

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

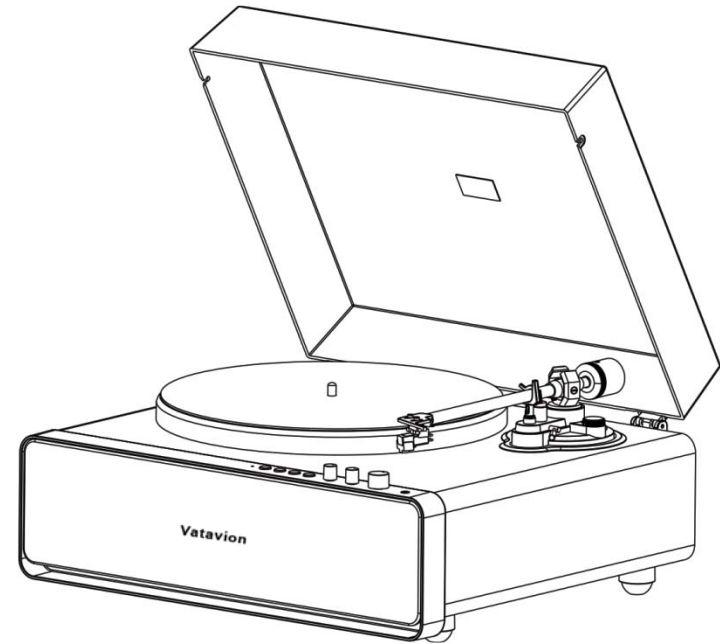
- - Reorient or relocate the receiving antenna.
- - Increase the separation between the equipment and receiver.
- - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- - Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Vatavion



Vinyl Record Player

INSTRUCTION MANUAL

Model: RP-221

Safety Instructions

Read and understand this entire manual before using this product. Keep these instructions for future reference.

1. Do not use this product near water.
2. This product should be operated only from the type of power source indicated on the marking label or in this instruction manual.
3. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and where the cord and product connect.
4. Do not overload wall outlets, extension cords, or integral convenience receptacles as this may result in a risk of fire or electric shock.
5. Never push objects of any kind into this product through openings as they may contact dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never pour liquid of any kind onto the product.
6. Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
7. Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
8. Do not use accessories not recommended by the product manufacturer as this may result in a risk of fire.
9. This product and cartridge combination should be moved with caution. Sudden stops, excessive force and uneven surfaces may cause the product and cartridge combination to tip over.
10. The slots and openings in the cabinet are for ventilation, to ensure reliable operation of the product and to prevent the product from overheating. Do not block or cover these openings.
11. Do not use the phonograph for too long continuously, preferably within 3 hours each time.
12. Unplug the product during thunderstorms or when not in use for a long time.
13. Be careful not to let children play near or move the machine to avoid injury from tipping over or electric shock.

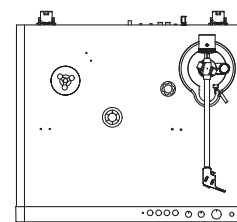


Logo Description

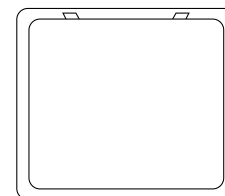
1.  This symbol indicates that uninsulated dangerous voltage is present within the enclosure of this product that may constitute a risk of electric shock to persons.
2.  This symbol alerts the user to important safety, operating and maintenance instructions in this manual.
3.  This symbol indicates that this product is only suitable for use at altitudes of 2000 meters or below.
4.  This symbol indicates that the product is suitable for use in non-tropical climates only.

Packing List

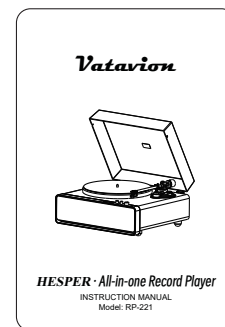
Before installing the accessories, please make sure that the parts are not damaged. In order to provide you with better after-sales service, please properly keep the packaging box and the protective filling inside the box for at least 30 days.



