




GOLD NOTE PA-10 High Power Amplifier User Manual

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GOLD NOTE PA-10 High Power Amplifier



Product Information

- **Product Name:** PA-10
- **Brand:** Gold Note
- **Founder:** Maurizio Aterini

Product Important Safety Information

- Do not disassemble any part of the product.
- Do not use any part of the product for other purposes.
- Contact qualified Gold Note personnel for service and problems.
- Protect the product from rain, humidity, and heat sources.
- Use the supplied power cord only on this unit.
- Gold Note is not responsible for the improper use of this unit.

Generic Information

- Read and store the instructions.
- Heed all warnings.
- Follow the instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block ventilation openings and install according to the manufacturer's instructions.
- Avoid installing near heat sources.
- Do not defeat the safety purpose of the plug.
- Use only specified attachments/accessories.
- Use with specified cart, stand, tripod, bracket, or table.
- Exercise caution when moving the cart/apparatus combination.
- Unplug during lightning storms or when unused for long periods.
- Refer servicing to qualified personnel if damaged or not operating normally.
- Record model and serial number for reference.
- Do not remove cover or back. No user-serviceable parts inside.

- Avoid exposing the appliance to rain or moisture.

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

Important Safety Information

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 wheelee 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.

PACKAGE CONTENT



INTRODUCTION AND FEATURES

SMALL AND POWERFUL

The PA-10 is the new Power Amplifier of the series 10, packing plenty of innovative solutions, developed for high-power delivery and compact size, the perfect match for a modern High-End System that offers the Gold Note signature power and sound quality. The PA-10 is a fully balanced amplifier featuring a BTL design (Bridge-Tied-Load) which allows the unit to easily switch from Stereo to Mono, increasing the power rate from 75Watt per channel @ 8Ω stereo to a considerable 600Watt @ 4Ω mono. Use two PA-10 and the performance of your stereo system will increase noticeably. Audio-grade components, RCA and XLR connectors, gold-plated speaker terminals and high-quality circuitry ensure outstanding sound.

ADJUSTABLE DAMPING FACTOR

The PA-10 features a unique adjustable Damping Factor design that allows you to drive any loudspeakers optimally – including large and challenging speakers (DF High) or high sensitivity and mini-monitor speakers (DF Low).

DESIGN AND MATERIALS

The solid steel chassis is made of massive panels of aluminium to avoid RFI and EMI and for maximum shielding, following the design principle of the Series 10 to seamlessly integrate the PA-10 into our coherent philosophy inspired by the Italian tradition.

GN LINK

Our proprietary GN Link technology enables the PA-10 to work in Master-Slave mode with other Gold Note sources, such as the DS-10 EVO, turning On/Off the amplifier together with the master unit. The Master-Slave mode is a convenient way to enjoy your music controlling the entire audio chain from one source only.

OPTIONAL ACCESSORIES

MX-10 card: this card allows the simultaneous use of the RCA and XLR inputs. With this card, you don't have to select the RCA/XLR input on the rear panel (BAL switcher), and you can even play music from two sources at the same time and use the PA-10 as an analogue mixer.

TECHNICAL SPECIFICATIONS

MAIN FEATURES

- **Power output:** 75W@ 8Ω and 150W @ 4Ω per channel, 600W @ 4Ω per channel in mono (BTL)
- **Frequency response:** 10Hz-30kHz at +/-1dB
- **HD – Total Harmonic Distortion:** 0,05%
- Damping factor:
 - High= 250
 - Low= 25
- **Input sensitivity:** 1,4V RMS on RCA and XLR
- **Input impedance:** 13kΩ RCA/XLR

POWER

- **Power supply:** 100-240V, 50/60Hz
- **Standby power:** <1W <10W no signal
- **Power Consumption:** 600W (nominal power)
- **Dinamic power:** 1400W max Fuse 6,3A T

AUDIO INPUTS

- RCA Stereo unbalanced
- XLR Stereo balanced

DIMENSIONS AND WEIGHT

Dimensions

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

Weight

- Kg. 4
- Kg. 5 – boxed

OPERATING CONDITION LIMITS

- **Temperature:** From 0°C to 35°C
- **Humidity:** 90% without condensation

HIGH POWER AMP

- The PA-10 is capable of:
 - 75W @ 8Ω Stereo load
 - 150W @ 4Ω Stereo load
 - 300W @ 2Ω Stereo load
 - 300W @ 8Ω Mono (BTL) load
 - 600W @ 4Ω Mono (BTL) load

FRONT PANEL

FRONT PANEL OVERVIEW

The LED light turns blue when PA-10 is powered.

