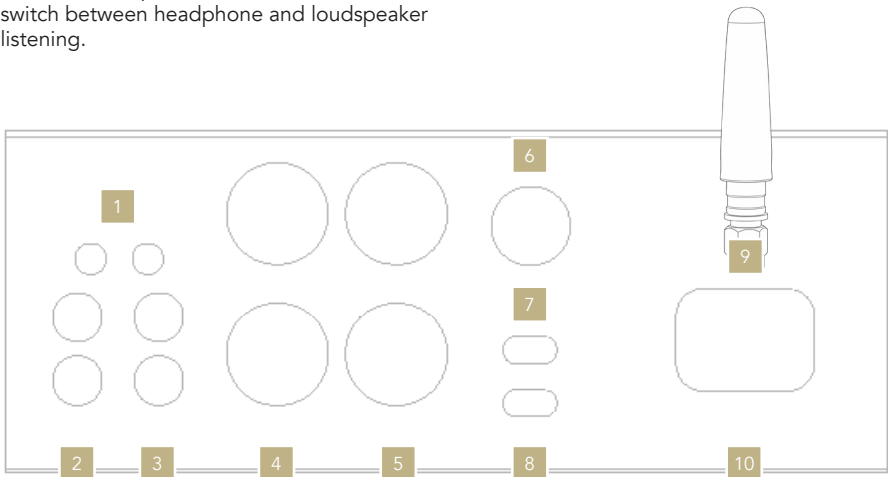
REAR PANEL OVERVIEW

The HP-5.2 is equipped with high-quality connectors and features balanced and unbalanced inputs and outputs for maximum reliability and versatility.

Using the XLR and RCA connectors, the HP-5.2 can be placed in a system to easily switch between headphone and loudspeaker listening.

The PSU input is dedicated to the PSX-5.2 external power supply to further enhance the unit's performance.

In addition, the USB-C input allows you to connect smartphones, tablets and computers to listen to music stored on digital libraries.



ANALOGUE OUTPUTS

3 RCA

5 XLR

ANALOGUE INPUTS

2 RCA

4 XLR

DIGITAL INPUT

7 USB-C

POWER AND OTHERS

1 GN Link

6 PSU IN

8 USB-C (Firmware Update)

9 BT antenna

10 IEC Standard

| QUICK START

ON/OFF

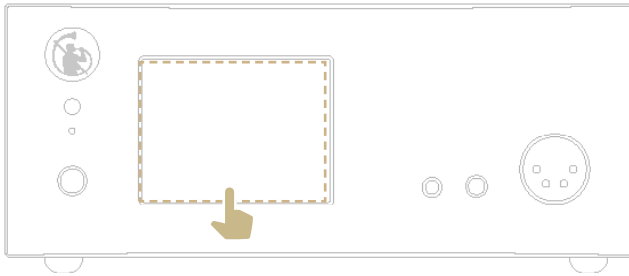
Connect the HP-5.2 to the power using the supplied power cord.
The status LED turns red to indicate the amplifier is on standby.

Remote control: press the AMP mode button and then the POWER button. To switch OFF the unit, simply press the POWER button.

Touchscreen display: tap and hold the display for 3 seconds to turn ON/OFF the unit.

IMPORTANT

The HP-5.2 can be controlled from the remote using the AMP mode button. If there's another Gold Note amplifier in the system, the HP-5.2 can be controlled by pressing the SHIFT button and then the AMP button from the remote control (page 20).



Tap and hold
for 3 seconds

HOW TO SELECT FUNCTIONS

Touchscreen display: To select the function and access the dedicated menu, click on it once, then using the left and right arrows to browse the menu. Click on the chosen function to confirm it and return to the main screen.

Remote control: Use the IN + and IN - buttons to navigate the main screen, press once the centre button to activate a function and enter the dedicated menu.

Using the IN + and IN - buttons to navigate the menu. Then press the centre button once to confirm the function and return to the main screen.