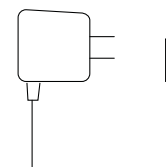
Record Player * 1



Dust cover * 1



Instruction Manual * 1



Power Adapter * 1



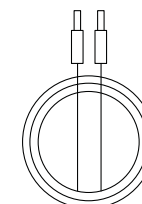
Aluminum Alloy Turntable Platter * 1



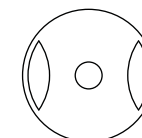
Turntable Mat * 1



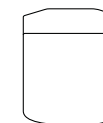
Belt * 1



RCA Audio Cable * 1



45 RPM Adapter * 1



Counterweight * 1

Specifications

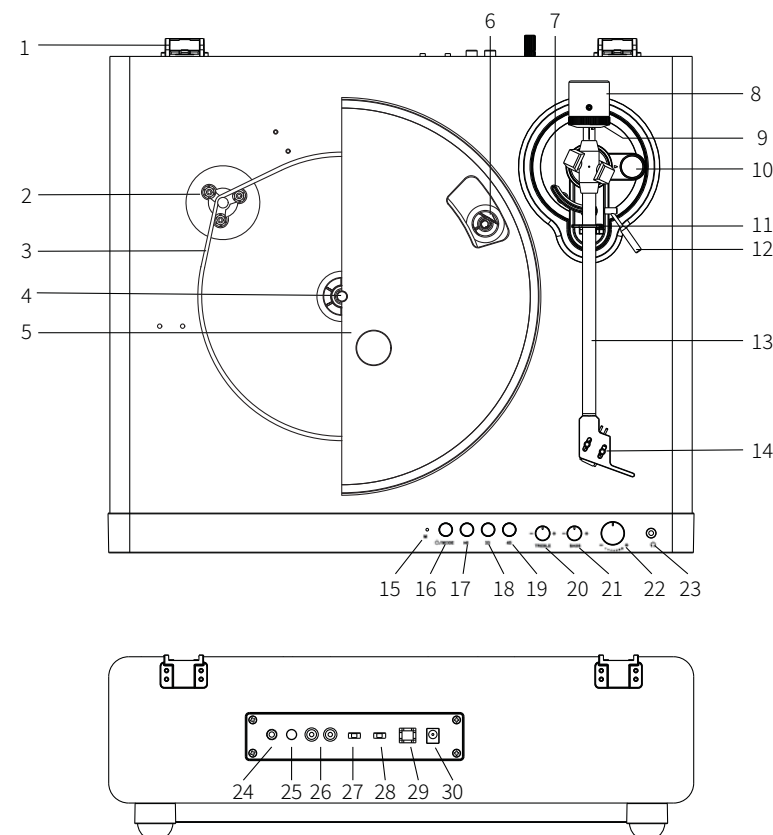
Record Player

Power Supply	AC power adapter, DC output 15V 2.4A
Power Wastage	52W
Tweeter	8Ω 10W*2
Woofer	4Ω 30W*2
Phono RPM	33⅓ / 45 RPM
Speed Deviation	± 1.5%
Wow and Flutter	≤ 0.15%
SNR	72dB
Bluetooth Version	5.3VER
Audio Input	Bluetooth
Audio Output	Bluetooth, RCA, 3.5mm Headphone Jack
Stylus Pressure Range	3.5 - 4.3 Grams
Effective Tonearm Length	222mm
Overhang	19mm
Product Dimension(LxWxH)	442.8mm x 391mm x 206.57mm
Lid Opening Dimension(LxWxH)	442.8mm x 391mm x 471.52mm
Weights	8.9kg

Stylus

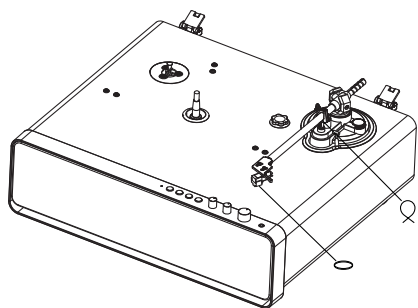
Frequency Response	20Hz - 20kHz
Channel Balance	< 2.5dB
Channel Separation	> 18dB
Output Voltage	2.5mV
Recommended Load Impedance	47kΩ
Amplifier Connection	MM-Input
Recommended Tracking Force	3.5 ± 0.5 Grams
Weights	5.1 Grams