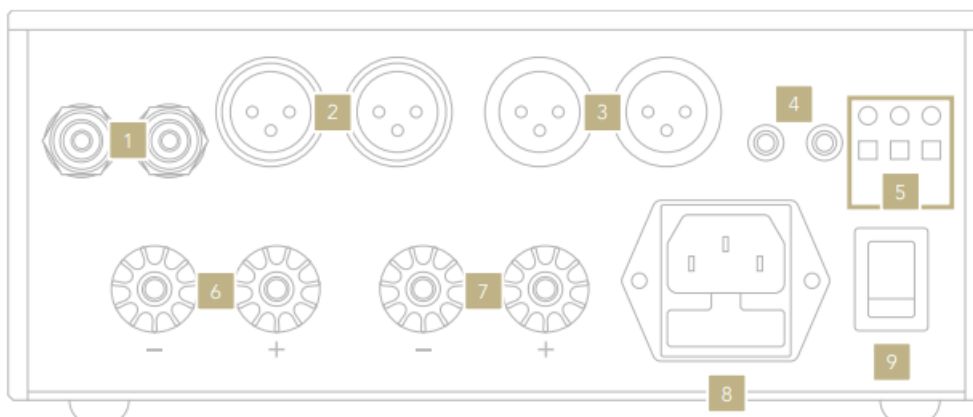


LED status light

- **Red** = standby
- **Blue** = ON

REAR PANEL

REAR PANEL OVERVIEW



AUDIO INPUTS

1. RCA unbalanced
2. XLR balanced

LINE OUTPUT

3. XLR balanced

GN LINK

4. 12V IN/OUT (3.5mm) to synchronise with other Gold Note units.

POWER

5. Press BTL switch to use in Mono, the Led above turns blue.
Press DF switch for low damping factor, the Led above turns blue.
Press BAL switch to activate the XLR inputs, the Led above turns blue.

SPEAKER OUT

6. Right channel
7. Left channel
8. AC IEC plug with integrated fuse holder drawer 6,3A T 5x20mm at 100/240V.
9. Master switch ON/OFF

MONO MODE (BTL)

See for more info.

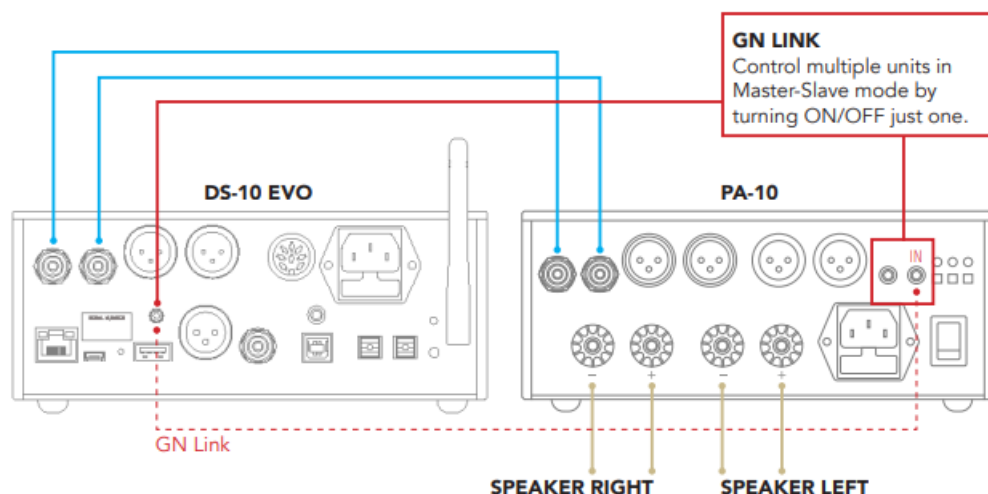
ATTENTION

The left – and right + outputs are electrically interconnected.

