



VIMUKUN AT-3600L Vinyl Record Player Instruction Manual

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VIMUKUN

VIMUKUN AT-3600L Vinyl Record Player



IMPORTANT SAFETY INSTRUCTIONS

Read and understand this entire manual before using this product. Keep these instructions for future reference. Follow all instructions please and heed all warnings.

1. DO NOT use in wet or moist areas such as bathrooms, steamy kitchens or near swimming pools.
2. DO NOT cover or block any vents. When placing the device on a shelf, leave 5cm (2") free space around the whole device.
3. Install in accordance with the supplied user manual.
4. Don't step on or pinch the power adaptor. Be very careful, particularly near the plugs and the cable's exit point. DO NOT place heavy items on the power adaptor, which may damage it. Keep the entire device out of children's reach!
5. Unplug this device during lightning storms or when unused for a long period.
6. Keep the device away from heat sources such as radiators, heaters, stoves, candles and other heat-generating products or naked flame.
7. Avoid using the device near strong magnetic fields.
8. Electrostatic discharge can disturb the normal usage of this device. If so, simply reset and restart the device following the instruction manual. During file transmission, please handle with care and operate in a stay free environment.
9. Never insert an object into the product through the vents or openings. High voltage flows through the product and inserting an object can cause electric shock and/or short circuit internal parts. For the same reason, DO NOT spill water or liquid on the product.
10. Although this device is manufactured with the utmost care and checked several times before leaving the factory, it is still possible that problems may occur, as with all electrical appliances. If you notice smoke, an excessive build-up of heat or any other unexpected phenomena, you should disconnect the plug from the mains power socket immediately.
11. The socket-outlet must be installed near the equipment and must be easily accessible.
12. DO NOT overload ac outlets or extension cords. Overloading can cause fire or electric shock.
13. Devices with class 1 construction should be connected to a mains socket outlet with a protective earthed connection.
14. Devices with class 2 construction DO NOT require an earthed connection.

15. Keep away from rodents. Rodents love to play on power lines.
16. Always hold the plug when pulling it out of the mains supply socket. DO NOT pull the power cord. This can cause a short circuit.
17. Avoid placing the device on any surfaces that may be subject to vibrations or shocks.
18. To clean the device, use a so dry cloth. DO NOT use solvents or petrol-based fluids. To remove severe stains, you may use a damp cloth with diluted detergent.
19. The supplier is not responsible for damage or lost data caused by malfunction, misuse, modification of the device or battery replacement.
20. To completely disconnect the power input, the mains plug of the apparatus shall be disconnected from the mains, as the disconnect device is the mains plug of apparatus.
21. The apparatus can only be used in moderate or climates warm climates and should be avoided in extremely cold environments.
22. This device is not intended for use by people (including children) with physical, sensory or mental disabilities, or a lack of experience and knowledge unless they're under supervision or have received instructions about the correct use of the device by the person who is responsible for their safety.
23. This product is intended for non-professional use only and not for commercial or industrial use.
24. Make sure the unit is adjusted to a stable position. Damage caused by using this product in an unstable position or by failure to follow any other warning or precaution contained within this user manual will not be covered by warranty.
25. Never remove the casing of this apparatus.
26. Never place this apparatus on other electrical equipment.
27. DO NOT use or store this product in a place where it is subject to direct sunlight ,heat, excessive dust or vibration.
28. DO NOT allow children access to plastic bags.
29. Only use attachments/accessories specified by the manufacturer.
30. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power supply cord or the plug, when the liquid has been spilled or objects have fallen into the apparatus, when the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
31. DO NOT use a damaged power cord or plug or a loose outlet. Doing so may result in fire or electric shock.
32. Prolonged exposure to loud sounds from personal music players may lead to temporary or permanent hearing loss.
33. Before operating this device, please check whether the working voltage of this device is the same as the local power supply voltage.
34. If any solid or liquid material falls into the case, you should unplug the power cord and ask a professional technician to check it before you can continue to use it.
35. If the unit will not be used for a long time, please unplug the power adapter from the wall socket; to disconnect the power cord, please always hold the plug when pulling it out of the mains supply socket. Do not pull the power cord, this can cause a short circuit.

ITEMS IN THIS PACKAGE

Before throwing away any packaging materials, please check thoroughly and make sure you find the following items that come along with this package:

1. Turntable Unit
2. Power Adapter
3. Lid
4. Hinge
5. Platter with Belt
6. 45 RPM Adaptor
7. Slip Mat
8. Instruction Manual

Please contact Katulan customer service if there is any accessory missing from the package. Please retain the original packaging materials for exchange or return purposes.