Product Description

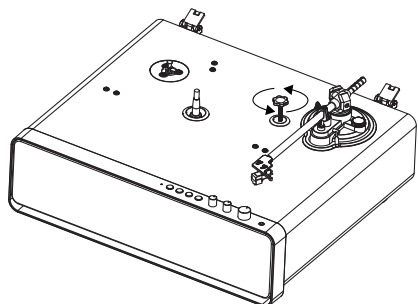


- | | |
|--------------------------|--------------------------|
| 1. Dust Cover Lid Hinge | 16. ON/OFF/MODE Button |
| 2. Motor Pulley | 17. Play/Pause Button |
| 3. Belt | 18. 33⅓ RPM Button |
| 4. Spindle | 19. 45 RPM Button |
| 5. Turntable Platter | 20. Treble Knob |
| 6. Transportation Screws | 21. Bass Knob |
| 7. Tonearm Lift | 22. Volume Knob |
| 8. Counterweight | 23. 3.5mm Headphone Jack |
| 9. Stylus Pressure Dial | 24. Ground Connector |
| 10. Anti-skating Knob | 25. Pitch Knob |
| 11. Tonearm Rest & Clip | 26. RCA Output Connector |
| 12. Tonearm Lift Lever | 27. AUTO STOP Switch |
| 13. Tonearm | 28. PHONO/LINE Switch |
| 14. Cartridge | 29. LED Button |
| 15. Mode Indicator Light | 30. AC-DC Power Jack |

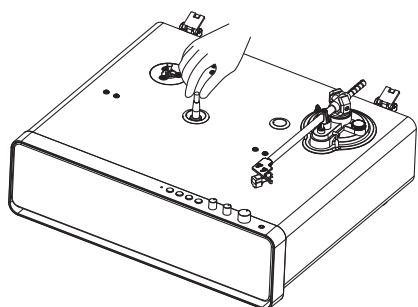
Component Installation



- 1 Remove the fixed cushioning materials on the record player (such as the tone-arm strap, the rubber band on the cartridge, etc.).

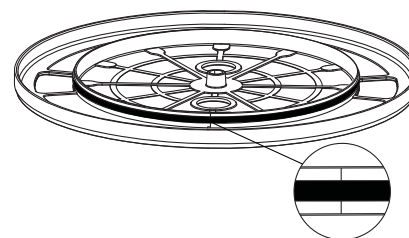


- 2 Unscrew the shipping screw counterclockwise and save it in a safe place.

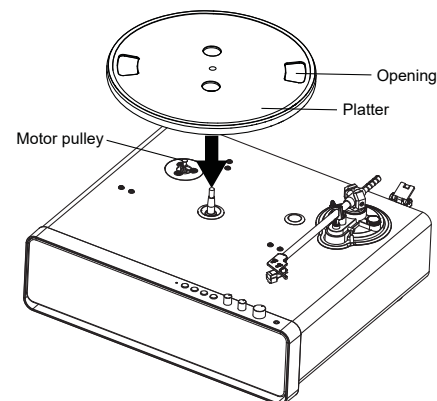


- 3 Hold the turntable spindle and wiggle it gently to make sure the turntable system is slightly loose.

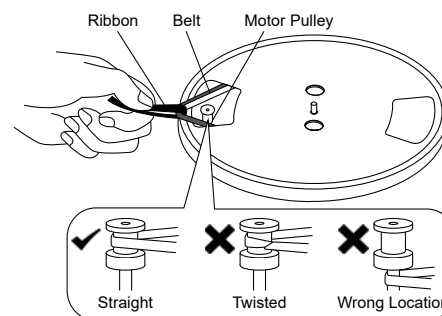
Component Installation



- 4 Turn the turntable platter over so that the front of the platter faces downward, and check whether the belt is completely and evenly placed on the inner ring and is in the middle of the inner ring (if the belt deviates from the middle position at some point, it should be adjusted back to the middle position, otherwise the belt may fall off during playback, etc.).

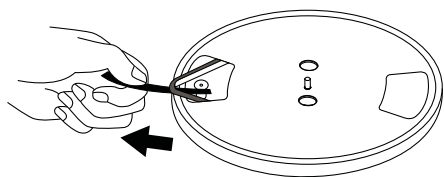


- 5 Turn the turntable platter over again so that the turntable platter is facing up, align the center hole of the turntable with the turntable spindle, and put it on.

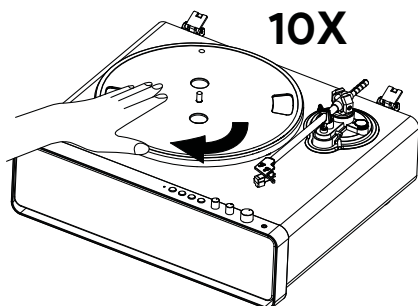


- 6 Turn the turntable platter so that the opening of the platter rests over the pulley, and while pulling both ends of the red ribbon that comes attached to the belt, place the belt on the motor pulley, as per the diagram. When doing this, be careful not to twist the belt.

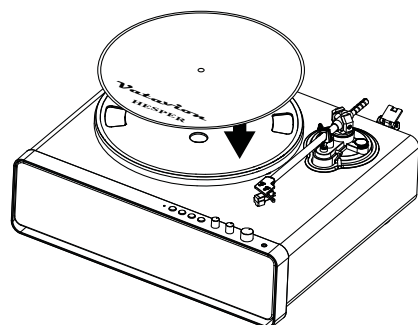
Component Installation



- 7** | Remove the red ribbon from the belt.