VOLUME CONTROL

Touchscreen display: Tap and hold the volume icon to change value or to mute/unmute.

Remote control: Use the VOL + and VOL - buttons to adjust the volume.

| FEATURES AND DISPLAY

DISPLAY OVERVIEW

All the functions of the HP-5.2 can be adjusted on the go through the display and the remote control. The volume is on the center while the other functions found in

the top and the bottom part of the display. Please refer to the image below for details about the options available for each function.



| FEATURES AND DISPLAY

INPUT AND OUTPUT SELECTION

The HP-5.2 has three type of audio outputs:

- | 1 REAR (Line output)
- | Bluetooth
- | Headphones

Select REAR to send audio to the RCA and XLR outputs.



Select one of 4 headphones outputs to send audio to the headphone or select Bluetooth to pair your bluetooth headphones.

EXPLORE THE DISPLAY

The HP-5.2 comes with an incredible wealth of features to let you customise your listening experience completely, opening a new era for the headphone lovers.

INPUT

The HP-5.2 features balanced (XLR) and unbalanced (RCA) inputs and is equipped with Bluetooth 5.2 HD aptX and a USB-C digital input. The digital inputs allow you to stream music directly from your smartphone, tablet, or computer.



OUTPUT

A vast range of outputs allows you to use the HP-5.2 with your favourite headphones – unbalanced (3.5 mm, 6.3 mm) and balanced (4.4 mm, 4-pin XLR) connectors are available on the front panel.

You can also select the bluetooth or REAR to send audio to the RCA/XLR outputs and use the HP-5.2 as your line preamp.

BALANCE



Balance allows you to control the volume of the L/R channels to ensure a personalised listening experience according to your auditory needs. This is a crucial feature since the headphones' drivers are hard to match perfectly.


MODE

To give you maximum flexibility, you can play stereo or mono audio.



| FEATURES AND DISPLAY

VOLUME AND MUTE CONTROL

To adjust the volume, use the VOL + and VOL- buttons on the remote control. On the display, tap and hold the volume level to access the menu, then use the + and - buttons to adjust the volume, and finally tap the volume level once to confirm and return to the home screen. To mute or unmute the sound, open the menu, then tap + and hold the volume level. When MUTE mode is active, an audio icon with a red X will appear on the home screen. 

COMPLETE CONTROL

The HP-5.2 can be controlled with the included remote control and the touchscreen display to offer the best possible experience. With the remote control you can adjust every setting while listening to your headphones comfortably seated in your favourite spot.

The HP-5.2 features a trigger IN/OUT connection to let you switch on the rest of your system in synch with the headphone amplifier.

Remote control: to control the HP-5.2 by the remote control, press the AMP mode button and then the POWER button on the remote control. After enter in the OPTION menu and choose AMP item.

If there's another Gold Note amplifier in the system, the HP-5.2 can be controlled by pressing the SHIFT button and then the AMP button from the remote control and then select SHIFT AMP on the OPTION menu (read more at the page 20).

BYPASS

In a system made up of several elements including a preamp, the bypass function of the HP-5.2 allows you to leave the wiring of the system unchanged and use either the HP-5.2 or the preamp for loudspeakers listening.

The Bypass function is automatically activated by selecting one of the 4 headphone outputs (not the REAR output) on the HP-5.2 and then putting the unit into standby mode (red led) by pressing and holding the display for 3 seconds or pressing the power button on the remote control.

PLEASE NOTE: for the bypass to work correctly, it is necessary that the source and the preamp connected to the HP-5.2 use the same type of wiring (RCA/XLR).

| STUDIO

Studio is our innovative set of features that pushes your headphones to the next level, fully implemented in the analogue domain to provide the best audio quality.

- | Crossfeed mixes L/R channels to recreate a sound stage, as if listening to loudspeakers.
- | Harman modes optimises the EQ for listening with headphones.
- | Superflat linearises the response for the highs.
- | DF adjusts the Damping factor perfectly matching your headphones.

