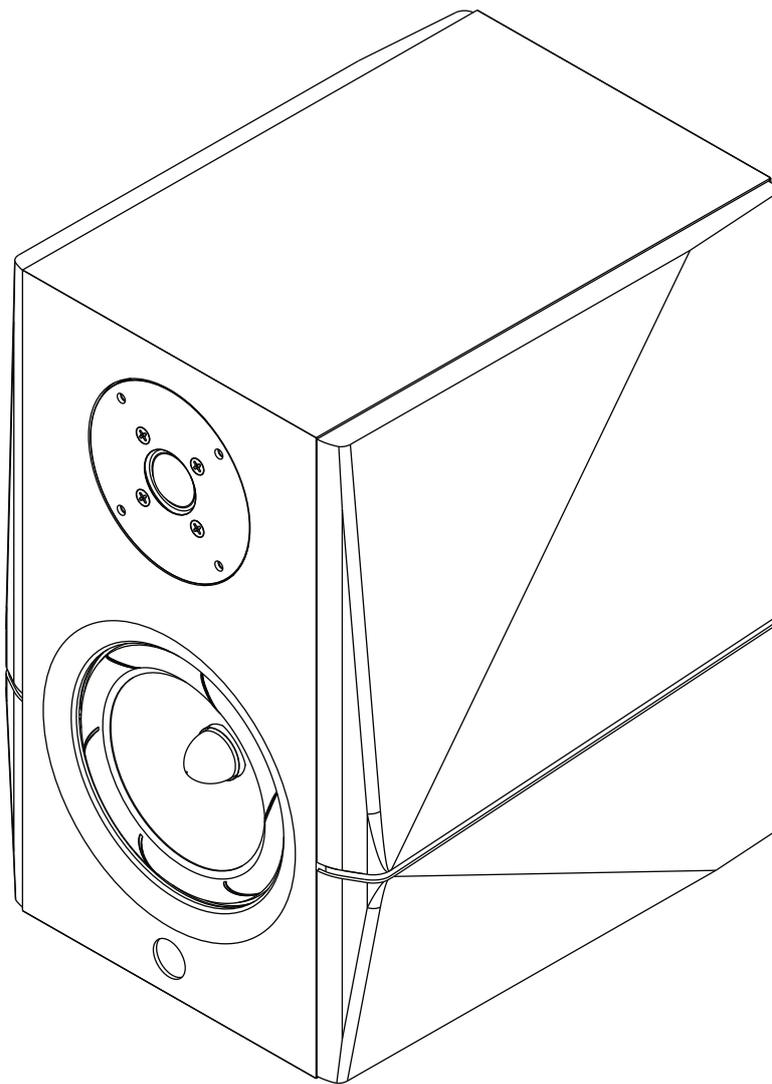


# GOLD NOTE

il suono italiano



## A3-EVO

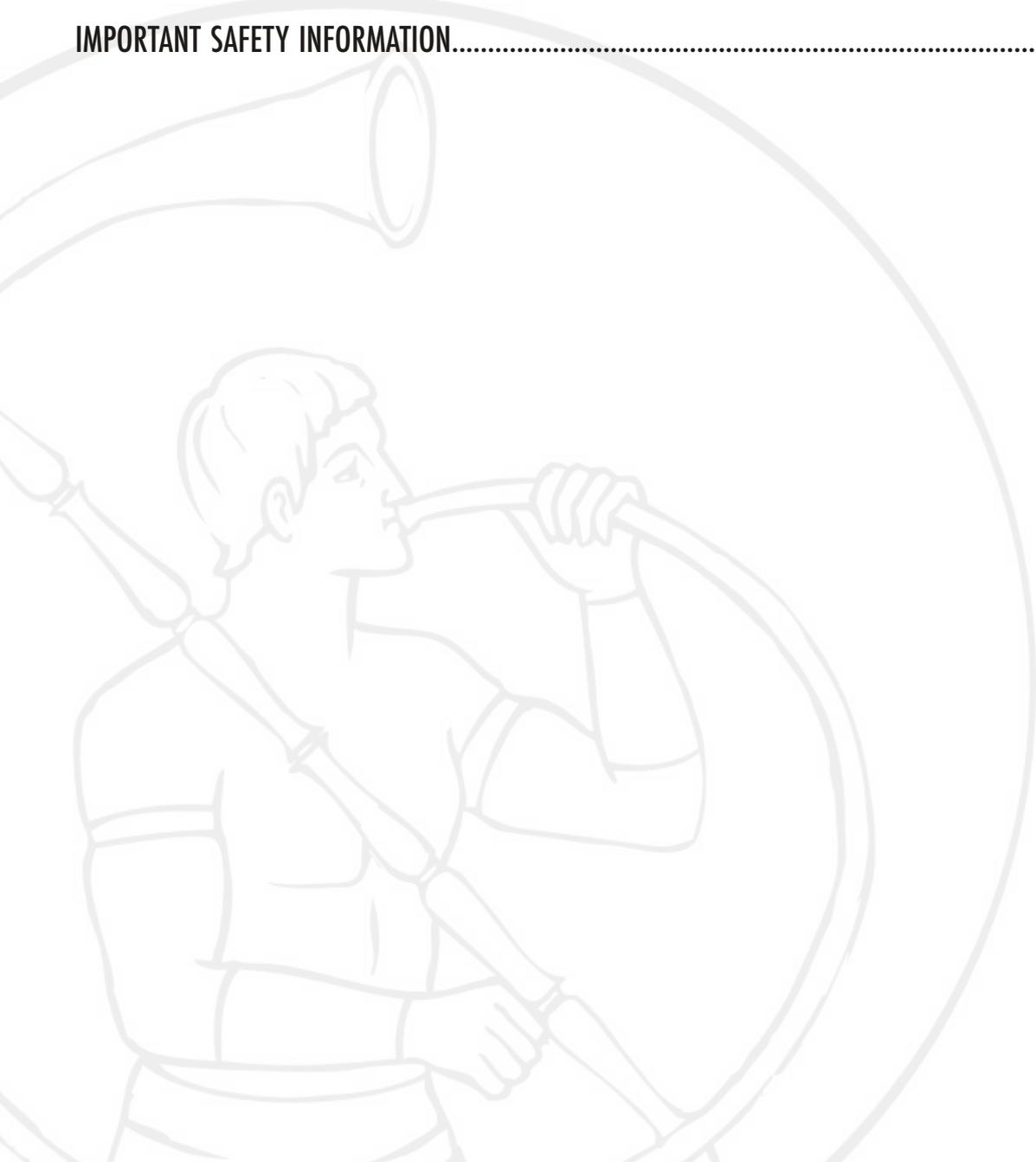
2 WAY BOOKSHELF LOUDSPEAKER

OWNER'S MANUAL



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# INTRODUCTION

A3 EVO is a two-way bookshelf speaker with bass reflex and a 12cm mid-woofer in a special hardened woven polypropylene and a 25mm dome tweeter in silk.

The mid-woofer of A3 EVO is produced by SEAS following our specific instructions in order to obtain a driver in hardened polypropylene which can deliver exceptionally low and powerful frequency responses and a non commone linearity of the transients to achieve the most natural and dynamic reproduction possible.

The custom 25mm dome tweeter with fluid iron is produced by Audax and features a big magnet in ferrite as well as an extra rigid flange in aluminum.

The silk dome permits to keep the frequencies always ultra clean with a noteworthy extension.

The speaker cabinet's insides are made of hardened HDF. The reflex pipe on the back is made of anodized aluminum.

The principal body of the speaker is splendidly lacquered in shiny black or in walnut wood.

The cabinet features two diamond shaped side panels with aluminum inserts thus resulting in a stronger, more rigid structure to enhance power control.

The A3 EVO therefore represent an elegant completion of furniture in the homes of even the most demanding audiophiles.

# SPECIFICATION AND KEY FEATURES

## SPECIFICATIONS

2 way rear bass reflex bookshelf speakers

Frequency response 45-20000Hz  $\pm$ 3dB

Sensitivity: 87dB SPL 2,83V/1m

Nominal Impedance: 6 $\Omega$

Tweeter: 1" AUDAX silk dome driver

Mid-woofer: 6" SEAS woven polypropylene

Suggested power amplifier: min. 10Watt

Max power handling: 100W RMS

Crossover: 2300Hz at 12dB/Oct.

