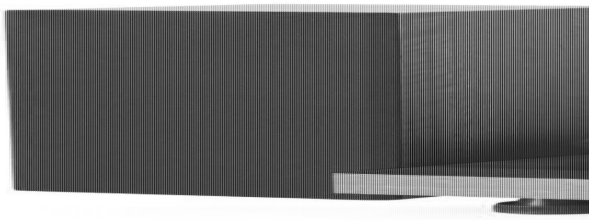

1 BY ONE AT3600L Turntable Hi-Fi System with Speaker Instruction Manual

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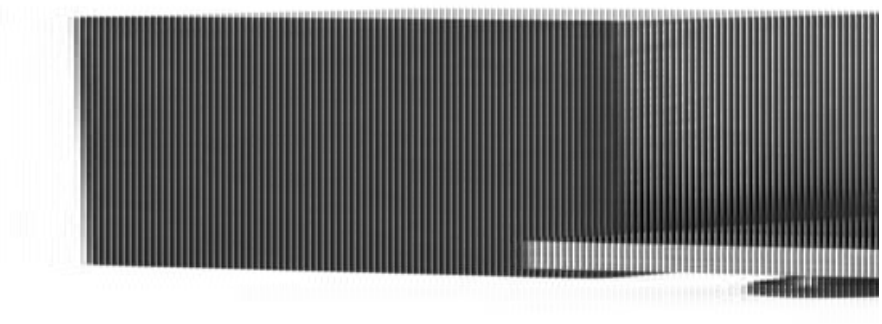
1 BY ONE AT3600L Turntable Hi-Fi System with Speaker Instruction Manual



1 byone Products Inc.
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Made in China

Introduction

Thank you for purchasing 1 byone Turntable Hi-Fi System with Speakers. This instruction manual contains important information about safety, usage and disposal.
Use the product as described and keep this manual for future reference. If you sell this turntable or pass it on, also give this manual to the new owner.

Safety Instructions

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

1. Do not use the turntable near water.
2. Only connect the turntable to a power outlet type as indicated on the marking label or in the “Specifications” section of this instruction manual.
3. The turntable has a polarized plug (one pin is wider than the other). To reduce the risk of electric shock, this plug is intended to fit into a polarized outlet in only one orientation. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to modify the plug in any way.
4. Protect the power cord from being walked on or pinched, particularly at the power plug, at the point of connection between the plug and outlet and at the point of connection between the power cable and speaker.
5. Do not overload wall outlets or extension cords as this will be a fire hazard and may cause electric shock.
6. Never push objects of any kind into the turntable through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
7. Do not attempt to service the turntable yourself as opening or removing body panels may expose you to

dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

8. Changes or modifications to the turntable not expressly approved by the party responsible for compliance could void the user's authority to operate the product.
9. Do not use attachments not recommended by the manufacturer as they may cause hazards.
10. Only place on a flat, sturdy table or use with the cart, stand, tripod or bracket as specified by the manufacturer or sold with the turntable. Cl

    When a cart is used, use caution when moving the cart/turntable combination to avoid injury from tip-over.
11. Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating. Do not block or cover these openings.
12. Unplug the product during lightning storms or when unused for long periods of time.

COMPLIANCE WITH FCC REGULATIONS

This device complies with Part 15 of 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.

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.