INSTALLATION

RCA CONNECTION

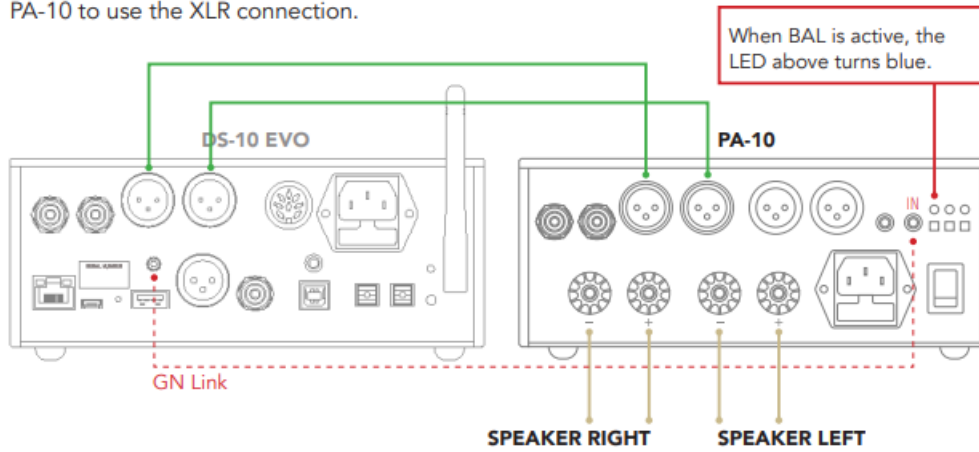
The PA-10 can be connected to your audio system via unbalanced RCA inputs or balanced XLR inputs. The PA-10 is extremely flexible and you can set it up in a wide variety of configurations, as shown in the following pages.



XLR CONNECTION

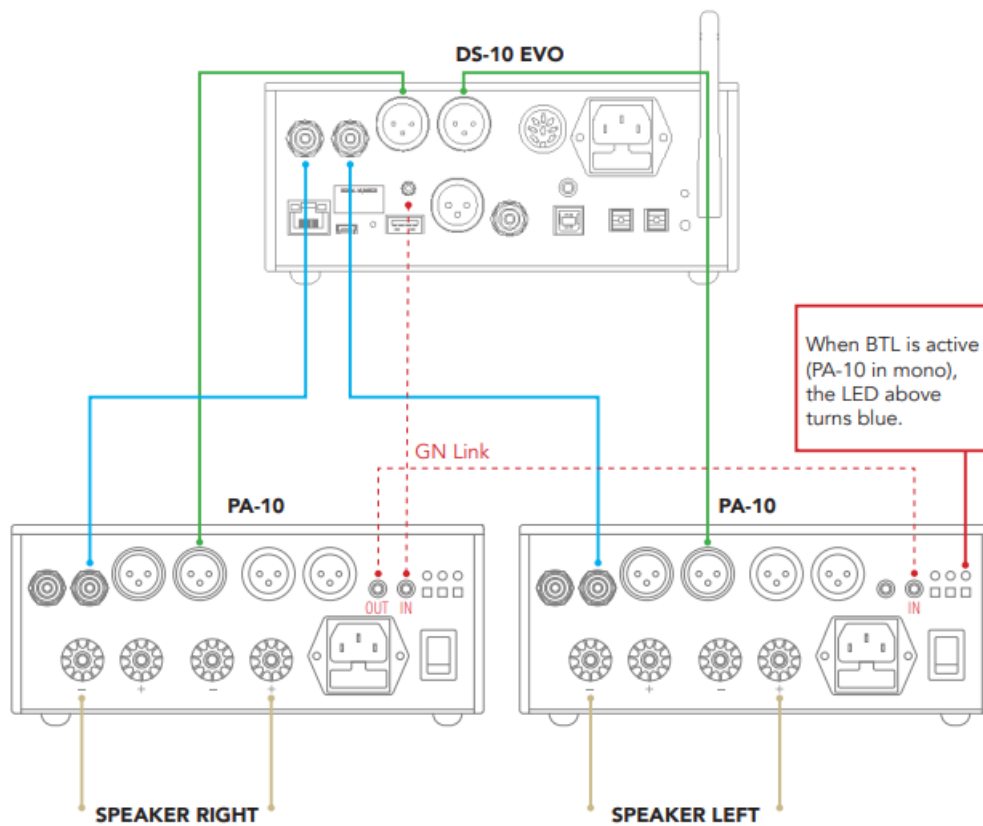
Press the BAL button on the rear of the PA-10 to use the XLR connection.