SPECIFICATIONS

Turntable

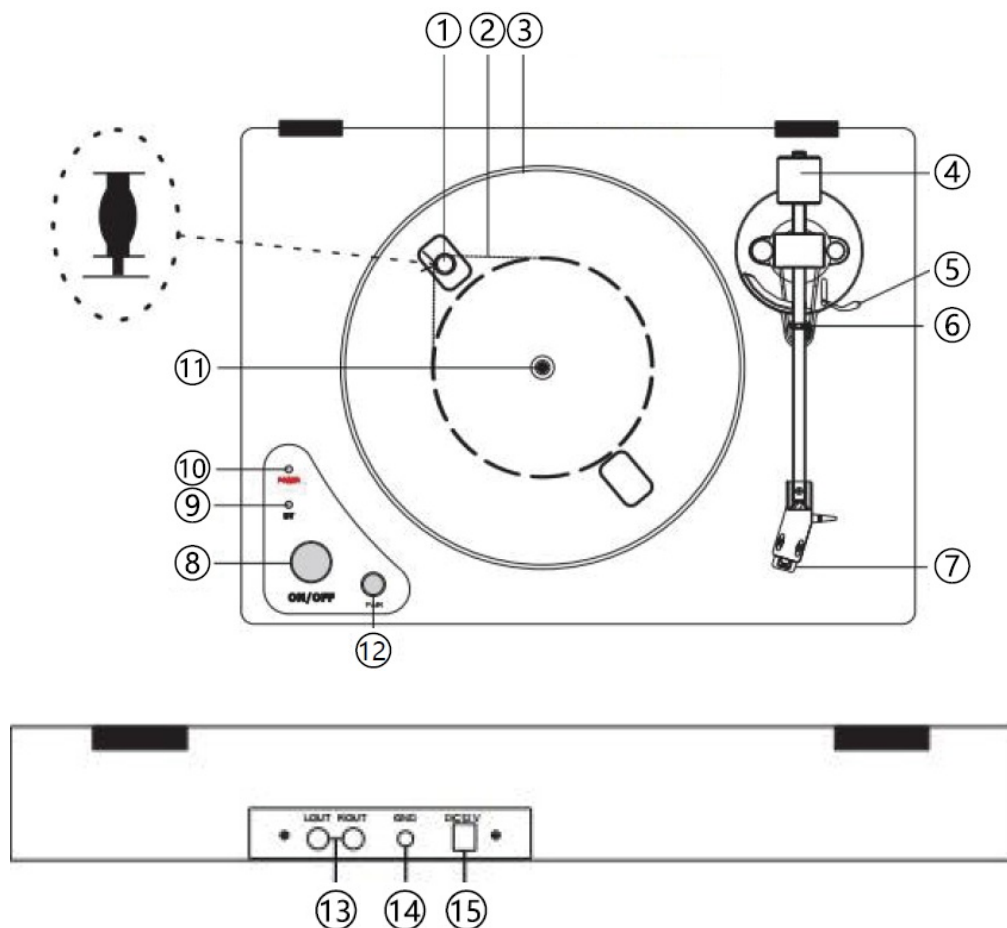
- Rotating Speed 33 3/1 & 45RPM
- Speed Change $\pm 1.5\%$
- Distortion $\leq 0.15\%$
- Signal To Noise 55dB
- Weight Adjustment Range 3.0-6.0g
- Power 24W
- Power Supply DC 12V IA
- Power Adapter Input: 100-240V 50/60Hz, Max. 200mA
- Product Dimensions 17.71" X 14.17" X 4.52"
- Net weight 16.53 lbs

Cartridge

- Stylus Model Audio Technical AT-3600L
- Frequency Range 20Hz-20kHz
- Load Resistance 47kohms
- Channel Balance $< 2\text{SdB}$
- Cartridge Moving Magnet Cartridge
- Channel Separation $> 18\text{dB}$
- Acupressure $3.5 \pm 0.5\text{g}$
- The Output Voltage 2.5mV
- Net Weight 5g