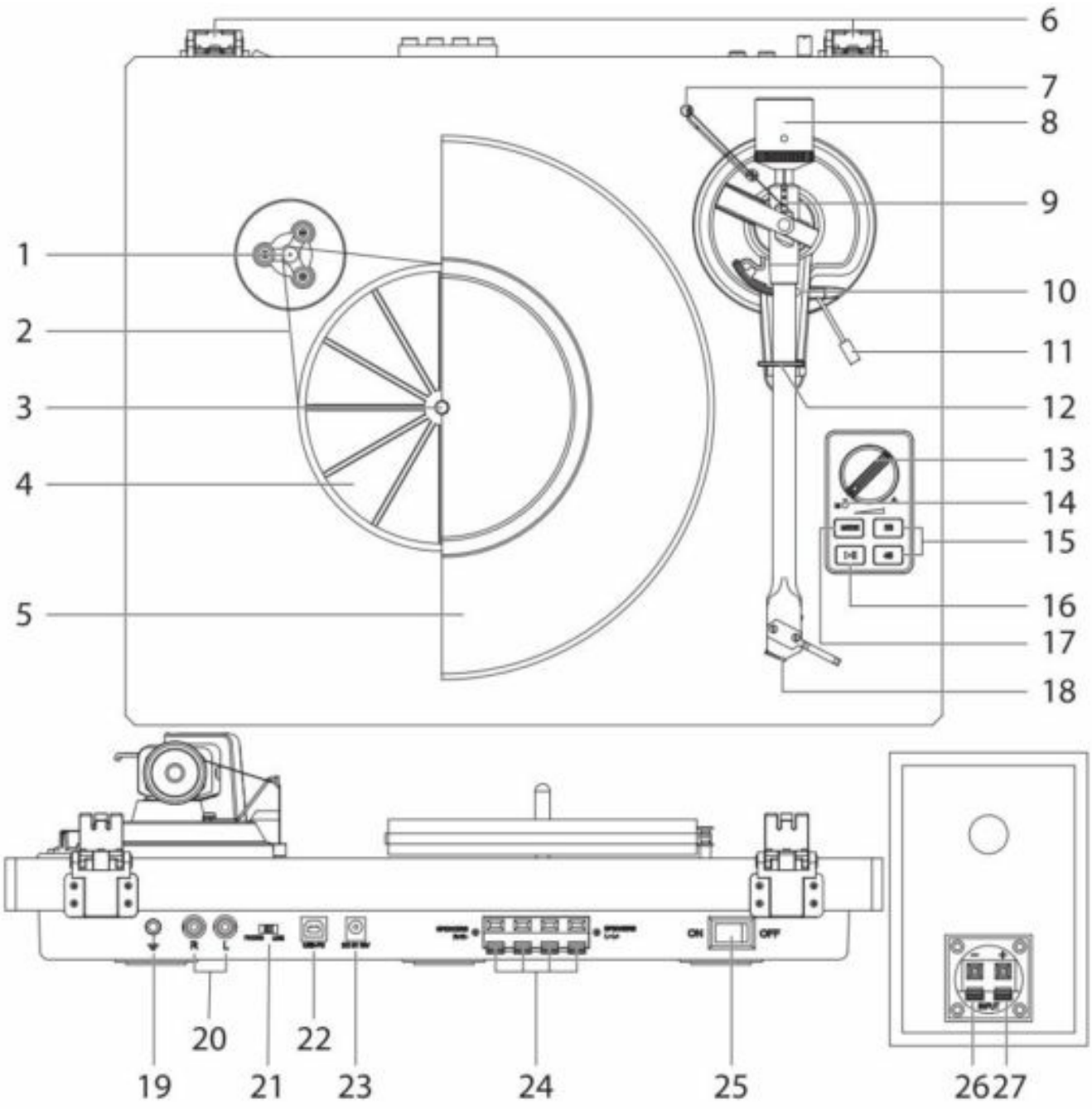
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

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.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
WARNING: Cancer and Reproductive Harm – HYPERLINK **http://www. P65Warnings.ca.gov**
For more information go to HYPERLINK "http://www.1 byonebros.com/Compliance/ Prop65"

Product Description



1. Motor Pulley
2. Drive Belt
3. Turntable Spindle
4. Turntable Sub-platter
5. Turntable Platter
6. Lid Hinge
7. Anti-skating Weight
8. Counterweight
9. Anti-skating Stick
10. Tonearm Rest
11. Tonearm Lift Lever
12. Tonearm Clip
13. Volume Control
14. Indicator
15. 33/45RPM Selector
16. Play/Stop Button
17. Mode Button
18. Stylus Cartridge
19. Ground Connector
20. Phono & Line Out Jacks
21. Phono & Line Out Switch
22. USB Port for PC Link
23. Power Cord Jack
24. External Speaker Jacks
25. Power Switch
26. Speaker Jack -
27. Speaker Jack +

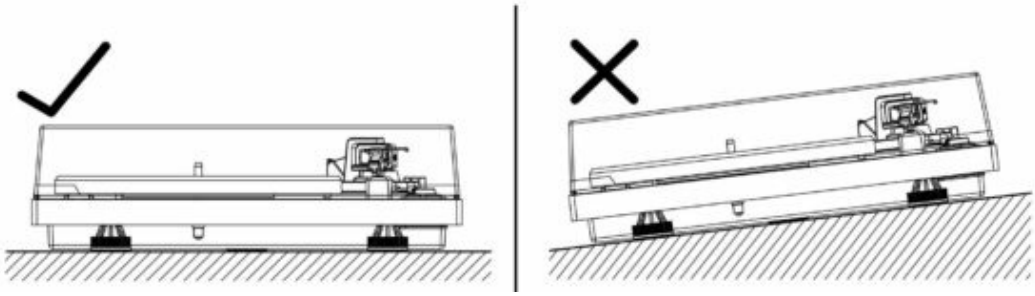
Included Items

Before installing the turntable, check the package contents to ensure all parts below are included and free of visible damage. Please retain the original packaging materials for exchange or return purposes.