The STUDIO screen allows 6 different profiles to be rename, set and stored.

HOW TO SELECT FEATURES

The STUDIO screen allows 6 different profiles to be rename, set and stored.

HOW TO SELECT FEATURES

Touchscreen display: click once on the profile you want to select (the text turns yellow) to activate it.

Then click once on **SETUP** to open the menu and click on the parameters you want activate. Then click on **BACK** to confirm.

Remote control: Use the << and >> buttons to navigate between profiles.

The profile name turns yellow when selected from the remote. Press the centre button to active the chosen profile.

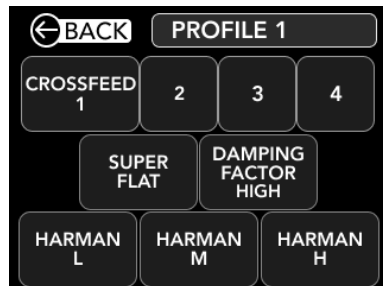
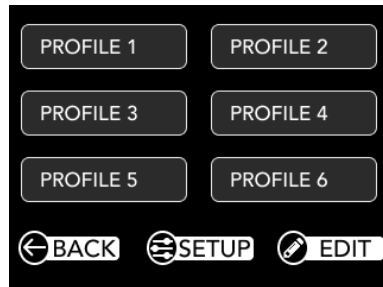
Finally click on **BACK** to save and return to the main screen.

PLEASE NOTE: It is possible to activate all functions at the same time with the exception of Crossfeed, for which only one of the four options must be chosen.


HOW TO RENAME PROFILES

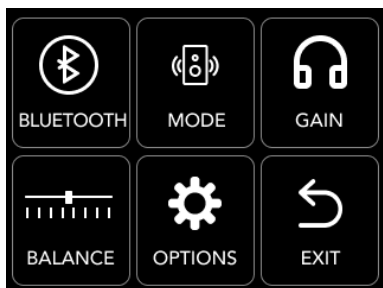
Touchscreen display: click once on **EDIT** to change the name profile. Use the left and right arrows to move between letters, then tap the letter you've chosen and use the arrows again to move to the next letter. Use the Space icon between words or DEL to delete one letter at a time. Once you've entered your desired name, press OK to confirm or **BACK** to cancel.

Remote control: select **EDIT** and press the central button to enter the menu. Dial the name using << and >> to move and the central button to confirm. Finally select OK and press the centre button to confirm.



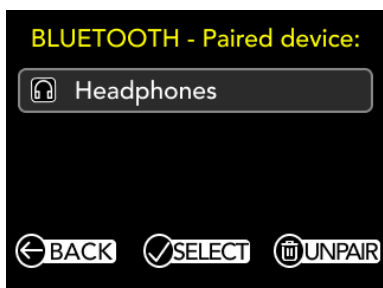
| SETTINGS

Select  icon to open the settings menu. Navigate the menu via the touchscreen display or by using the IN+ and IN- buttons on the remote control. Touch the chosen item once or press the Enter button on the remote control to enter the chosen menu.



BLUETOOTH

Turn on Bluetooth, view the available Bluetooth headphones, tap once on the name of the headphones you want to connect to, then press SELECT. Tap "Unpair" to disconnect a pair of headphones and connect another pair.



MODE

By pressing the icon, you can choose between Mono or Stereo mode.

GAIN

Allows you to choose between three different gain settings depending on the type of headphones:

| Reference

| IEM

| High

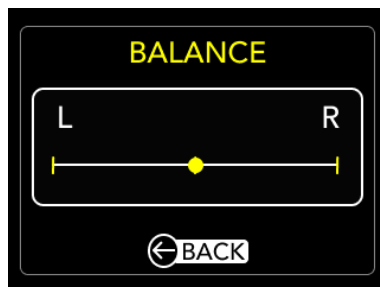
Please refer to the HP-5.2 optimal settings for Headphones.



https://www.goldnote.it/download/media/products/HP-5.2/HP-5.2_Headphones_Settings.pdf

BALANCE

Control the volume of the L/R channels to ensure a personalised listening experience according to your auditory needs.




