

# VALORE Plus 425 Italian Prestige Turntable



## **IMPORTANT SAFETY INFORMATION**







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.



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.

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 numbee 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 head- phones can cause hearing loss.

## INTRODUCTION

**GOLD NOTE**® manufactures a wide range of prestigious and sophisticated audio products featuring unique and

innovative technical and aesthetic characteristics.

The **Valore Plus 425** is the definitive evolution of the Valore (400mm) produced by **Gold Note** since the 2010, the entry level **Gold Note High-End Audio** turntable merges audio performance, with high grade of finish and elegant look.

The **Valore Plus 425** features a **30mm thick plinth** wisely shaped and cut around the bearing of the platter and the motor to drastically reduce all unwanted vibrations.

The **Valore Plus 425** platter is made of **20mm acrylic**. The design of the platter comes directly from the top level **Gold Note** turntables as well as the **60mm** long platter bearing and spindle, finely machined to achieve the best audio quality of its category.

The **Valore Plus 425** platter is designed to stay only **3mm** closed to the turntable plinth. Such small platter/plinth interference allows reducing turbulence featuring a great noiseless rotational stability.

The **Valore Plus 425** features a **12Volt** synchronous motor developed by **Gold Note** about a **Pulse Width Modulator** design transforms the power voltage in **AC-DC-AC** mode, enabling the best coupling of the two **AC semi-waves** for a perfect coupling literally annulling any motor resistance and vibration allowing the highest motor torque at the same time. The Power Supply of the motor electronically control the **33½** and **45rpm** and the fine speed adjust keeping the selection permanently in the turntable memory even without AC power.

Besides the new perfectly polished hourglass shaped motor pulley also allows the turntable belt spins very smoothly reducing the wow& flutter and noise as never before.

The **Valore Plus 425** is **25mm** wider than the original entry level Valore that allows equipping more flexibly 9" tone arms.

The **Valore Plus 425** is offered as package with a **Gold Note** dedicated 9" arm and the Dust Cover.

The **Valore Plus 425** though is undoubtedly an extraordinary good turntable to be used in a large variety of prestigious **High-End Audio** systems it is an extremely reliable, easy to use turntable for all audio enthusiast look for performance, cosmetic but efficiency at the same time.

The plinth of the **Valore Plus 425** is available in black or white lacquer, or on demand covered with real Italian leather. As special edition the **Valore Plus 425** is available with **30mm** thick transparent acrylic plinth too, that, finely handcrafted, together with a great look enables higher dampening performance due to the particularly absorbing quality of the material.

All Gold Note products are proudly designed, manufactured and assembled in Italy 100%

## **CONTENT AND KEY FEATURES**

### **CONTENTS OF PACKAGING**

- •1 TURNTABLE plinth
- 1 **DUST COVER** completed with frictioned Hinges
- •1 TURNTABLE SPEED CONTROL UNIT
- 1 POWER ADAPTER with CONNECTING CABLES for TSC UNIT
- 1 B-5 BALL BEARING with TONE ARM CABLE already INSTALLED
- 1 COUNTERWEIGHT
- •1 PLATTER SPINDLE TIP that clamps the platter
- 1 EXTRA COUNTERWEIGHT for adjusting different mass phono cartridges
- •1 DRIVE BELT
- 1 ALLEN KEY of 2,5mm FOR ARM LIFT BOARD BLOCKING
- 1 ALLEN KEY of 2,0mm for DIN PILLAR REMOVING
- 1 ALLEN KEY of 1,5mm FOR VTA TONEARM ADJUSTEMENT, LIFT CUEING REMOVING, ANTI SKATE CYLINVER ADJUST
- 1 ALLEN KEY of 0,9mm FOR TONEARM SHELL AZIMUTH ADJUSTEMENT
- 1 PROTRACTOR, OVERHANG for CARTRIDGE
  ALIGNEMENT incorporates even a STROBOSCOPE
  FOR SPEED ADJUST

#### **CONSTRUCTION FEATURES**

This section describes the special features of the **VALORE PLUS 425** turntable, the construction details,

the reasons for the technical choices and the originality of the design.

- The **VALORE PLUS 425** is a rigid turntable that uses a plinth made of high damped lacquered **MDF**.
- The plinth bears three acrylic spikes for ensuring great insensitivity to vibrations.

The turntable platter is made of 20mm thick acrylic chosen for its dampening ability and stability.