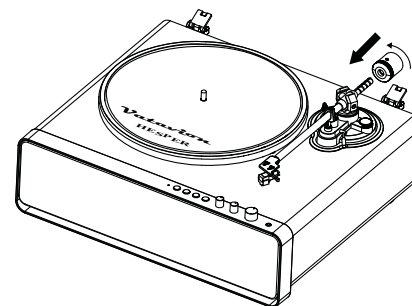


- 8** | Using your hands, slowly rotate the platter ten times in a clockwise direction for getting rid of any twists in the belt and making sure the belt rides smoothly along the drive rim on the underside of the platter.

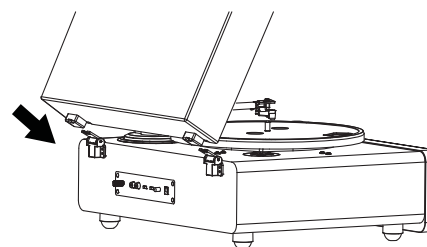


- 9** | Place the turntable mat on top of the platter. Make sure the vavation logo on the mat is facing up.

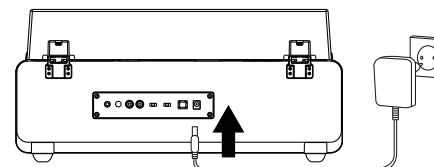
Component Installation



- 10** | Rotate the counterweight (with the scaled side facing the front of the record player) into the rear axis of the tonearm, and then adjust the cartridge pressure to the appropriate level according to the instructions in the "Cartridge Tracking Force Adjustment" section.

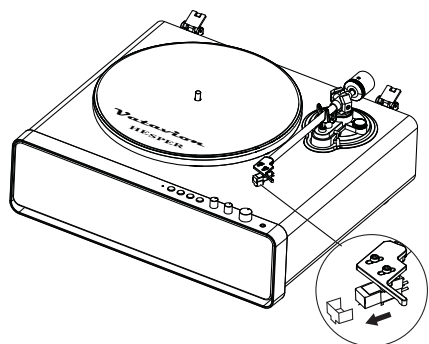


- 11** | Adjust the left and right hinges of the record player so that they are at the same angle, and then insert the plug of the dust cover into the hinge (the opening angle of the dust cover should be less than 70° for daily use to avoid the hinge from breaking).



- 12** | Connect the power adapter to complete the installation and start using.

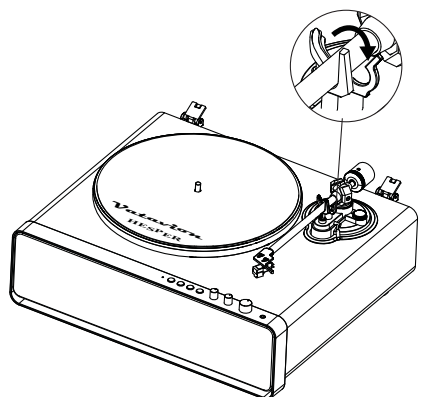
Cartridge Tracking Force Adjustment



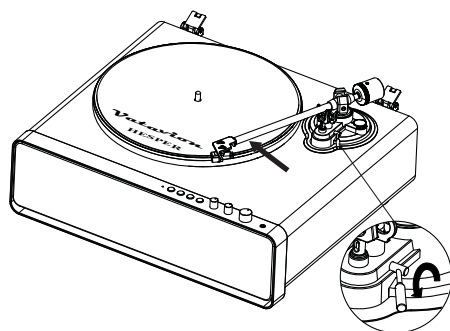
- 1 After installing the counterweight onto the tonearm's rear shaft, remove the cartridge protective cover straight forward and store it in a safe place.



Note: Applying a downward force may cause the stylus to come off the body. Only low volume is output if the stylus has come off, or is about to come off, so refer to "Replacing the stylus" to re-attach the stylus correctly.

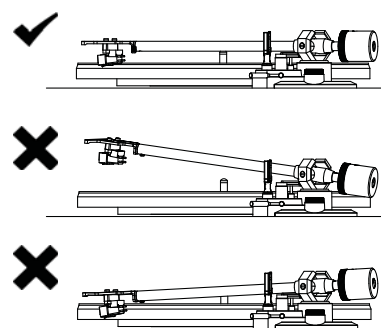


- 2 Open the tonearm clip.