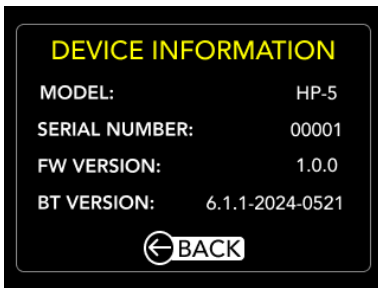
SETTINGS

INFORMATION

Select this item to view the device information, such as:

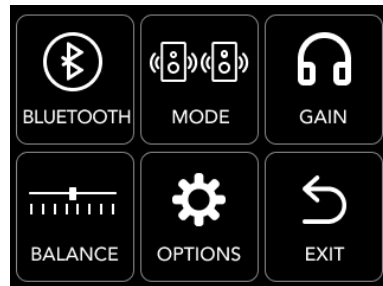
- | Model
- | Serial number (S/N)
- | Firmware version (FW VERSION)
- | BT version

To exit the menu tap on 



REMOTE CONTROL

To control the HP-5.2, open the OPTIONS menu, then tap REMOTE CONTROL, select Key AMP and finally press the AMP button on the remote control. If there is another Gold Note amplifier in the system, open the OPTIONS menu again, repeat the same procedure by selecting Key SHIFT+AMP on the display and pressing the SHIFT+AMP buttons on the remote control.



OPTIONS

By pressing the **POWER SETTINGS** icon once, you can choose **AUTO OFF** to set a timer to switch off the unit after 4 - 8 hours - when the option is active, the main screen show a clock icon on the right side of the volume - or **BYPASS ON/OFF** for systems that include a preamplifier, in order to integrate the HP-5.2 without altering the existing wiring. This lets you seamlessly switch between the HP-5.2 and your preamp for loudspeaker listening.


BRIGHTNESS

Allows you to set the desired brightness to high, medium, low or OFF. When the display is set to OFF, press once the display to reactivate it and to deselect the OFF setting, access the BRIGHTNESS menu again and choosing either high, medium or low.

FACTORY RESET

Click the function **ONLY IF YOU WANT** to reset the unit to factory settings. When **FACTORY RESET** is selected, the following warning message appears.



Press OK to confirm or  to decline.

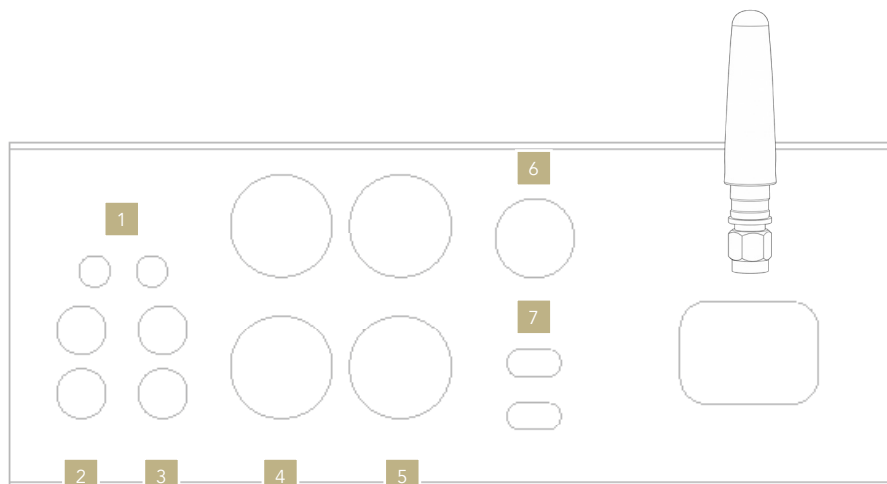
| CONNECTING OTHER DEVICES

MAXIMUM FLEXIBILITY

The high-quality connectors available on the rear panel of the HP-5.2 allow other devices to be connected, making it the core of a modern audio system. The USB-C input allow to listening the music directly from a computer, tablet or smartphone.