• The spindle is a high class machined **stainless steel** split in two pieces able to clamp the platter through its conical shape. The spindle is **60mm long** to ensure top performance.

A large longitudinal groove is located on its axis, which allows the lubricating oil to run in constant manner. The longer spindle eradicates any pendulum effect and distributes the inertial energy along its entire axis, completely annulling any type of lateral friction.

- The bearing houses two **Teflon/Graphite** rectified bearings that handle the spindle with the help of a customised bottom platter bearing enables very low noise and extra precise rotational stability.
- The platter bearing is threaded outside in order to be tightly blocked to the plinth of the turntable on its own axis to allow a very firm and precise coupling.
- The custom **AC 12 Volt** low voltage electronically controlled **Valore** motor allows **33**½ **& 45** rpm electronic speed control and pitch adjustment. Besides the **Gold Note** special designed motor directly derived by the **Bellagio** flagship turntables guarantees a perfect rotation stability and great torque while absolutely noiseless rotation.
- The Valore 425 motor features the Gold Note PWM design allows a 12V very low voltage power optimized powering by a triple conversion of the voltage, from AC230V to DC230V then reduced to DC12V and reconverted to AC12V. The final result is a totally controlled power supply able to control fully the motor finding the perfect phasing, with a convenient speed 33/45rpm adjustable set up and fine pitch control.

## **SPECIFICATION & TECHNICAL FEATURES**

### **MAIN FEATURES**

- **WOW & FLUTTER** 0,02%
- RUMBLE -79dB
- **SPEED**  $33\frac{1}{3}$  and 45rpm  $\pm 0.1\%$
- **SPEED CHANGING** Electronic with fine pitch control
- **TRANSMISSION** 70 shores elasticity rectified black poly vinyl belt
- MOTOR 12 Volt High Torque synchronous externally powered
- PLATTER Acrylic 20mm thick
- **PLATTER SPINDLE** Special Split-Spindle™ clamping the platter
- **PLATTER BEARING** Aluminium with two Graphite & Teflon elastic inner bearings

### **POWER**

- MAIN SUPPLY 100V ~ 115V~ 230V~ 50 or 60Hz (depending on market destination not convertible)
- POWER CONSUMPTION 20 Watt

#### **UPGRADES**

• EXTERNAL AC FILTER Arno AC Distributor

### **PHYSICAL**

- DIMENSIONS PLINTH 425x170x360mm (WxHxD)
- **DIMENSION TSC** 120x30x90 (WxHxD)
- **WEIGHT** Kg. 10,00

#### **FINISHES**

- **PLINTH** 30mm thick Black or White lacquered or real leather covered MDF
- METAL PARTS Silver
- PLATTER Opaline white
- \*Optional PLINTH: 30mm transparent acrylic

## **SET-UP INSTRUCTION**

#### **FIRST OPERATION**

- **1)** Please remove carefully all the protecting foam and check the items listed are all supplied.
- **2)** Place the Mediterraneo deck on a levelled surface, the best is a wall shelf immune to footfall, then level the turntable.
- **3)** Plug the tone arm cable pre installed to the amplifier phono input.
- **4)** Install the counterweight into the rear arm wand of the arm adjusting the correct cartridge tracking weight with the help of a precision scale (not supplied).
- **5)** Install the turntable belt surrounding the hourglass motor pulley and the platter outer perimeter.
- 6) Plug the Power Adapter cable to the 12V rounded plug Turntable Speed Control; then plug the AC adapter to the AC plug once selected the right international plug supplied. Connect the mini-XLR plug of the cable coming from the motor of the turntable to the TSC.

#### **POSITIONING THE VALORE 425**

Your VALORE turntable has been designed for home Hi-Fi systems. It must be protected from direct sunshine rays and humidity. Do not put it close to strong heating sources, electrical and electronic motors, mobile phones etc.

The levelling and positioning on a solid shelf, as explained in the previous chapter, is fundamental to ensure the best audio performances.

## **TURNTABLE SPEED CONTROL ADJUSTMENT:**

The turntable is fully controlled by an electronic power supply operating the Turntable  $33\frac{1}{3}$  rpm & 45 rpm while having a Pitch control also.

• Inner Button Start and Stop the 331/3r pm speed.

Once the 33 1/3 rpm is playing its red LED light turn on.

•Outer Button Start and Stop the 45rpm speed. Once the 45rpm is playing its red LED light turn on.