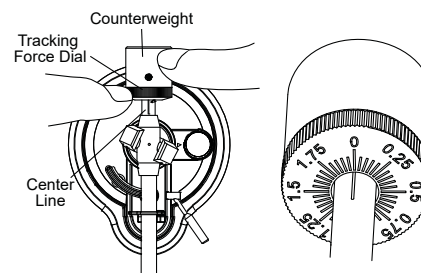


- 3 Lower the tonearm lift and position the cartridge in the space between the tonearm rest and platter, so that the front and rear ends of the tonearm are suspended in the air.

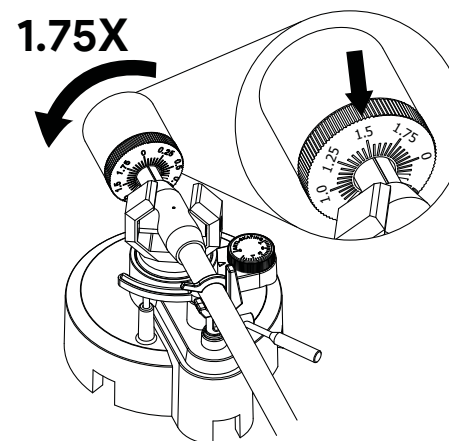
Cartridge Tracking Force Adjustment



- 4 Carefully rotate the Counterweight until the tonearm achieves a neutral, level balance. The tonearm should return to this balanced position if it is moved up or down. Perform this adjustment carefully.



- 5 Once the tonearm is correctly balanced, return the tonearm to its rest. Then hold the counterweight to prevent it from rotating. At the same time, gently turn the dial on the counterweight to align the number "0" on the dial with the center line of the rear end of the tonearm. At this time, the stylus pressure is 0g.



- 6 Finally, rotate the counterweight and tracking force dial together counter-clockwise (as seen from the front) to adjust the tracking force according to the cartridge manufacturer's recommended 3.5g.

Note: Each mark on the dial represents 0.05g. The recommended tracking force for the factory-installed cartridge is $3.5\text{g} \pm 0.5\text{g}$. It only goes up to 2g for one rotation of the tracking force dial, meaning you will need to make the second rotation and stop at "1.5" to reach 3.5g.

01/ Power ON / OFF

1. Power on: Plug the **power adapter** into the **AC-DC power jack** on the back of the record player, plug the other end into the socket, and then short-press the **ON/OFF/MODE** button, the **mode indicator light** will light up (the indicator light color and the play mode default to the play mode selected before the last shutdown, blue for Bluetooth mode, red for Vinyl mode, and green for Bluetooth Transmitter mode).
2. Power off: Long-press the **ON/OFF/MODE** button, the **mode indicator light** will go out.

02/ Bluetooth Mode

1. When the record player is powered on, short-press the **ON/OFF/MODE** button to switch to Bluetooth mode. The indicator light will flash blue and a prompt sound will sound (If the **mode indicator light** is flashing blue after the record player is powered on, there is no need to press the **ON/OFF/MODE** button to switch).
2. Turn on the Bluetooth function in your mobile phone or audio device with Bluetooth transmission function, search for the device named "Vatavion-Hesper" and choose to pair.
3. After pairing is successful, the **mode indicator light** will turn long and a prompt sound will sound. At this time, you can select the audio file in the mobile phone or audio device with Bluetooth transmission function to play.
4. Use the **play/pause** button to pause or continue playing audio.
5. To end playback, select the Bluetooth function in the mobile phone or audio device with Bluetooth transmission function to disconnect from the device.
6. To ensure the playback effect, please keep the mobile phone or audio device with Bluetooth transmission function within ten meters of this record player.