Connectors: Gold Note gold plated nickel free

## FINISHES

Cabinet: Black

Side panels: Glossy Italian Walnut or Black Glossy

## DIMENSIONS AND WEIGHT

Dimensions: 357mm W x 1280mm H x 665mm D

Weight: Kg. 20/pr. net – Kg. 25/pr. boxed

## UPGRADE

Dedicated Stand

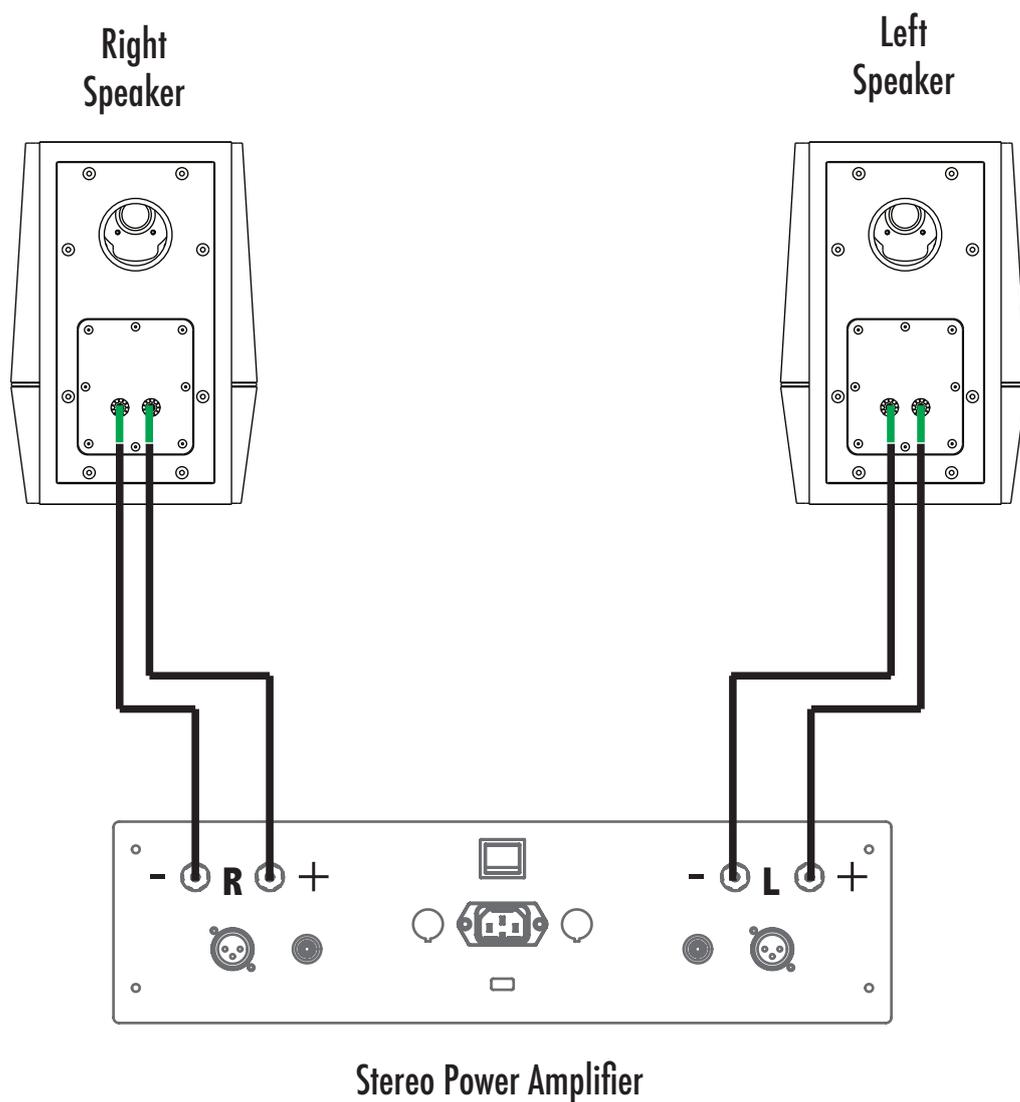
## KEY FEATURES:

**16cm** ultra rigid woven polypropylene cone driver mid-woofer

**25mm pure silk** dome tweeter, rear aluminum bass reflex

# CONNECTING THE SPEAKERS

## EXAMPLE CONNECTION



# SPEAKER POSITIONING

Identifying the ideal sound/acoustic room to play an audio system well is not that strictly related to the proportional dimensions of the rooms as many audiophiles believe.