The turntable also features a fine speed adjust "Pitch Control" allows a very fine adjust of the speed of the turntable.

### PITCH CONTROL MODE

To enter the PITCH CONTROL MODE is necessary to press and hold for 3/4 seconds both 33½ and 45 buttons together while the turntable playing 33½ or 45 rpm. The related red LED light shut down and the unit is ready to adjust the fine speed with the help of the stroboscope.

- **PITCH** pressing in sequence the 33⅓rpm button its LED light flashes fine speed decrease.
- **PITCH** + pressing in sequence the 45rpm button its LED light flashes fine speed increase.

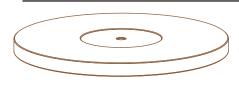
**To get out** the **PITCH CONTROL MODE** press and hold for 3/4 seconds both 331/3 and 45 buttons together, the LED related to the speed adjusted will show back.

#### **REFERENCE IMAGE PAG. 12**

The **TURNTABLE SPEED CONTROL** unit records permanently in the turntable memory the speed adjusted singularly for both 33½ and 45rpm even if the unit is unplugged from the AC wall.

## **Installing the platter**

For the assembling the Turntable Platter you need these parts:



20mm thick Platter made of Acrylic

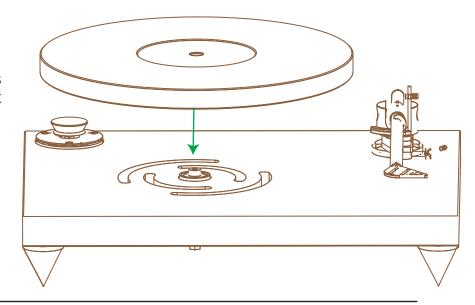


Platter Spindle Tip that clamps the platter (1x)

## STEP 1

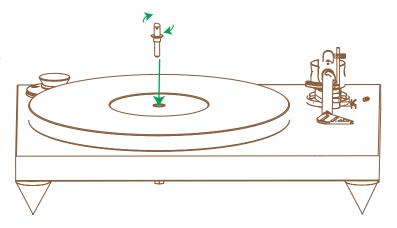
Lay down the Platter of the turntable as shown in the picture taking care it perfectly fits the

spindle flat surface.



### STEP 2

Thread the Platter Spindle Tip as show in the picture



## STEP 3

The conical shape of the Platter Spindle Tip once firmly threaded

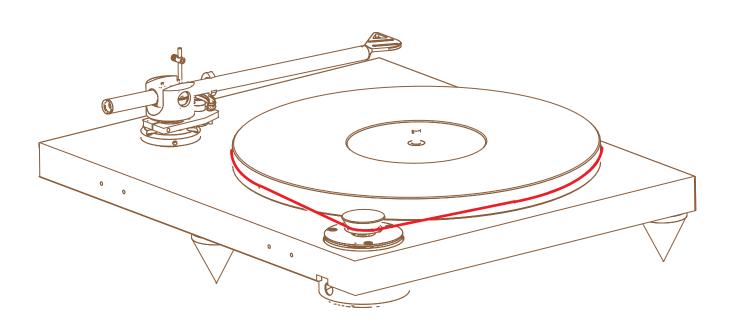
perfectly clamps the Turntable platter

## **Installing the belt**

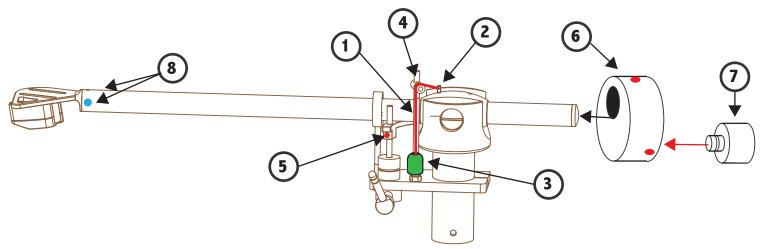
For installing the **belt** you need these parts:



Wrap the belt around the puelly and the Platter as shown in the picture.