Press the BAL button on the rear of the PA-10 to use the XLR connection.



MONO MODE (BTL) XLR CONNECTION WITH TWO PA-10

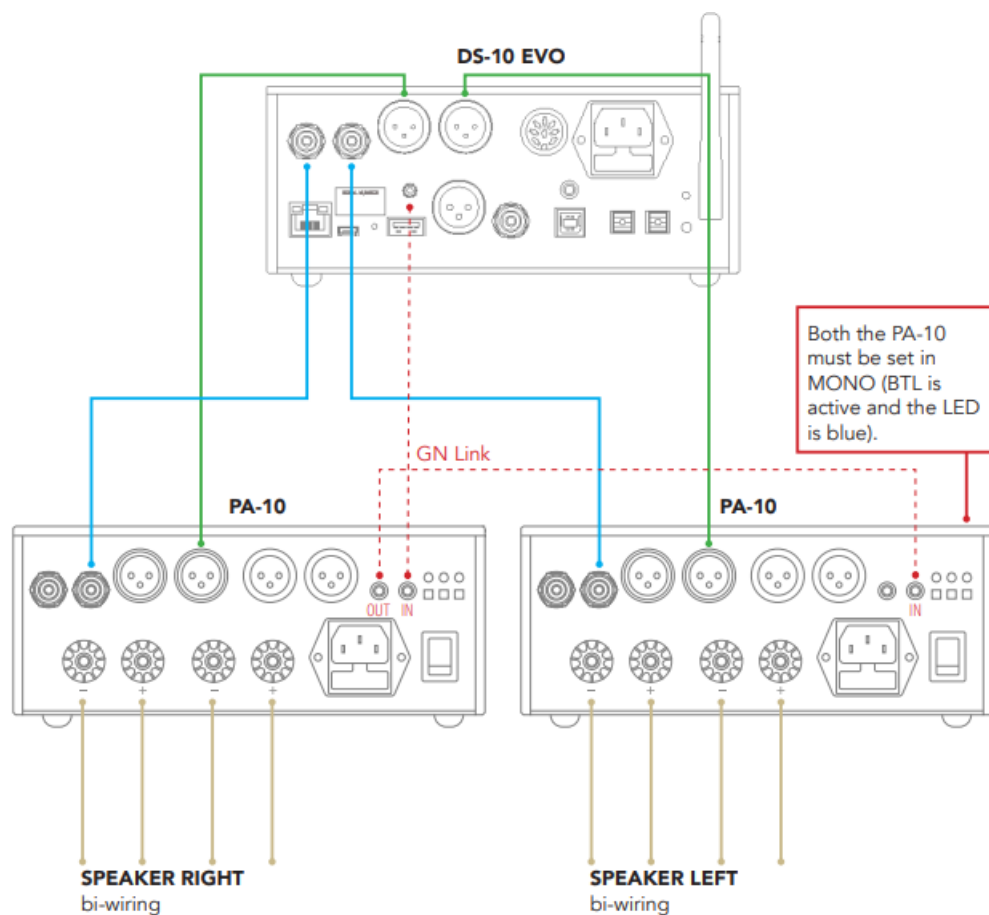
Press the BAL and BTL buttons of each PA-10 for this configuration.