Record Player Structure and Components

Structure

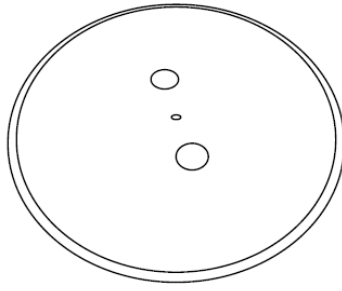


1. Motor Shaft
2. Drive Belt
3. Turntable Platter When assembling a vinyl record, place the disc on the spindle. A drive belt is wrapped around its back
4. Tonearm Counterweight After the vinyl record is assembled, rotate the counter- weight to adjust tonearm balance and needle pressure.
5. Tonearm Lift Lever
6. Tonearm Rest When you don't want to play a vinyl record, buckle the tonearm button to avoid physical impact.
7. Cartridge
8. Power Switch
9. Bluetooth Indicator
10. Power Indicator
11. Turntable Center Axis
12. Bluetooth Pairing Button
13. PHONO & Line Out Jacks
14. Ground Connector
15. DC Power Jack

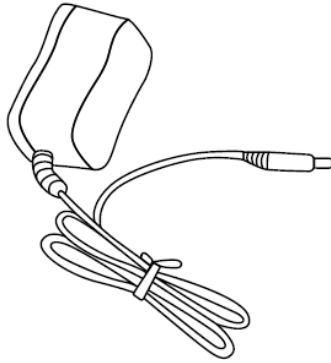
Check the Attached items

Make sure that all the attached accessories listed below are complete. If you find anything missing, please contact us.

- Iron Platter (including drive-belt)

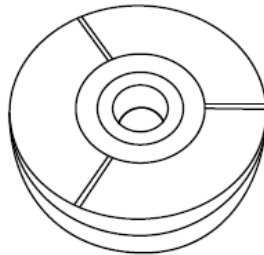


- Power adapter

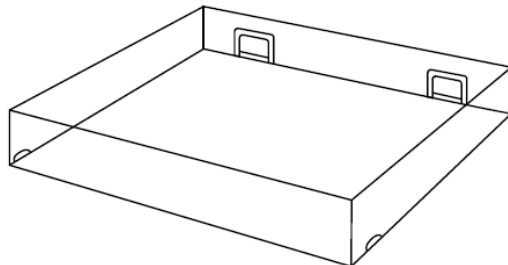


- 45 RPM Adapter

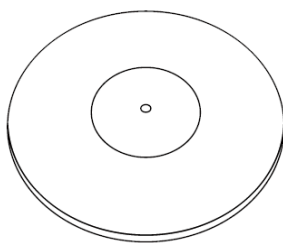
Put this adapter on the spindle, it can be used to play 7-inch vinyl records.



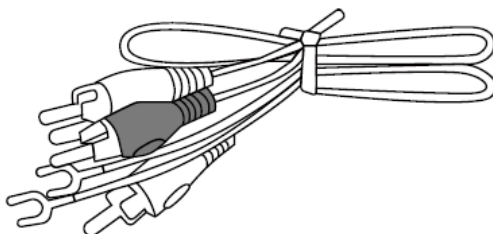
- Dust cover



- Turntable mat



- Phono cable with grounding conductor



MACHINE INSTALLATION

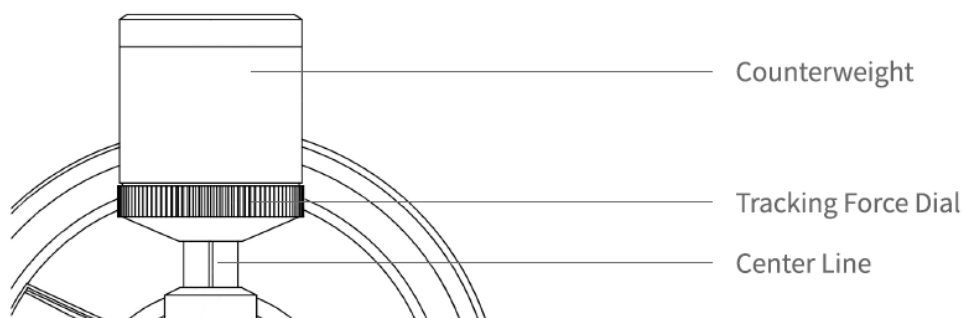
ESSENTIAL SETUP

1. Place the unit on a flat and level surface. The selected location should be stable and free from vibration.
2. Install the turntable lid to the hinges.
3. Remove the tie-wrap that is holding the tonearm.
4. Install the turntable platter accordingly.
5. Place the slip mat on top of the turntable platter.
6. Remove the cartridge cover
7. Connect AC adaptor to the Power Jack of the unit.