## **ANTI-SKATE, AZIMUTH & COUNTERWEIGHT ADJUSTMENT**



- 1 Anti-Skate Nylon Wire with lead stopping spot supplied in the tone arm accessories.
- 2 Anti-Skate Nylon Nire arm Cylinder Eye (see the image on next page)
- 3 Anti-Skate Bullet Counterweight
- (4) Anti-Skate Bar
- **5 Adjusting Lift Bent Bar Hex-Bolt**. The Lift Bent Bar can be adjusted loosing the hex-bolt with the 1,5mm Allen wrench supplied in the tone arm accessories.
- **6 Tone-Arm Large Counterweight** to manually set up the main tracking force depending on the phono cartridge used.
- 7 Tone-Arm Small Counterweight to finely set up the tracking force on the phono cartridge.
- **8 Shell Azimuth Adjustment** with the 0,9mm Allen Wrench supplied to eventually correct the right alignment of the tone-arm head-shell

Once the right position of the counterweights are set up the counterweight maybe solidally blocked with hex bolt indicated in the picture as RED • spots with the help of the proper Allen Wrench supplied in the tone arm accessories.

**Please Note:** To adjust the wanted tracking force is necessary to have a precion scale (not included)

## **Installing the Anti-Skate Nylon Wire:**

After the insertion of Anti-Skate Bullet Counterweight (3) into the Anti-Skate Nylon Wire (1) pass through the other side nylon wire into the small Cylinder Eye (2) and make a knot to block the wire in it as the pitcure shows above. Lay the wire across the external groove of the Anti-Skate Bar (4). If necessary it is possible increasing the friction stepping the Nylon Wire on the internal groove of the Anti-Skate Bar (4)

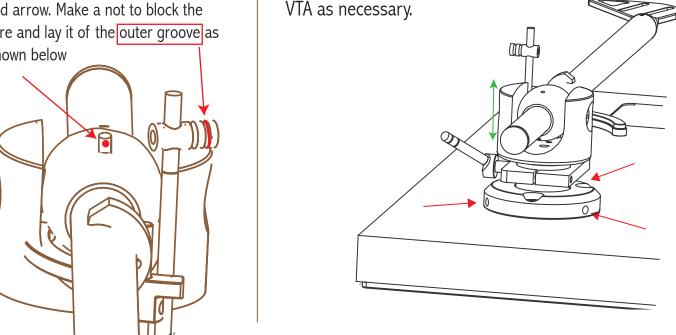
## **VTA SETUP**

### **CYLNDER EYE**

Insert the supplied anti-skate weight (3) [see previous page] into the anti-skate **Nylon** then pass the Nylon Wire through the micro hole of the **Cylinder Eye** indicated here with the red arrow. Make a not to block the wire and lay it of the outer groove as shown below



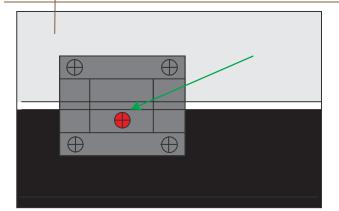
Loose the indicated Hex-bolt of the arm collar with the 1,5mm Allen Wrench supplied in the tone-arm accessories, to lift up and down the arm correctly adjusting the



### **AZIMUTH**

After the cartridge is properly installed on the tone arm adjust the **Azimuth** of the shell with the supplied **0,9mm Allen Wrench** supplied.

The correct Azimuth enhances high quality audio performance.

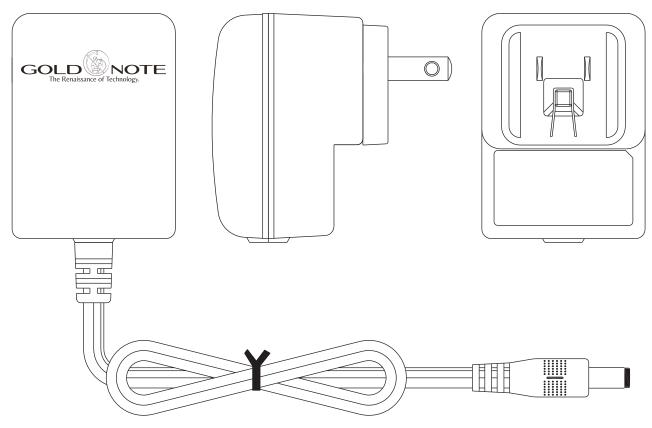


## **HINGES FRICTION ADJUSTMENT**

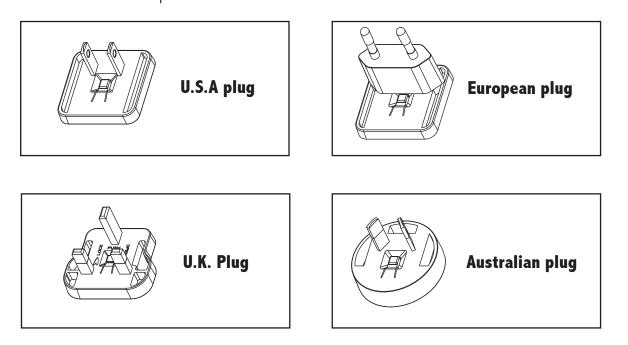
The Hinges friction maybe adjusted to let the Dust Cover keeps open inclined front or even backward.