- 1 x Turntable Unit
- 2 x Speakers
- 1 x Turntable Lid
- 1 x Slip Mat
- 1 x Turntable Platter
- 1 x Tonearm Counterweight
- 1 x Anti-skating Weight
- 1 x 45 RPM Adapter
- 1 x Drive Belt
- 1 x Sub-platter
- 1 x Belt Hook
- 1 x Power Adapter
- 1 x USB Cable for PC Link
- 2 x Audio Cables for Speakers
- 1 x Cartridge Alignment Protractor
- 1 x Instruction Manual

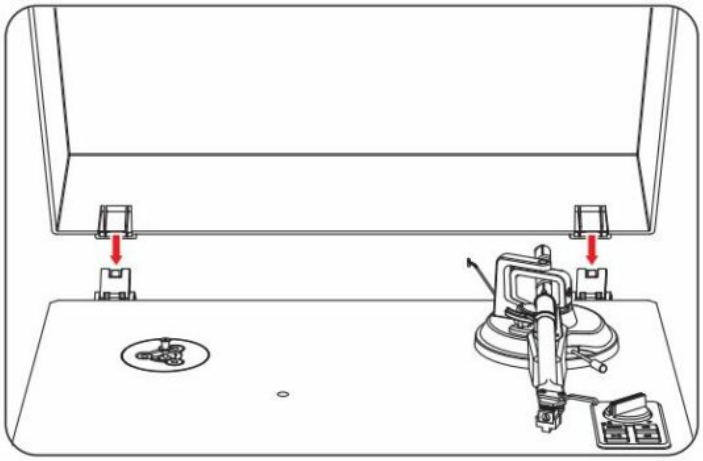
Installing the Turntable

- Mount the product on a level surface.
- To avoid the effects of vibrations and acoustic pressure, do not mount the product next to such items as speakers.
- The product may pick up radio static if placed next to a radio. Therefore, try to keep the product away from radios.
- If the product is near equipment (cell phone, etc.) that emits strong radio waves, noise may occur.



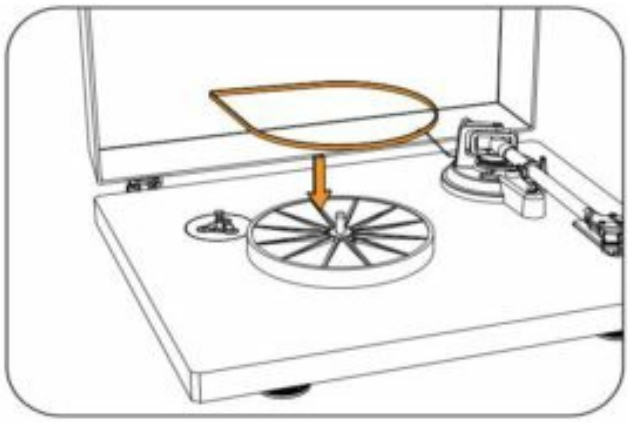
Installing the Lid

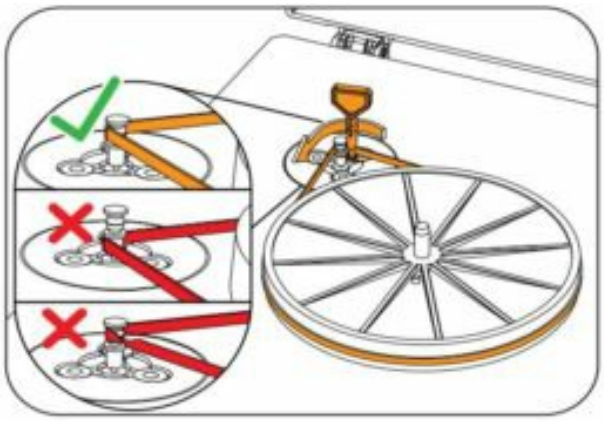
Insert the hinge pockets of the lid onto the hinges of the turntable.