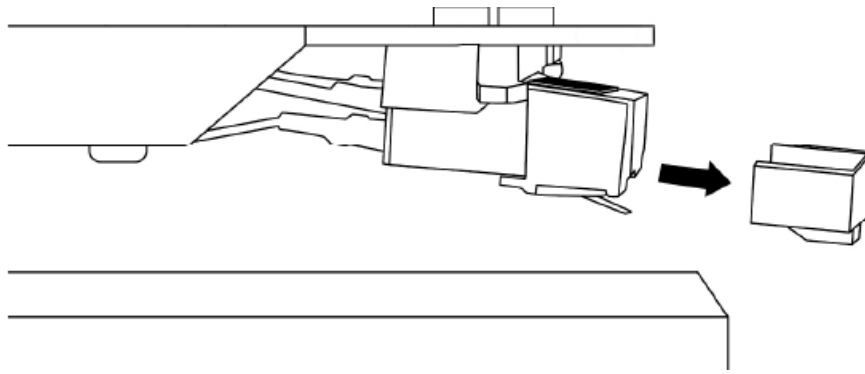
NOTE: DO NOT plug the AC power adaptor to power outlet before all the assembly is completed. Before turning the power on, make sure again all the connection settings are correct. Always turn off the power when connecting or disconnecting.

CARTRIDGE TRACKING FORCE ADJUSTMENT

The record player is shipped with the counterweight of the tonearm adjusted to a balanced state. There is no need to adjust the counterweight if there are no special circumstances. The supplied Counterweight is suitable for cartridges weighing between 3.0-6.0g.

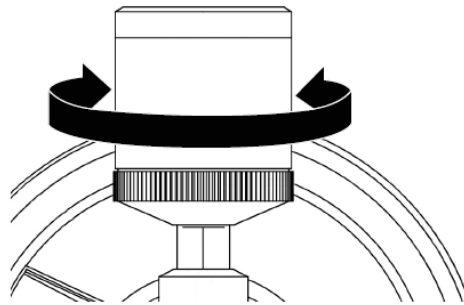


1. Remove the stylus protector from the cartridge and avoid touching the stylus tip during the adjustment.
- 2.

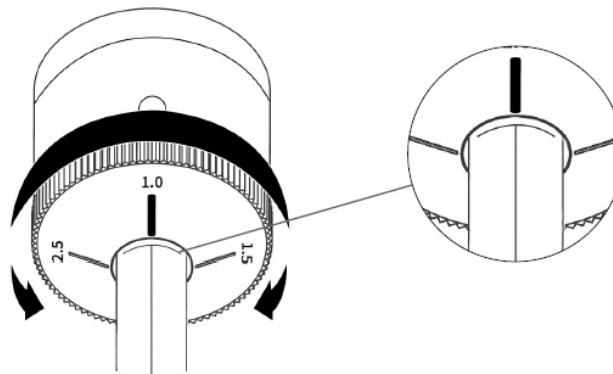


Remove the tie-wrap and unlock the tonearm.

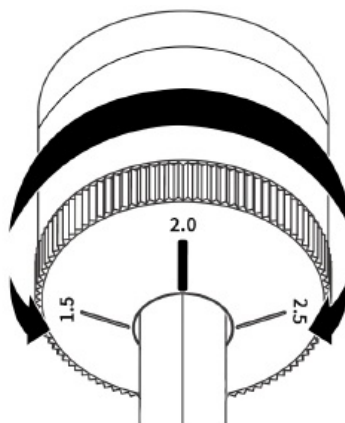
3. Lower the Tonearm lift and position the cartridge in the space between the tonearm rest and platter.
4. Carefully rotate the Counterweight clockwise to the cut-off line.
5. Return the tonearm and lock it to the Tonearm Rest.



6. While holding the Counterweight steady without any rotation, rotate carefully only the Tracking Force Dial until the "1" on the scale lines up with the Center Line marked along the top of the tonearm.



7. Next, continue rotating the Counterweight until the "2" on the scale lines up with the Center Line marked along the top of the voice coil. After, unlock the tonearm and check that it still maintains a level balance.



NOTE: Each mark on the dial represents 0.05g. The recommended tracking force for the factory-installed cartridge is $3.5\text{g} \pm 0.5\text{g}$. The cartridge only goes up to 2g for one rotation of the tracking force dial, meaning you will need to make more than one rotation to reach 3.5g.