Turn the Philips screw clockwise to increase the friction, the opposite, anti-clockwise to decrease the friction and the hinge resistance.

## **POWER SUPPLY**

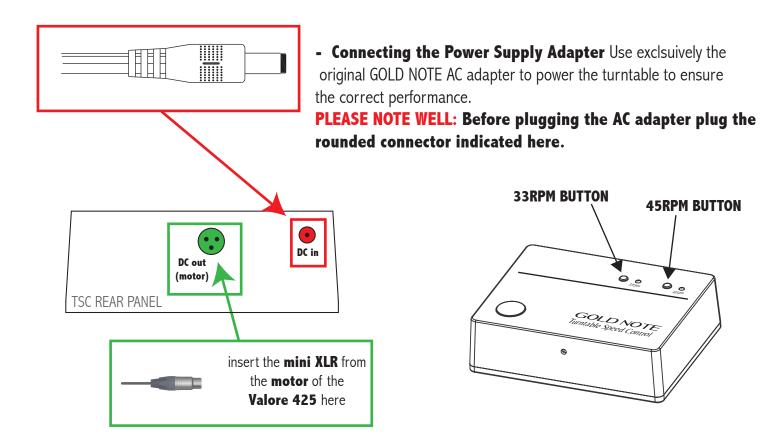


- **Power Supply Adapter AC Plug** It is necessary to select the correct AC plug of the local working area to insert into the adapter.



PLEASE NOTE WELL: Before plugging the AC adapter plug the low voltage rounded connector.

## **POWER ADAPTER & SPEED CONTROL**



#### TURNTABLE SPEED CONTROL ADJUST:

- 33rpm BUTTON Start and Stop the 331/3r pm speed. Once the 331/3rpm is playing its red LED light turn on.
- **45rpm BUTTON** Start and Stop the 45rpm speed. Once the 45rpm is playing its red LED light turn on. The Valore 425 also features a fine speed adjust "Pitch Control" allows a very fine adjust of the speed of the turntable.

#### PITCH CONTROL MODE

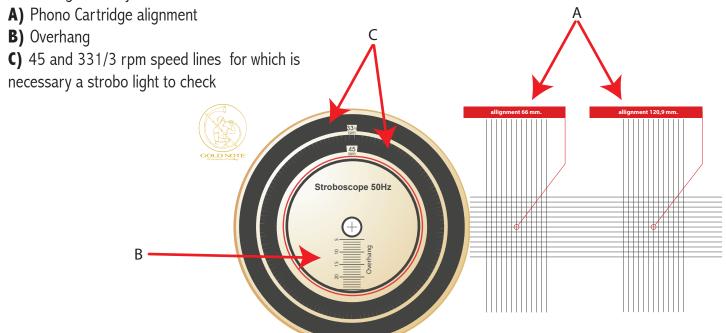
To enter the **PITCH CONTROL MODE** is necessary to press and hold for 3/4 seconds both  $33\frac{1}{3}$  and 45 buttons together while the turntable playing  $33\frac{1}{3}$  or 45rpm. The related red LED light shut down and the unit is ready to adjust the fine speed with the help of the stroboscope.

- **PITCH** pressing in sequence the 33½ rpm button its LED light flashes fine speed decrease.
- **PITCH** + pressing in sequence the 45rpm button its LED light flashes fine speed increase.

**To get out** the **PITCH CONTROL MODE** press and hold for 3/4 seconds both 33⅓ and 45 buttons together, the LED related to the speed adjusted will show back.