The sound played through an audio system is just “Energy diffused in a closed environment” that is all absorbed, reflected and dispersed.

The loudspeaker position is the most important aspect because managing the reflections is a key factor to get the best sound. The first two reflections are crucial, after them the energy of the reflection starts being lower and does not particularly affect the sound performance.

The first reflection creates a 25m/s delay. Such delay is not favorable because it creates a disturb overwhelming the sound while the delay in between 40 and 80m/s creates what is called ambience.

Therefore it is very important to reduce the first reflection keeping the speaker as far as possible from the side walls and using some carpets on the floor in front of them is advisable.

A symmetrical position of the speakers in the room, having the same distance from the side and rear walls is also very important and should be implemented when possible. The better the positioning the better the focus and the sound stage will be.

## WALL MATERIAL

Generally, most of the walls are thick therefore there is the best bass extension control as well as good acoustic isolation.

Dry walls vibrate quite a bit, therefore they are usually not favorable or should be treated accordingly.

## CEILING

The higher the better. The ideal works between 250 and 360cm having the same regular height.

The vaulted ceiling is quite critical because it works like a magnifier lens increasing the power in specific areas.

In case of an attic where typically the ceiling slopes down it is better to position the speakers closer to the lower ceiling and place the listening point in the higher ceiling area.

## FLOOR

Marble floors are the worst because they are extremely reflecting but even the all carpet floors don't work well because they absorb indiscriminately

The best option are wooden floors. In any case, all floors can be easily corrected with a 2/4cm thick carpet placed in front of the speakers.

## SIDE WALLS

Covering the side walls with a carpet is wrong but leaving them naked is not the ideal solution either. Pictures with frames on the walls are ok if they come without glass protection and are placed symmetrically on both sides of the speakers. Eventually some small specific traps could be a good solutions.

# SPEAKER POSITIONING

## REAR WALL

The rear wall does not need to be symmetrical like the side walls but some additional acoustic treatment will be able to diffract the energy of the sound wave which is important to get good results.

A traditional library with books and records is a very good “no cost” solution.

## OPPOSITE WALL

The wall opposite of the stereo system is not that critical. If it is too close to the listening point itself it would be better covering it with some absorbing material or with a thick curtain.

## WINDOWS AND DOORS

They always vibrate. It would be better to not have them situated in the room’s corners or in the middle of the side walls. Treating them with absorbing material could be good but they also must be well closed not waving. Having a door behind the listening point could work fine once opened.

Curtains in front of the windows should be light to avoid stopping too much energy, except for the optional ones behind the listening point.

## FURNITURE

Ideally, avoid using big furniture with glass/many doors. Open shelf furniture is the best.

If possible, avoid placing the table in between the speakers and the listening point because tables tend to reflect heavily the high and mid-frequencies.