NOT JUST AN HEADPHONE AMP

The inputs allow to connect two different sources at the same time, such as a CD-5.2 CD-Player and a PH-5.2 phono stage to drive a turntable. The two outputs, on the other hand, can be used to connect two power amplifiers to compose a complete high-end system.



2

INPUTS XLR/RCA

Sources such as CD-5.2

4

3

OUTPUTS XLR/RCA

Power amplifier

5

6

PSU

PSX-5.2

7

USB-C

Computer
Tablet
Mobile phone

1

GN Link

12V trigger to link to other Gold Note models in Master-Slave mode, with the master unit turning ON/OFF the slave units.

PLEASE NOTE: To connect iPhone 14 and all previous models, Apple Adapter A1440 must be purchased.

| REMOTE CONTROL

USING THE REMOTE CONTROL

Control the HP-5.2 from the comfort of your sofa, navigate menus and functions and enjoy a new listening experience.

Power ON/OFF

Use POWER ON/OFF to turn ON and OFF the unit.

AMP

To control HP-5.2 press the AMP button and then the POWER button.

SHIFT and AMP

If there's another Gold Note amplifier in the system, the HP-5.2 can be controlled by pressing the SHIFT button and then the AMP button.

<< >> Center button

Press the left and right arrow buttons to navigate through the available menus and scroll to the desired item. Press the center key to confirm the choice.

Volume control

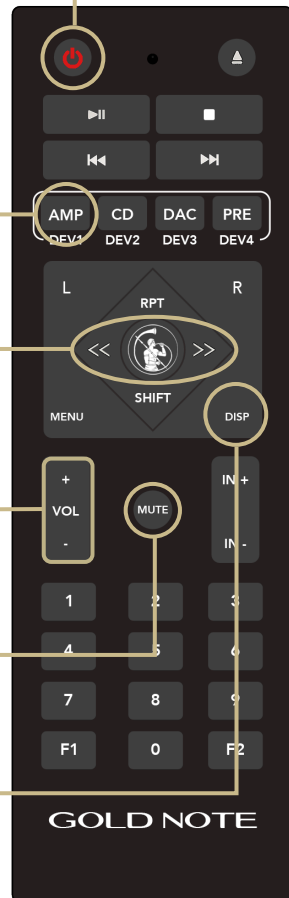
Use VOL+ and VOL- to adjust the volume level.

Mute

Use MUTE to mute the unit. When using this function, input selection is disabled.

Disp

Press DISP several times to change the brightness of the display.



| 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

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.

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-authorised personnel will void the guarantee.

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

| TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The GN remote control doesn't control the HP-5.2	<ul style="list-style-type: none"> The GN remote control can be used to control more than one unit. To control each unit the correct mode must be selected on the remote. 	<ul style="list-style-type: none"> Press the "AMP" button on the remote. If there's another Gold Note amplifier in the system, the HP-5.2 can be controlled by pressing the SHIFT button and then the AMP button from the remote control. (page 20)
HP-5.2 is not working	<ul style="list-style-type: none"> The interconnect cables used on the input/output are not shielded. 	<ul style="list-style-type: none"> Always use shielded cables.
	<ul style="list-style-type: none"> The power cord is not plugged in. 	<ul style="list-style-type: none"> Connect the power cord properly and ensure the power outlet is working.
	<ul style="list-style-type: none"> The cables are not connected properly. 	<ul style="list-style-type: none"> Ensure that the cables are properly connected.

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.