## CALIBRATION: CARTRIDGE OVERHANG, ALIGNMENT & SPEED

All **GOLD NOTE** Turntables and Tonearms are supplied with the Gold Note Calibration Tool allows calibrating correctly the:



### **SPEED ADJUSTMENT:**

To verify the right speed use a strobo light (eventually a home NEON light works the same). The right speed would let you see the sequence of black rectangular signs being stably stopped while

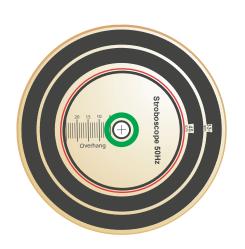
the turntable is playing.

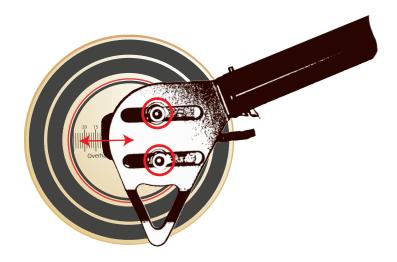
The Outer line is for checking the 331/3rpm

The Inner line is for checking the **45**rpm

### **OVERHANG:**

To get the right Overhang it is necessary to insert the Gold Note Calibration Tool into the turntable record Pin and position the cartridge Tip on the indicated overhang of the phono cartridge manufacturer as well indicated in the picture below.



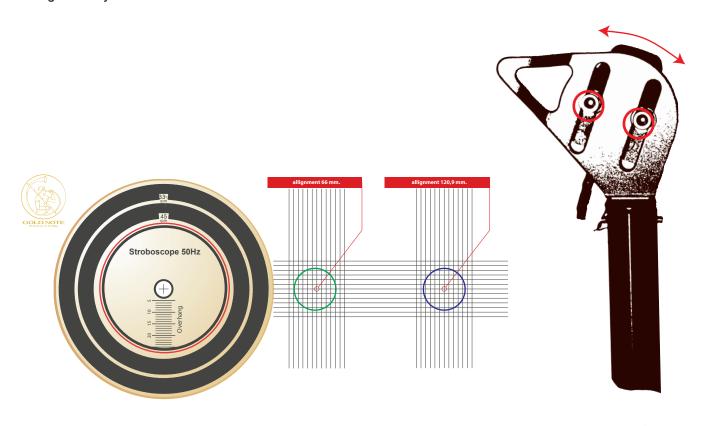


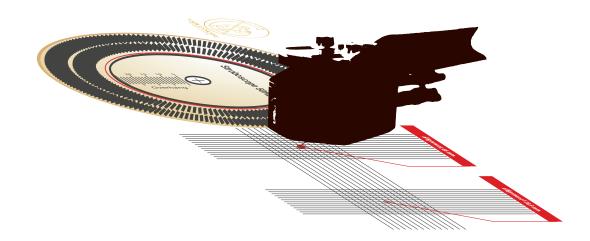
## **CARTRIDGE ALIGNMENT**

### PHONO CARTRIDGE ALIGNMENT:

To correctly align the phono cartridge having the best tracking position, point the tip of the phono cartridge into the red circle both of the Green and the Blue ones indicated in the picture below.

The phono cartridge body must be aligned on the stripes around to have a correct working geometry.





## **WARRANTIES**

## **WARRANTIES REGISTRATION**

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: **http://www.goldnote.it/** 

If the unit is not registered correctly or is been purchased from a different country of the purchaser origin/home the unit will not be covered by any warranty and the eventual registration refused.

The warranty does not does not cover in any case: Tubes, Phono Cartridge Styli and Batteries.

## **CUSTOMER SERVICE**

All **GOLD NOTE**® products are 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 who will advise you on how to resolve the problem.

Do not return any object directly to the factory or to the national distributor or without being authorized to do so. In such cases both **GOLD NOTE®** and the distribution agents operating within your territory decline responsibility of any kind.