## AUDIO RACKS

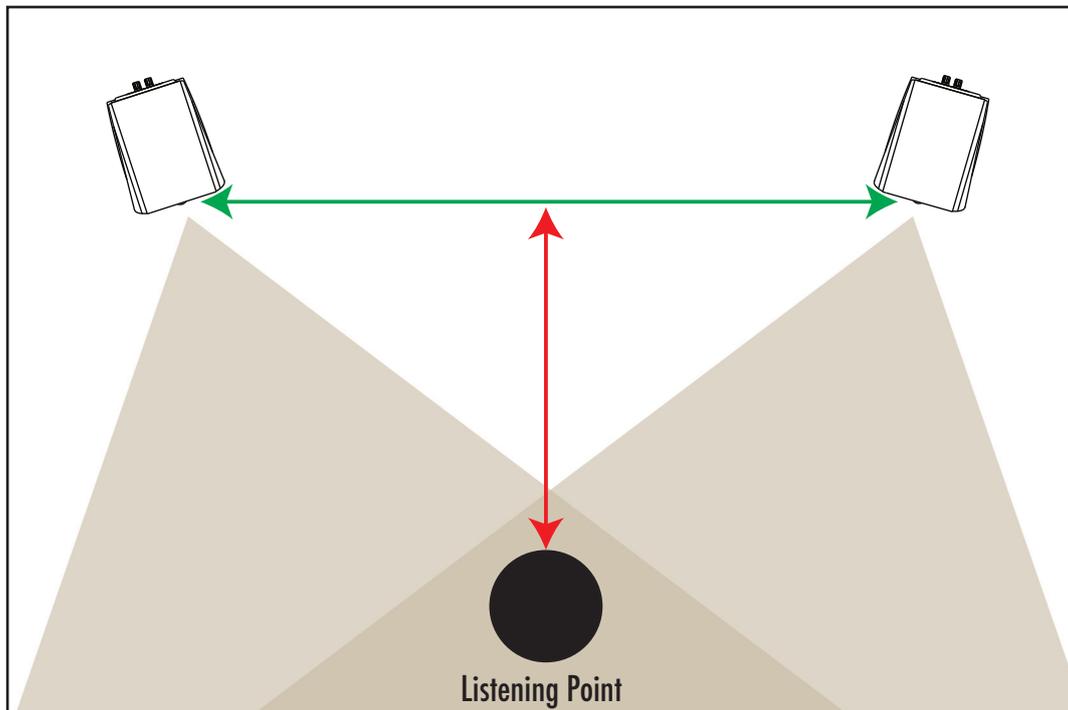
Though the best position of audio racks usually is not in the middle of the speakers, some special racks such like the Gold Note Galileo can be placed there because its special all curved shape helps diffracting the sound waves very well. If you are using standard racks placed in the middle of the speakers, it is preferable to have rather small ones which enhance a better sound focus.

## SUBWOOFER

A general thinking believes the subwoofer does not have any direct emission of sound so the position is not important. In fact, the energy of the waves generated by the subwoofer creates a sound stage which follows rules similar to the full range speakers therefore the same rules should be applied to it as well.

# SPEAKER POSITIONING

## WIDER STEREO SOUND STAGE SPEAKER POSITION (for some instrumental music, symphonic orchestra, etc.)



- The distance of both the speakers to the listening point should be the same
- The distance between both the speakers and the side walls should be the same
- The distance between both the speakers and the rear wall should be the same

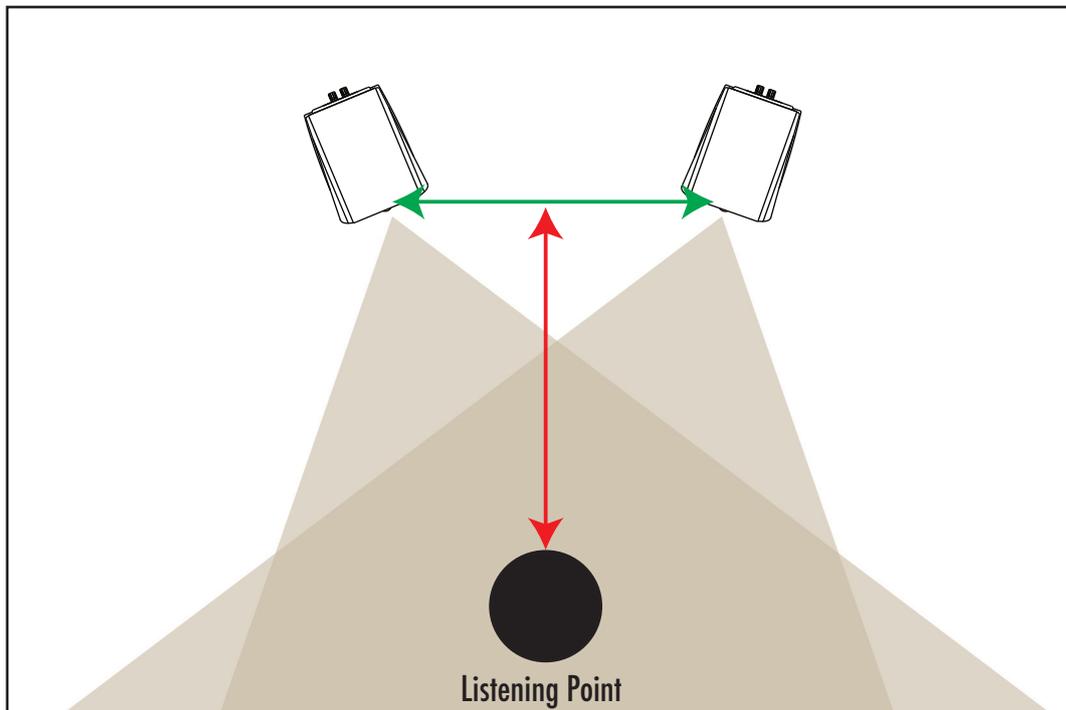
The more distance there is between the speakers the wider the sound stage will get but less focus will be obtained.