Note: Bluetooth Version 5.3

03/ Vinyl Mode

1. When the record player is powered on, short-press the **ON/OFF/MODE** button to switch to the Vinyl mode. The **mode indicator light** turns red and stays on (If the **mode indicator light** is red and stays on after the record player is powered on, there is no need to press the **ON/OFF/MODE** button to switch).
2. Align the center hole of the vinyl record with the **turntable spindle** and put it on. Then place the record on the **turntable mat**, and then select the **33 $\frac{1}{3}$ RPM** button or the **45 RPM** button according to the speed of the record (Note: If the record is 45 RPM, please put the **45 RPM adapter** on the **turntable spindle** first, and then put the vinyl record).
3. Take out the **stylus protective cover** on the **cartridge** parallel to the body, then open the **tonearm clip**, push the **tonearm lifting lever** upward to lift the **cartridge**, manually move the **cartridge** gently above the record, and then push the **tonearm lifting lever** downward to lower the **cartridge**. When the **stylus** touches the record, start playing (If the speed is too fast or too slow during playback, use the **pitch knob** to adjust it).
4. Use the **volume knob/treble knob/bass knob** to adjust the volume and sound effects.
5. Use the **LED** button to turn on the ambient light (this function is not limited by the playback mode and can be used when the player is turned on).
6. Use the **play/pause** button to pause or continue playing the record.
7. When you want to end playback, push the **tonearm lift lever** upward to lift the **cartridge**, then gently move the **cartridge** to the **tonearm rest**, push the **tonearm lift lever** downward to lower the **cartridge**, close the **tonearm clip**, and finally put on the **stylus protective cover** and remove the vinyl record (there is an **AUTO STOP** switch on the back of the record player. If it is adjusted to the "ON" position, the **turntable** will stop rotating after the record is played; if it is adjusted to the "OFF" position, the **turntable** will continue to rotate after the record is played).
8. If the **stylus** slips sideways during normal playback, use the **anti-slip knob** to adjust it.
9. If you want a more stable playback effect, use a ground wire (not included) to connect to the ground connector.

04/ Bluetooth Transmitter Mode

Since the output volume is not controlled by the volume of this unit, please set the volume of the device receiving the audio signal to a lower level to prevent the output volume from being too loud.

1. When the record player is powered on, short-press the **ON/OFF/MODE button** to switch to the Bluetooth Transmitter mode. The **mode indicator light** turns green. (If the **mode indicator light** is flashing green after the record player is powered on, there is no need to press the **ON/OFF/MODE button** to switch).
2. The record player automatically searches for nearby media devices that can receive audio sources. The green indicator light will flash when not paired, and it will stay on after successful pairing.
3. To ensure the playback effect, please keep your Bluetooth media device within ten meters of this record player.

05/ Headphone Mode

1. When the record player is turned on, select the vinyl/Bluetooth mode and use the **volume knob** to adjust the volume to the minimum, then insert the earphones with a 3.5mm plug into the **3.5mm headphone jack**.
2. Put on the earphones and adjust the volume to a suitable level.

06/ Audio Output

LINE

1. When the record player is turned off, plug one end of the audio cable into the RCA output jack on the back of the record player, and the other end into the audio input jack of the active speaker or amplifier (note the corresponding jack color).
2. Turn on the record player and adjust the volume of the record player to the minimum, adjust the audio output switch to the "LINE" position, then select the vinyl or Bluetooth mode to play, and then adjust the volume of the speaker or amplifier to an appropriate level.

PHONE

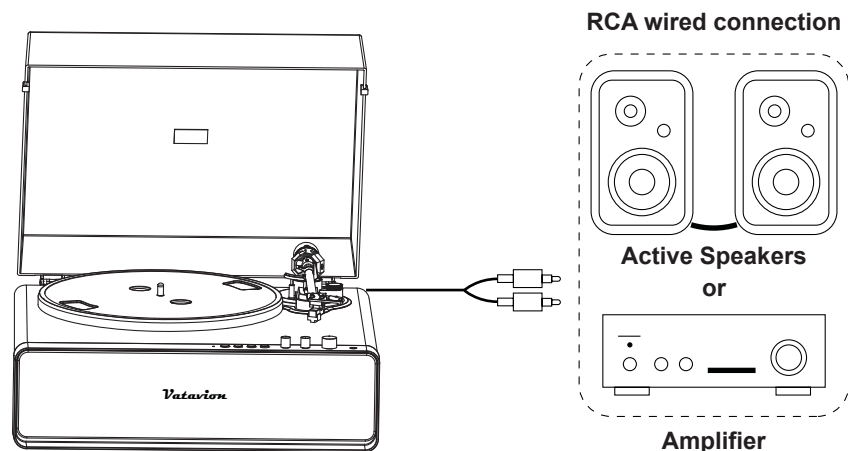
1. When the record player is turned off, plug one end of the audio cable into the RCA output jack on the back of the record player, and the other end into the audio input jack of the preamplifier (therefore, the gear does not have the preamplification function) (note the corresponding jack color).
2. Turn on the record player and adjust the volume of the record player to the minimum, adjust the audio output switch to the "PHONO" position, then select the vinyl mode to play, and then adjust the preamplifier volume to an appropriate level.

Stereo System Connection

RCA wired connection

The record player has 4 built-in speakers and built-in equalizer.

If you wish to use your own amplifier or speakers, please follow the instructions below:



Note: For best sound, it is recommended to turn the record player down to a minimum. The record player audio will then be played through your own amplifier, speakers, etc.