STEREO SYSTEM CONNECTION

This product has a built-in phono equalizer function. You can use the turntable, even if you DO NOT have a phono amplifier or connectable equipment with a built-in phono amplifier.

- Not supported to connect an external phono amplifier.
- The jacks output analog line-level signals and could be connected directly with a pair of active speakers or the appropriate input of your stereo system.

NOTE: This vinyl record player has no built-in speakers.

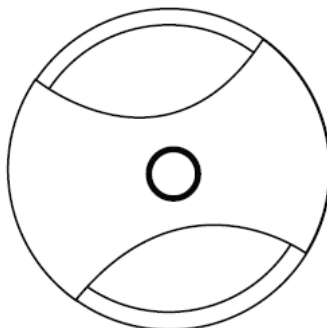
To listen to the sound on a vinyl record, connect to an audio device with an audio cable, or use the BLUETOOTH function to connect to an audio device that supports BLUETOOTH wireless technology, such as wireless speakers or wireless headphones.

BLUETOOTH OPERATION

- The device's Bluetooth system can only be used for transmitting and not for receiving, so it cannot be connected to transmitting devices such as cell phones.
- First Turn on the power and Bluetooth switch of the Bluetooth receiver device;
- Press the Bluetooth switch at the bottom of the record player to the "ON" position, when the BT indicator on the record player panel will flash, and the turntable will automatically search for a nearby Bluetooth speaker device.
- When you hear a successful connection beep from the speaker and the BT indicator light is on for a long time, it means the Bluetooth connection is successful.
- This turntable will connect to the nearest Bluetooth speaker. If after 2 minutes no Bluetooth speaker can be found to pair with, the Bluetooth transmitter will become inactive and the LED will turn off. If you need to connect again, power off the turntable and the speaker then power on again.

TURNTABLE OPERATION

1. Press the Power Switch to turn on the power.
2. Remove the stylus protector from the stylus.
3. Place the slip mat on the platter and place a record on the slip mat. If using 45 RPM records, put the 45 RPM adapter on the center spindle before placing the record on the platter.



45 RPM Adapter

4. Set the 33/45 RPM Selector according to the type of record. The platter will start spinning.
5. Release the Tonearm Rest.

NOTE: when the turntable is not in use, remember to lock back hold down clip.

6. Use the Tonearm Lift Lever to lift up the tonearm.
7. Gently move the tonearm over the record where play is desired to begin. Set the Lift Lever back to the down position, the tonearm will descend slowly onto the record and begin to playback.

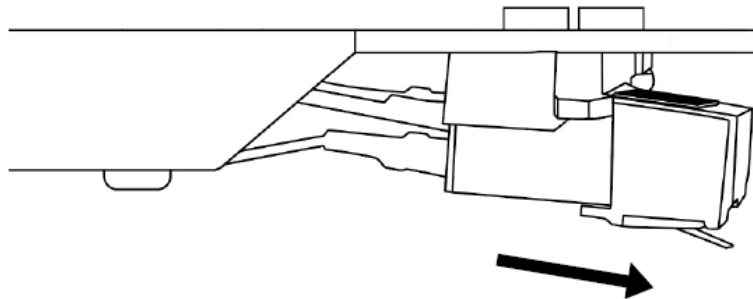
8. When the record is finished playing, use the Lift Lever again to raise the tonearm and then return it to the Tonearm Rest. Release the lever to let the tonearm sit back at its rest. To suspend the playback, repeat the same steps.
9. Lock the Tonearm Rest to secure the tonearm.

REPLACING THE STYLUS

In addition to the deterioration of sound quality, records may also be damaged as the cartridge's stylus tip wears down. As a rule of thumb, replace the stylus after 300 to 500 hours of use.

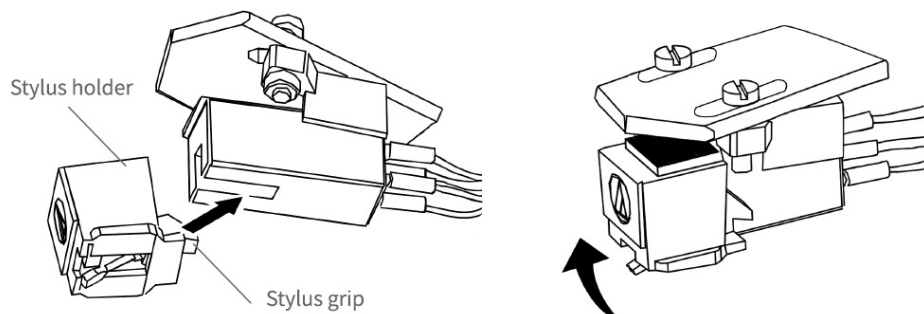
NOTE: Be sure to disconnect the product's power cable plug from the outlet.