BI-WIRING CONNECTION

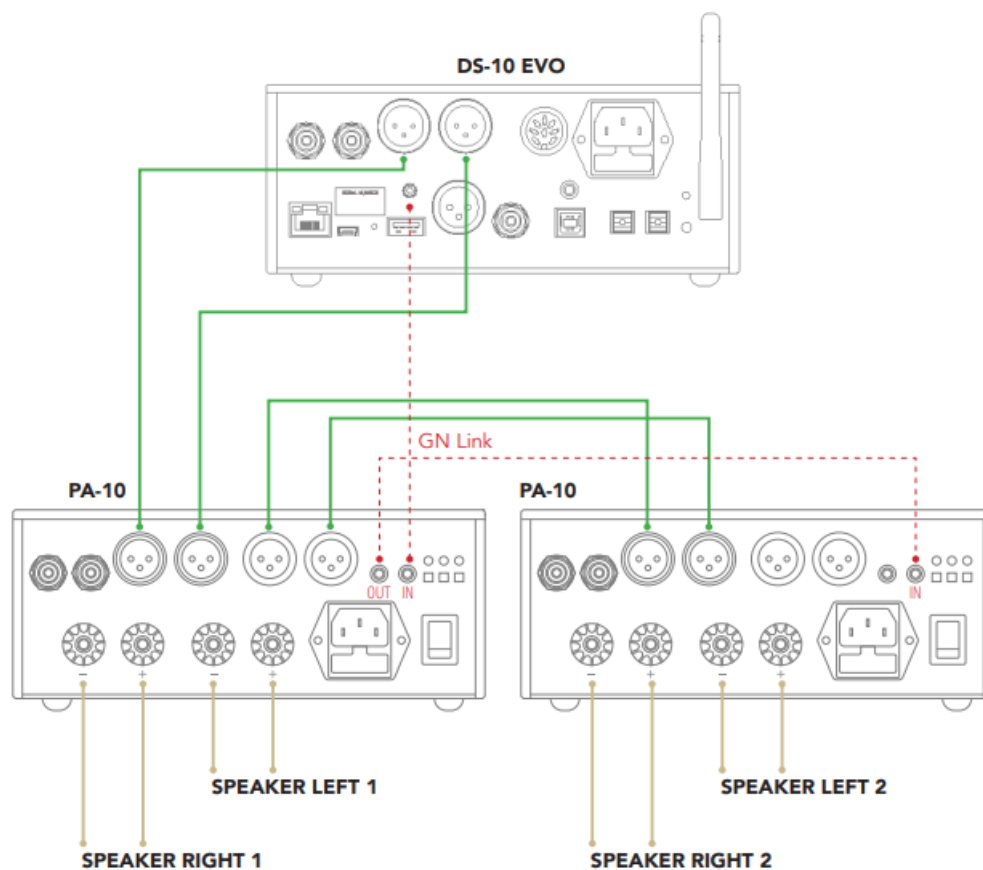
The PA-10 can be easily matched with speakers designed for bi-wiring.

To drive bi-wiring speakers, you need a pair of PA-10s which must both be set in MONO mode. Connect the cables as shown in the picture below to complete the installation..