To balance the focus, the speakers can be directed to the listening point as indicated in the images of the pages 9 and 10 of this manual.

# SPEAKER POSITIONING

## NARROWER STEREO SOUND STAGE SPEAKER POSITION

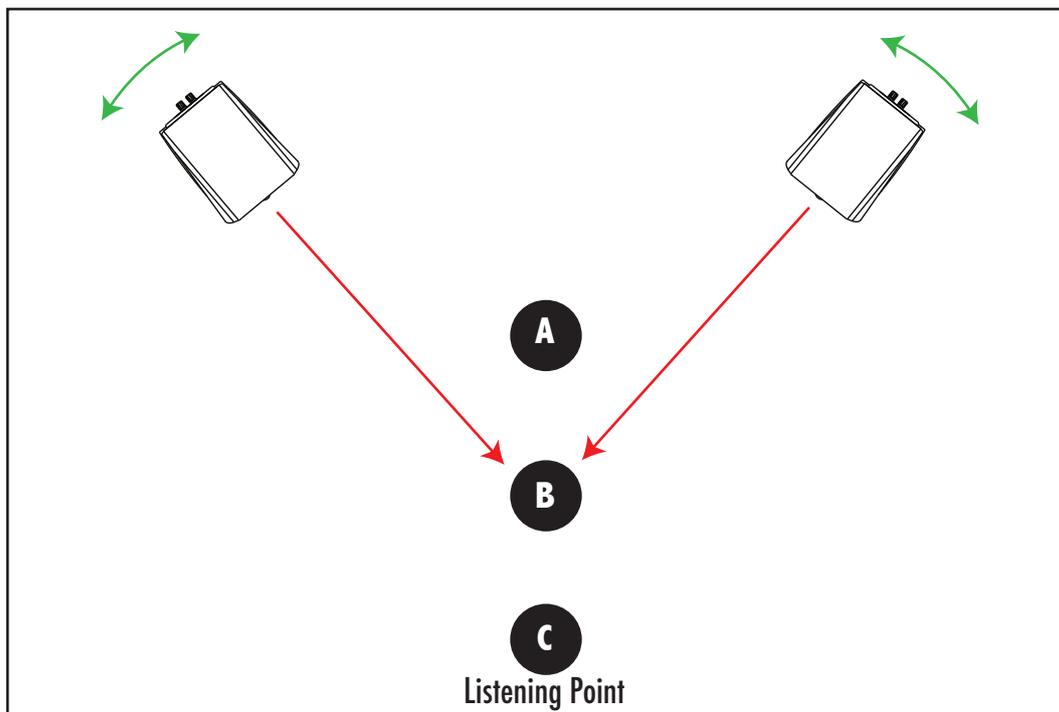
(Eventually for solo instrument music like piano, guitar and voice etc.)



The closer the two speakers stand the better the focus but worse the wide realistic sound stage.

# SPEAKER POSITIONING

## DISTANCE BETWEEN SPEAKER AND LISTENING POINT ORIENTATION



The distance between the speakers should be the same as the one to the listening point. If the distance is shorter, the speaker must be directed to the listening point accordingly (see illustration above).