1. Remove the protector from the cartridge.
2. Pull forward in the direction of the arrow and remove the stylus.



INSTALLING A NEW REPLACEMENT STYLUS

1. Grasp both sides of the stylus holder and insert the stylus grip into the rear tab of the cartridge.
2. Push up the stylus holder until it clicks and locks completely in place.



MAINTENANCE AND CLEANING

- Your turntable requires little or no regular maintenance. Remove dust with a slightly damp antistatic cloth. Never use a dry cloth, this will create static electricity and attract more dust!
- Antistatic cleaning agents are available at specialist stores, but must be applied sparingly to avoid damage to rubber parts. It is recommended to install the needle cover before cleaning or maintenance is carried out to avoid damage.
- If the turntable is not used over a long period of time, the drive belt should be removed to prevent unequal stretching.
- It is recommended to install the needle cover before cleaning or maintenance is carried out to avoid damage.

NOTE: Always disconnect the record player from the power supply as a precaution before maintenance!

USEFUL TIPS

The turntable should be positioned on a low-resonance surface such as wood or multiple layer ply board to avoid structural vibrations disturbing playback.

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.

CARTRIDGE REPLACEMENT

1. Before replacement, put the stylus protector back on the stylus to prevent damage to the stylus during the replacement process.
2. Carefully remove the wire leads from the original cartridge.
3. Loosen the two screws on the head shell that are securing the cartridge and then remove the original cartridge.
4. Mount the new cartridge to the head shell and tighten it lightly. Do not completely tighten the screws at this moment.
5. Connect the wire leads to the new cartridge's terminals.
6. Adjust the cartridge's position to make sure it is precisely aligned on the head shell so that the stylus will be tracking the grooves in parallel perfectly. Fine tune the cartridge's position on the head shell until the cartridge is perfectly in parallel with the the reference lines at both points.
7. Tighten the screws completely once the perfect alignment is achieved.

NOTE: If you are unfamiliar or uncomfortable with completing this procedure, we recommend consulting with a professional to perform the installation.

TROUBLESHOOTING

Potential Incorrect Use and Fault Conditions:

These turntables are manufactured to the highest standards and undergo strict quality controls before leaving the factory. But there are also inevitably faulty situations that can sometimes be caused by incorrect use or unfortunate circumstances. Therefore, the following list of common failure symptoms is included.

The platter doesn' t turn although the unit is switched on:

- The unit is not connected to the main power supply.
- No power at the outlet.
- Drive belt is not installed or has slipped off.
- The unit automatically switched in standby mode, power OFF and ON again.

No signal through one or other channel or both channels:

- Speakers muted.
- No connection to the speakers.
- No connection between turntable and amplifier.

- Wire leads not connected to the cartridge.

Strong hum on player input:

- Turntable too close to speakers.
- The record player does not support connection to external amplifiers.

Distorted or inconsistent sound from one or both channels:

- The vinyl record is damaged.
- Needle or cantilever damaged.
- Drive belt overstretched or dirty.
- Platter bearing without oil, dirty or damaged.

Cannot connect with Bluetooth speaker:

- The turntable is not in pairing mode.
- Your Bluetooth speaker is not in pairing mode.
- The Bluetooth transmitter has turned off because Bluetooth is not connected in 2 minutes.

Needle isn't touching the record

The screw on the tonearm rest may have loosened during transport. Gently turn this screw clockwise to move the needle stylus closer to the record.

Needle is scratching the record's surface:

Gently turn the tonearm rest screw anticlockwise to move the needle stylus away from the turntable.

NOTE: Factory screw tightness is based on the thickness of the included slip mat. If a thinner or thicker 3rd-party slip mat is used, gently adjust the screw as needed following the steps in the last two situations.

Documents / Resources

	<p>VIMUKUN AT-3600L Vinyl Record Player [pdf] Instruction Manual AT-3600L Vinyl Record Player, AT-3600L, Vinyl Record Player, Record Player, Player</p>
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References

- [User Manual](#)

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