

A6 EVO

3 WAY SLIM FLOOR STANDING LOUDSPEAKER

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PACKAGE CONTENT

- 2 A6 EVO Loudspeakers
- 2 Loudspeakers covers
- 8 Under tip
- 4 Allen screws M4X30
- 8 Allen screws M4X45
- 12 Washer M4
- 8 Spike XT-7 sandblasted + blackening
- 1 User Manual

INTRODUCTION AND KEY FEATURES

The A6-EVO is a compact but extremely powerful floor standing loudspeaker designed to provide a natural and smooth sound reproduction: it's simply the best speaker of this size we have ever made and it's distinctive in its beautiful slim diamond shaped design.

The new 12 cm SEAS treated paper front mid-woofer drivers feature massive magnets to control power guaranteeing ultra-extended bass response while offering a higher efficiency for maximum resolution.

To provide exceptionally fast transient response and retain full natural music reproduction, the two mid-bass drivers have a 12dB/Octave set up at 2000Hz/60Hz range, where the 15cm SEAS ultra rigid woven polypropylene internal subwoofer driver kicks in.

The subwoofer is located in a separate sealed chamber at the bottom of the speaker and features a dedicated crossover network and bass reflex port faced to the floor that with the help of its special designed wooden stand allows no critical room positioning and perfect bass power impact.

The subwoofer driver is realized through metal injection moulding to create a supporting structure specifically designed for powerful bass reflex speakers and combined with a special spider ring and ultra-elastic suspensions with insertion cuts to achieve greater extension and power but also finer details.

The custom 1" silk dome tweeter is tuned to match the speaker shape and features an rigid aluminum flange to deliver crystal clear high-frequencies with full power.

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

The speaker lays on a solid and elegant wooden stand with a bottom bass reflex port.

The crossover components are exclusively made by Mundorf and Clarity: no compromises have been made on the design and only top quality parts have been chosen.

KEY FEATURES:

The **A6 EVO** is a slim tower speaker indicated for relatively small to mid-large sized rooms featuring drivers as follows:

- **25 mm elliptical silk dome tweeter** made for **Gold Note** in France by **Audax**

- **2 x 12 cm recessed paper Mid-Bass drivers** custom made for **Gold Note** in Norway by **SEAS**

- **15 cm woven polypropylene cone Mid-woofers** internal symmetrical design sub-woofer made for **Gold Note** in Norway by **SEAS**

TECHNICAL SPECIFICATIONS

SPECIFICATIONS

Tower 3 way double Bass Reflex loudspeaker featuring easy positioning design and floor faced sub-woofer bass reflex port.

Frequency response: 40-20000Hz \pm 3dB

Sensitivity: 88dB SPL 2,83V/1m

Nominal Impedance: 4 Ω

Tweeter: 1" AUDAX silk dome driver

Mid-woofer: 2 x 5" SEAS treated paper cones

Sub-woofer: 6" SEAS woven polypropylene cone

Suggested power amplifier: min. 20Watt

Max Power Handling: 150W RMS

Crossover: 60Hz and 2000Hz @ 12dB/Oct.

Connectors: Gold Note gold plated nickel-free

Upgrades Crossover: special components on demand

DIMENSIONS AND WEIGHT

Dimensions: 230 mm W 1080 mm H 285 mm D

Weight: Kg. 60/pr. net - Kg. 80/pr. boxed

FINISHES

Cabinet: Black

Side panels: Glossy Italian Walnut or Black Glossy

HOW TO PLACE THE NUT BOLTS ON THE BASE

STEP1

Please place the stand column on a soft cloth in upright position

STEP2

Insert the spikes 1 and 6


STEP3

Insert the spikes 2 and 4 So insert the type B spikes.

IMPORTANT!