Empirical tests are necessary to find the right proportion between wide stereo sound stage focus and crispy details.

# 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](http://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](http://www.goldnote.it/service)

## **PLEASE NOTE**

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

# FAQ AND TROUBLESHOOTING

## FAQ

ACTION	DESCRIPTION	HOW TO ADJUST IT
CLEANING THE UNIT	<ul style="list-style-type: none"> <li>The Unit is dirty and needs to be cleaned.</li> </ul>	<ul style="list-style-type: none"> <li>With EXTREME care use ONLY diluted alcohol and a very soft 100% cotton cloth to sweep dust and stains out.</li> <li>Any acid or not extremely soft cloth will irreversibly damage the amplifier fine aesthetic.</li> <li>Do not use any alcohol to clean the unit anodised label, or printed parts. Only dry cloth is allowed.</li> </ul>

## TROUBLESHOOTING

SYMPTOM	DESCRIPTION	CAUSE	REMEDY
SPEAKER HUMMING PROBLEMS	The speakers hums when the amplifier is connected to the system.	<ul style="list-style-type: none"> <li>The unit is not correctly coupled with the ground on DC.</li> </ul>	<ul style="list-style-type: none"> <li>Be sure your area and personal environment are well grounded eventually isolate the ground Pin of the power chord plug for verification.</li> </ul>
		<ul style="list-style-type: none"> <li>The interconnect input and/or output cables are not shielded.</li> </ul>	<ul style="list-style-type: none"> <li>Be sure to always use shielded cables for the amp connections.</li> </ul>
OUT of PHASE	The sound does not have a proper focus even when well positioned.	<ul style="list-style-type: none"> <li>The speaker terminals (negative/positive poles) are inverted in some way on the amp or on the speaker.</li> </ul>	<ul style="list-style-type: none"> <li>Turn Off the amplifier first and then rewire the speaker terminals correctly.</li> </ul>
SOME DRIVERS DO NOT WORK		<ul style="list-style-type: none"> <li>The bridges are not well connected to the speaker terminal (Binding Posts).</li> </ul>	<ul style="list-style-type: none"> <li>Connect the bridges well.</li> </ul>
		<ul style="list-style-type: none"> <li>The speaker cables are not well connected to the speaker.</li> </ul>	<ul style="list-style-type: none"> <li>Connect the cables properly.</li> </ul>
		<ul style="list-style-type: none"> <li>The amplifier does not play music.</li> </ul>	<ul style="list-style-type: none"> <li>Verify the connectivity and that the music is played through a correct source.</li> </ul>

For spare parts visit the official **Gold Note** store at:

[www.akamaiaudio.it](http://www.akamaiaudio.it)

# IMPORTANT SAFETY INFORMATION



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



**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 and humidity and keep away from heat sources, electric and electronic motors etc.

The power Chord supplied must be used only on 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.
- 2** Keep these instructions.
- 3** Heed all warnings.
- 4** Follow all instructions.
- 5** Do not use this apparatus near to any water.
- 6** Clean only with dry cloth.
- 7** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9** Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized 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.
- 10** Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11** Only use attachments/accessories specified by the manufacturer.
- 12** 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.
- 13** Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14** Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply 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, does not operate normally, or has been dropped.
  - Do not expose this apparatus to drips or splashes.
  - Do not place any objects filled with liquids, such as vases, on the apparatus.
  
  - Do not install this apparatus in a confined space such as a book case or similar unit.
  
  - The apparatus draws nominal non-operating power from the AC outlet with its POWER or STANDBY/ON switch not in the ON position.
  
  - The apparatus should be located close enough to the AC outlet so that you can easily grasp the power cord plug at any time.
  
  - The main plug is used as the disconnect device, the disconnect device shall remain readily operable.
  
  - If the product uses batteries (including a battery pack or installed batteries), they should not be exposed to sunshine, fire or excessive heat.
  
  - Caution should be taken when using earphones or headphones with the product because excessive sound pressure (volume) from earphones or headphones can cause hearing loss.











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Akamai S.r.l.  
[service@goldnote.it](mailto:service@goldnote.it)  
[www.goldnote.it](http://www.goldnote.it)