**Please Note:** Descriptions and technical characteristics may vary in any moment without notice.

## **TROUBLESHOTING**

SYMPTOM	DESCRIPTION	CAUSE	REMEDY
MOTOR HEATING	The Motor warms up too much	AC synchronous motors as the ones used by Gold Note may warm up to 50° Celsius without creating any problem	
MOTOR NOISE	The Motor produces a low scraping noise during playing	The pulley's shaft slightly touches the motor metal cover	Gently lift-up the pulley just a little bit
	The Motor produces a buzz noise during playing	The 3 stainless steel screws of the motor cover are too tightened	Unscrew them enough to let the motor spins without making noise, they need just to be very gently threaded to the motor cover
OIL FOR PLATTER BEARING	The turntable is supplied with an Oil Jar to lubricate the platter Spindle/Bearing	The Valore features a new auto lubricant platter Graphite/Teflon bearings.	• just put one or two drops of oil on the spindle to help the smoothest spin.
PLATTER WOBBLING	The Platter wobbles on its edges if handled	The Graphite/Teflon bearings are elastic and have always a minimum tolerance about that.	Anyway be sure to firmly clamp the Split-Spindle tip into the platter threading it using a metal pin to get into the tip hole
SPEAKER HUMMING PROBLEMS	The speakers hum when the turntable is wired to the system	The Turntable CAN NOT makes any noise hearable into the speaker by itself	Eventually a tone arm cable problem can occur; please check the ground of the cable carefully
			Be sure to always use shielded cables for the amp connections.

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

http://www.akamaiaudio.it/

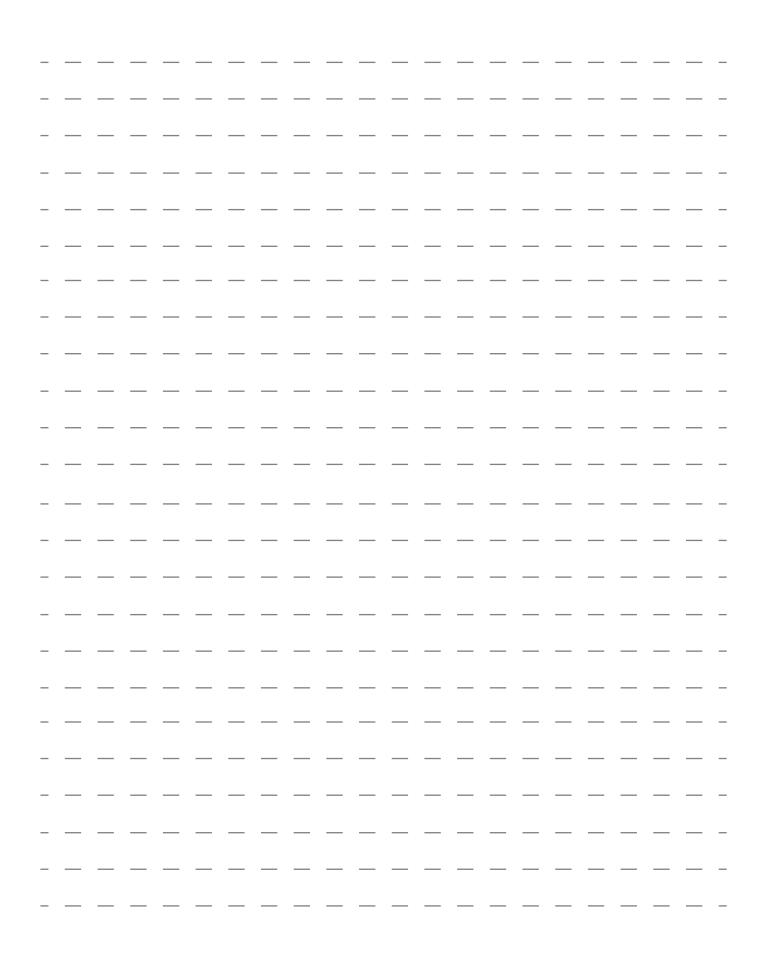
## **ADJUSTMENT**

ACTION	DESCRIPTION	HOW TO ADJUST IT
LEVELLING THE TURNTABLE	The Turntable is not levelled	With a spirit level, only level the Turntable Platter through its shelf layer eventually threading its feet just for very fine adjustment, take care of levelling the platter both on vertical and horizontal lines
		Be sure that the turntable layer is enough solid and rigid to support the weight of the turntable well
VTA & AZIMUTH ADJUSTMENT		Refer to proper area of this manual for adjusting the VTA & SHELL AZIMUTH correctly
CLEANING THE TURNTABLE		Use EXTREME care and ONLY very soft cotton cloth to clean the unit.  Any acid will irreversibly damage the unit fine finishes.  Do not use any alcohol to clean the turntable anodised label, pulley and motor spindle. Only dry cloth is allowed      Leather covered plinth may be cleaned with special dedicated cream for that.

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

http://www.akamaiaudio.it/

## **USER NOTE**





Via della Gora, 6

Montespertoli (Florence) Italy 50025

Tel. + 39 0571 675005

Fax. + 39 0571 675013

www.goldnote.it