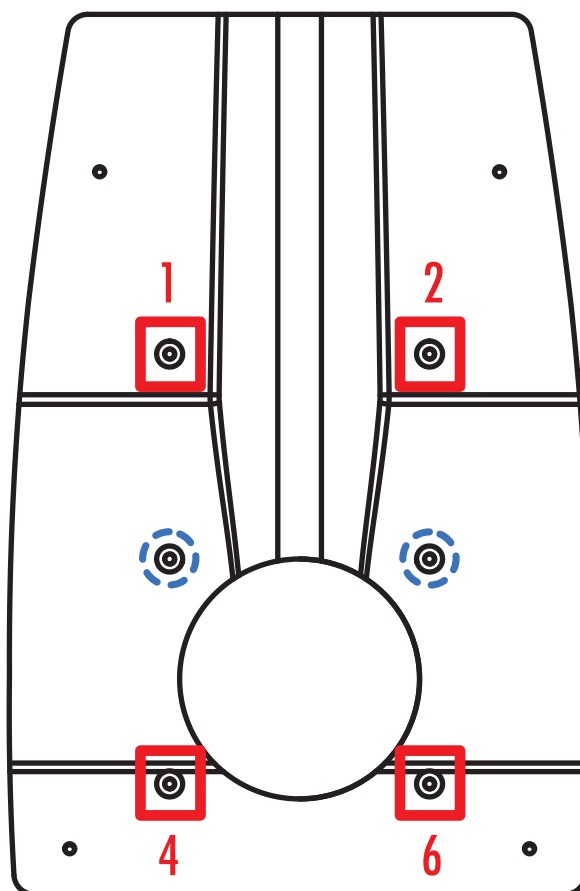
Please pay attention to the spikes bolts supplied when installing the base of the A6 EVO. The base requires two different type of spikes bolts to be firmly installed:



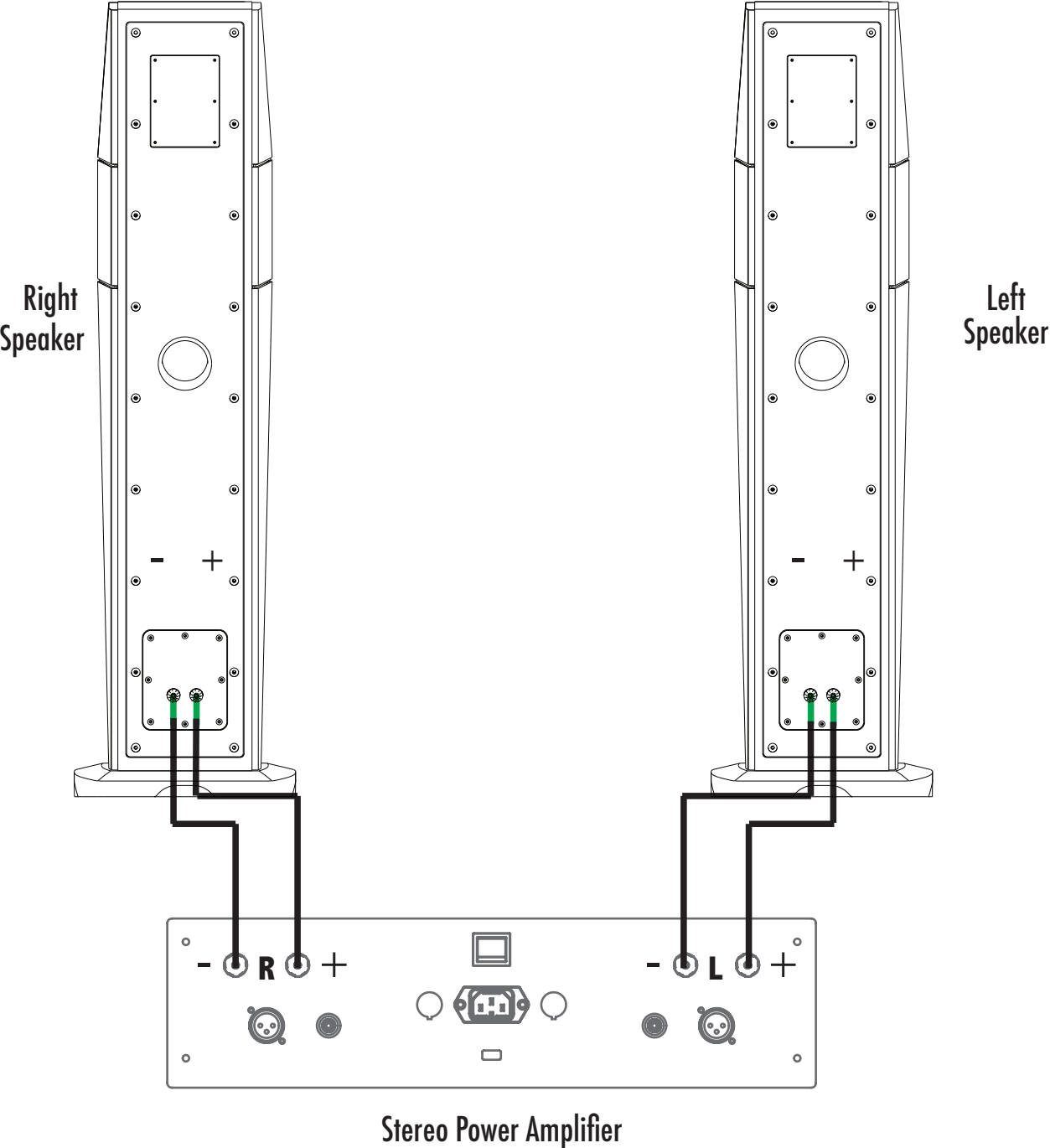
TYPE A: 
4 x 50mm - 4 pcs



TYPE B: 
4 x 30mm - 2 pcs



CONNECTING THE SPEAKERS



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

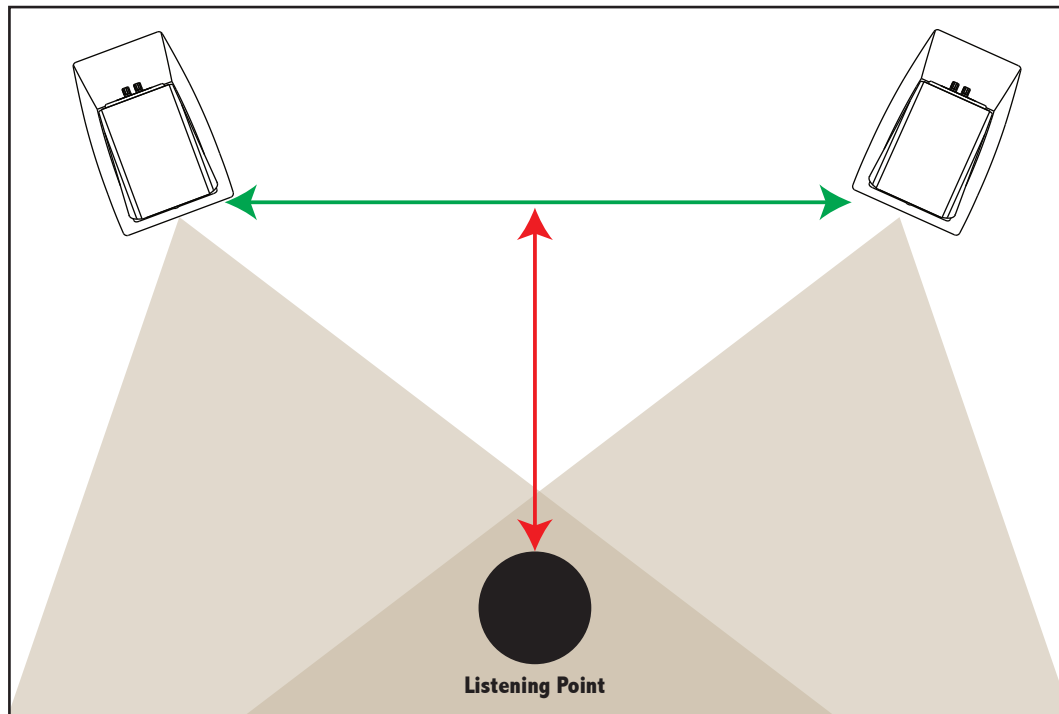
Though the best position of audio racks usually is not in the middle of the speakers, some special racks such like the Gold Note Galileo can be placed there because its special all curved shape helps diffracting the sound waves very well. If you are using standard racks placed in the middle of the speakers, 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.)