1. Setting pre-amplifier selector switch

This product has a built-in phono equalizer function. You can use the product even if you do not have a phono amplifier or connectable equipment with a built-in phono amplifier. Use the pre-amplifier selector switch to set the output, as shown below.

Connectable equipment being used	Position of pre-amplifier selector switch	Where to connect RCA audio cable
Device with phono input	PHONO	Phono input jack and ground (earth) terminal of connectable equipment
Device without phono input	LINE	AUX or line input jack of connectable equipment

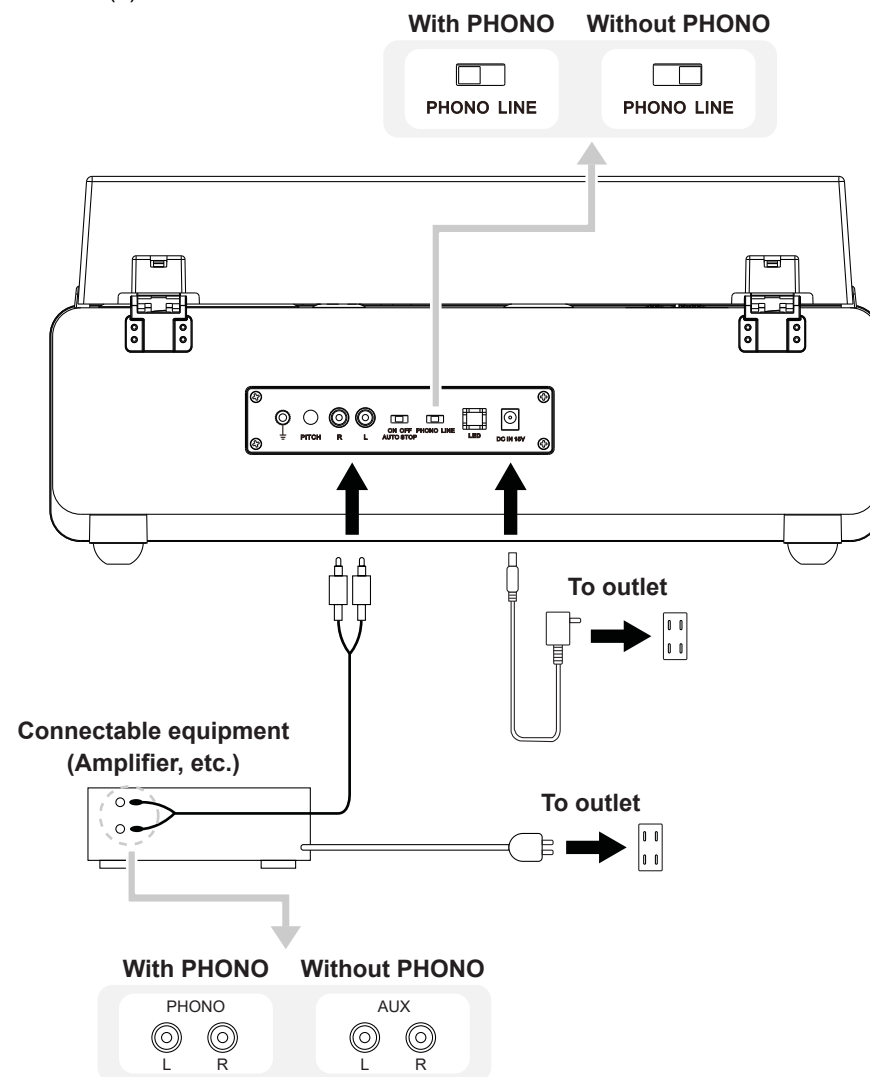
Note: The RCA Jacks are not designed to be connected directly to the passive/unpowered speakers on LINE mode. If connected to the passive speakers, there will be no sound.

Stereo System Connection

2. Connecting the device

Align the settings for the pre-amplifier selector switch and connect the RCA audio cable to an input jack that is compatible with the connectable equipment you are using (amplifier, active speakers, etc.).

- The RCA audio cable's red jack is for the right (R) channel, and the white jack is for the left (L) channel.