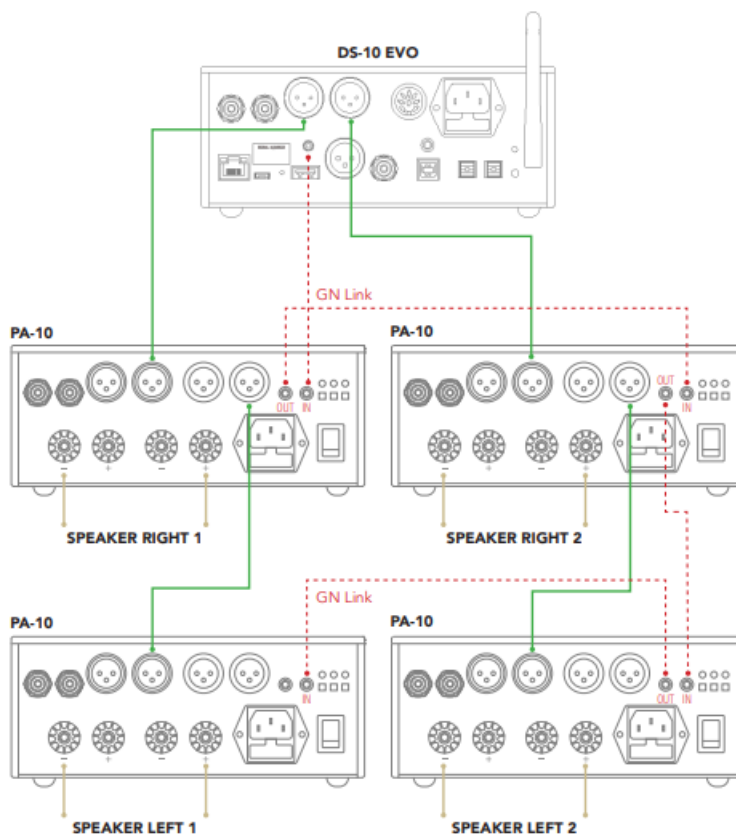
XLR CONNECTION WITH TWO PA-10 AND FOUR LOUDSPEAKERS

Press the BAL button of each PA-10 for this configuration.



XLR CONNECTION WITH FOUR PA-10 AND FOUR LOUDSPEAKERS

Press the BAL and BTL buttons of each PA-10 for this configuration.



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.

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.

ATTENTION

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

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The speakers hum when the amplifier is connected to the system.	The unit is not correctly coupled with the Ground on DC.	Ensure the system is well grounded and check the ground Pin on the power cord plug.
	The interconnect input and/or output cables are not shielded.	Be sure to always use shielded cables for the amp connections.
The unit buzzes every time it is turned ON or OFF.		Turn Off the amplifier as first but turn it on as last of the audio system unit.
The unit does not work when the stage is switched ON.	The AC Stage plug is disconnected from the wall power outlet.	Make sure it's connected and that the wall outlet works.
	The interconnect cables are not properly connected to the amp.	Make sure they are properly connected and working.
	One of the fuses is blown.	Substitute the fuse with one of the same value (6,3A T 5x20).

CLEANING THE UNIT

- The speakers hum when the amplifier is connected to the system.
- 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 fine aesthetic. Do not use alcohol.

RELATED PRODUCTS

CARTRIDGES

• DONATELLO

Lightweight MC phono cartridge with top-of-the-range performance. Features Micro Elliptical diamonds, copper coils and Duraluminium body.

• VASARI

High-quality MM phono cartridge featuring Elliptical or Conical diamond tips and copper coils in a special computerdesigned body.

TURNTABLES

• PIANOSA

Italian design meets technical innovation and impeccable finishes. Pianosa is a handmade turntable featuring a 23mm platter made of damping polyvinyl and our proprietary motor powered by microcontrolled for 33/45rpm.

- **ALORE 425 PLUS**

Available in 4 luxurious finishes, Valore 425 Plus is a handmade turntable and features a 23mm platter made of PTE. A classic design delivering excellent audio performances

ELECTRONICS

- **DS-10 EVO**

Our modern Streaming DAC with Preamp and Headphone Output, the DS-10 EVO is the core of a modern and compact audio system.

- **PH-10**

The PH-10 is a fully analogue phono preamplifier that offers unique features, including EQ CURVES, LOAD and GAIN adjustments, and an intuitive UX thanks to its SKC (Single Knob Control) and display.

LOUDSPEAKERS

- **A3 EVO II**

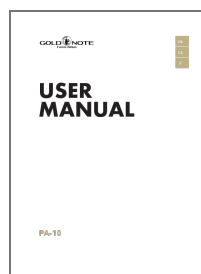
Elegant and compact, the A3 EVO is a 2-way loudspeaker with bass reflex.
Modern Italian looks, stunning materials and audiophile sound.

QR SCAN





www.goldnote.it/product-registration

Documents / Resources

 The image shows the cover of a Gold Note user manual. It features the Gold Note logo at the top, followed by 'USER MANUAL' in bold. At the bottom, it says 'PA-10'.	<p>GOLD NOTE PA-10 High Power Amplifier [pdf] User Manual PA-10, PA-10 High Power Amplifier, High Power Amplifier, Amplifier</p>
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References

-  [Gold Note | Il Suono Italiano](#)
-  [Gold Note | Product registration](#)
-  [Gold Note | Registrazione prodotto](#)