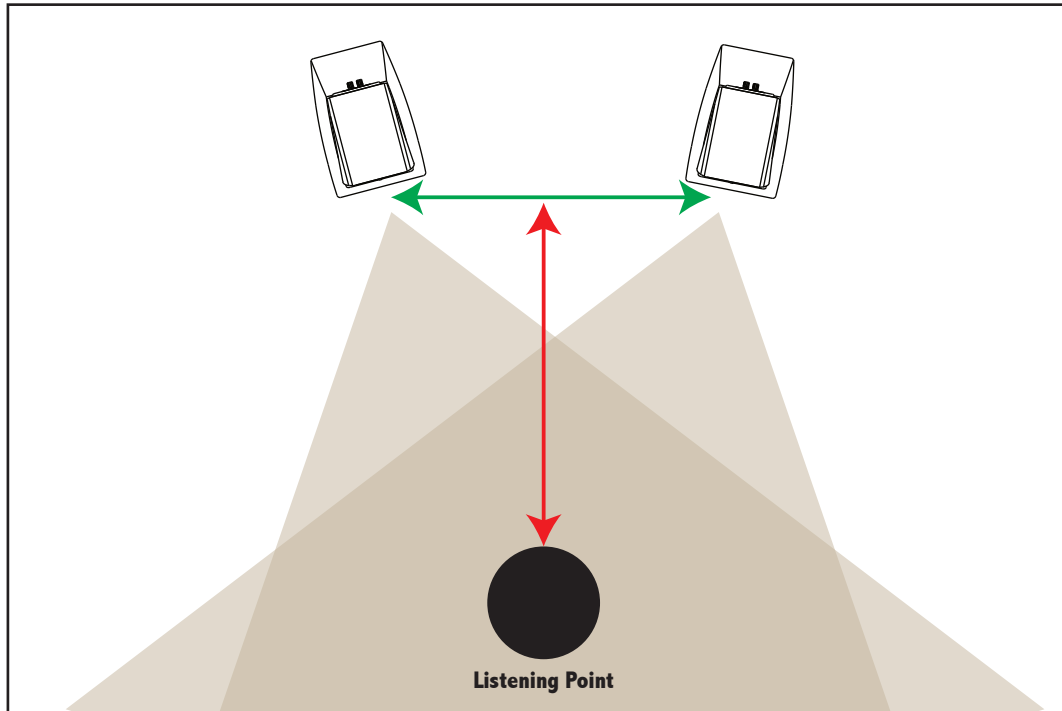
- The distance of both the speakers to the listening point should be the same
- The distance between both the speakers and the side walls should be the same
- The distance between both the speakers and the rear wall should be the same

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

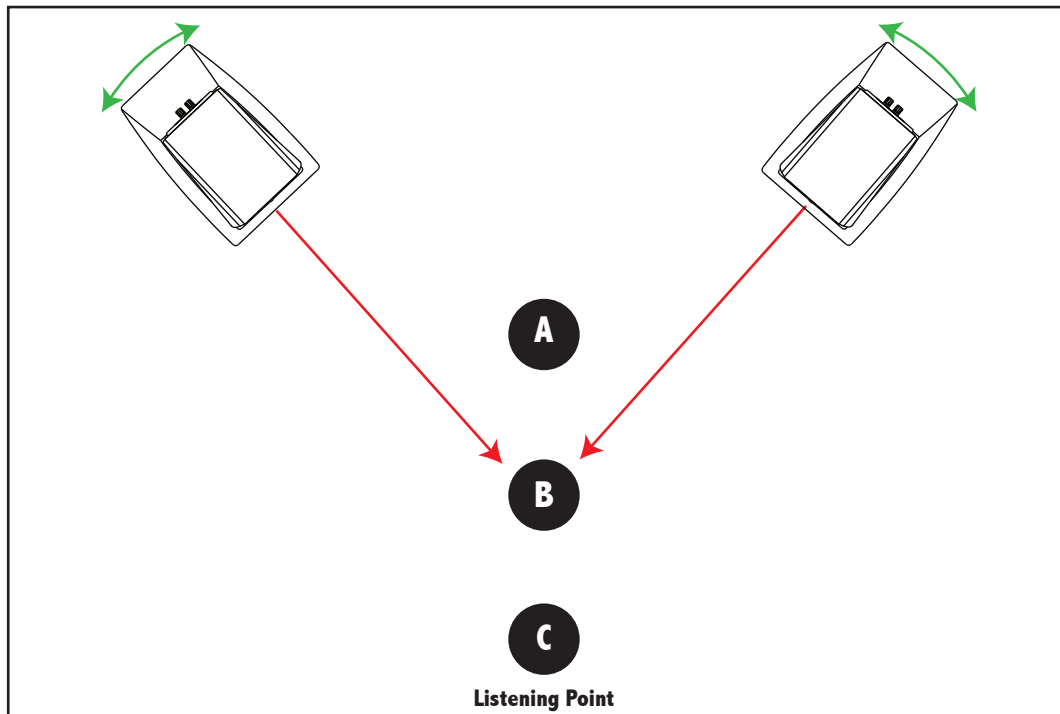
(Optionally for solo instrument music like piano, guitar and voice etc.)



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 of the one to the speakers.
If the distance is shorter the speaker must be directed to the Listening point accordingly.

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

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.

FAQ AND TROUBLESHOOTING

FAQ

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

TROUBLESHOOTING

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

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

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 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



WARNING
FIRE OR SHOCK HAZARD



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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