Care and Maintenance

Turntable Body

- The dust cover should be handled with care and never bend it more than 70°, as this will break the dust cover hinges.
- When the turntable body is dirty or dusty, first disconnect the AC adapter, and then wipe off the dirt and dust with a soft, dry cloth. Do not use benzenes, thinners, etc.
- Do not expose the unit to sunlight.
- It is recommended to use the machine continuously within 3 hours.
- When taking and putting back vinyl records, you should keep your hands dry and clean and only touch the edges of the vinyl records. You can use a special vinyl record cleaning brush or cleaning fluid to clean the vinyl records on a daily basis. After use, the vinyl records should be stored in the vinyl record case.
- When storing the product for a long time, disconnect the power adapter from the outlet and wrap the product in plastic; do not allow it to become damp; the drive belt should be removed to prevent unequal stretching.

Stylus Tip

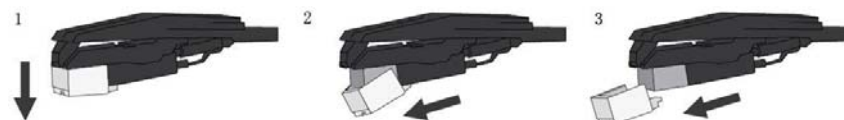
- If dirt and grime are stuck to the stylus tip, clean it with a commercially sold brush.
- We recommend using a stylus cleaner (not included) if the stylus tip is considerably dirty. Clean the stylus tip by moving the brush from the rear to the front of the stylus tip.
- The stylus is sharp and fragile, please put on the protective cover after use.

Replacing the Stylus

It's suggested to replace the stylus after 300 hours of use.

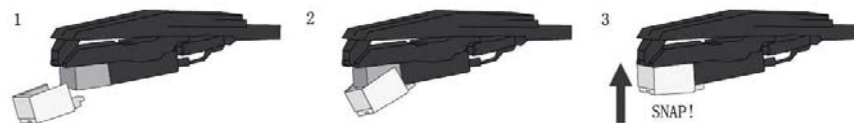
Removing the Stylus

- In addition to the deterioration of sound quality, records may also be damaged as the cartridge's stylus tip wears down.
- Be sure to disconnect the product's AC adapter from the outlet.
- When replacing the stylus, hold the headshell and the cartridge body tightly.
- Hold the stylus with one hand to prevent it from shaking, and use the other hand to gently pull the stylus down along the front edge of the stylus. When the stylus is loose, pull it out.



Installing a New Replacement Stylus

- Hold the cartridge with one hand to prevent it from shaking, and with the other hand place the stylus under the front of the cartridge (with the tip of the stylus facing downward).
- First insert the rear half of the stylus into the cartridge, then insert it upward into the front half until you hear a "click" sound.



Troubleshooting

Problem	Solution
The turntable platter does not spin.	• Is the AC adapter connected to the outlet? - Connect the AC adapter to the outlet. • What's the status of the indicator light? - The indicator light is blue. That means the turntable is in Bluetooth mode. Press the MODE button once to switch to Vinyl mode. - The red indicator light will indicate Vinyl mode. • Has the belt slipped from the platter? - Correctly place the belt on the platter. • Is the belt placed on the motor pulley? - Check that the belt is placed on the motor pulley (brass-colored) correctly. • Has the belt been damaged? - Replace it with a new belt
The platter spins, but there is no sound or the volume is not loud enough.	• Has the stylus protective cover been removed? - Remove the stylus protective cover • Is the stylus damaged? - Check the stylus and replace it, if necessary. • Is the stylus placed correctly on the body of the cartridge? - Check the cartridge and adjust it, if necessary.
The stylus skips.	• Is the record warped? - Check the record. • Is the record scratched? - Check the record.
There is howling.	• Is the product picking up excessive vibrations from the floor, surfaces of the walls, or nearby speakers? - Decrease the vibrations or mount the product on a surface that is not subject to the effects of vibrations. • Is the product mounted on an unstable surface? - Check whether the surface on which the product is mounted is suitable

Troubleshooting

Problem	Solution
There is noise when the record is playing.	• Is there dust on the cartridge's stylus tip? - If dust is stuck to the stylus tip, clean it with a commercially sold brush.
The sound when the record is playing is either too fast or too slow	• Are the speed settings for this product correct? - Please select the correct speed for the type of record being played.
Playback speed slows down or there is irregular rotation.	• Is the belt stretched out? - Replace it with a new belt.

Disposal



Dispose of the appliance and packaging must be effected in accordance with the corresponding local regulations and requirements for electrical appliances and packaging. Please contact your local disposal company.

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills, dumps, or refuse incineration, hazardous substances can leak into the groundwater or can be emitted into the air, thus getting into the food chain, and damaging your health and well-being as well as poisoning flora and fauna.

Customer Support

If you have any questions or concerns about your new product, please contact Vatacion Customer Support Team

Contact our team by email:
service@gotmoreappliances.com