Turntable Platter and Belt Setup

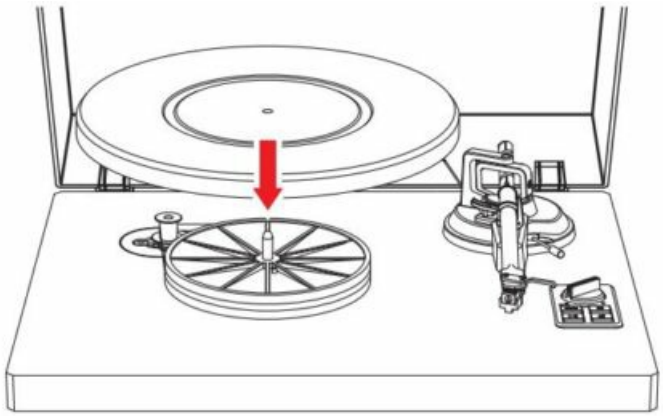
1. Remove the protective packaging and ensure the turntable is placed on a sturdy and level surface.
2. Insert the sub-platter into the turntable spindle located in the middle of the turntable.
3. Loop the drive belt around the sub-platter and motor pulley (brass-colored).





4. Carefully place the main platter onto the sub-platter (Figure 1).

Figure 1



Rotating the Platter

1. Using your hands, slowly rotate the platter ten times in the direction of the arrow (Figure 1).
2. This step is for resetting the auto mechanism, 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.
3. Place the slip mat on top of the platter.
   Make sure the 1 byone logo on the mat is facing up (Figure 2).

Figure 1

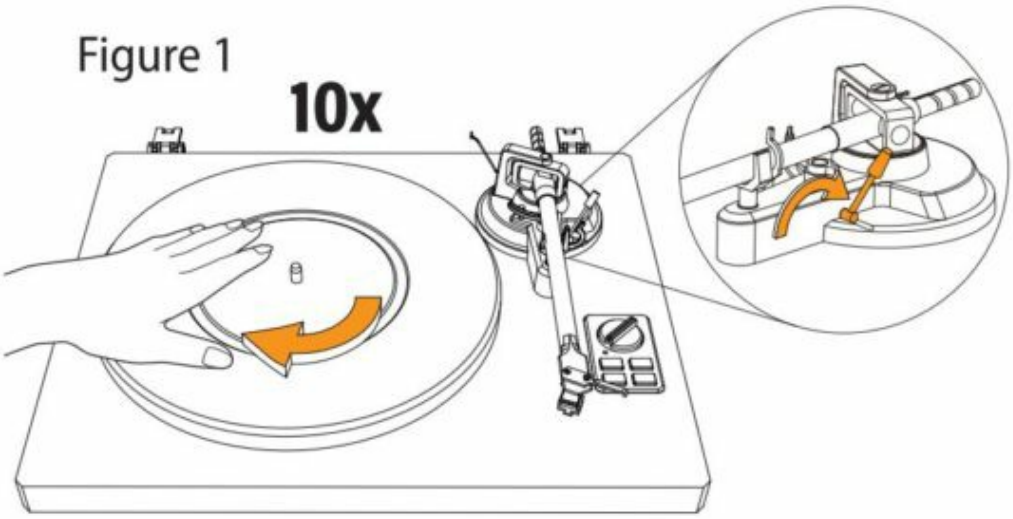
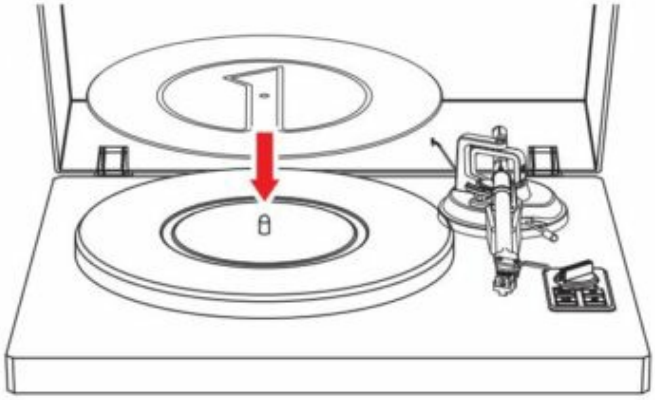
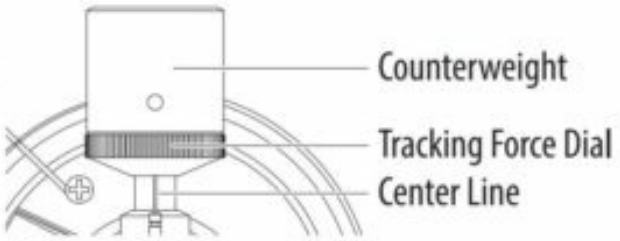


Figure 2



Cartridge Tracking Force Adjustment

The supplied Counterweight is suitable for cartridges weighing between 3.0-6.0g.

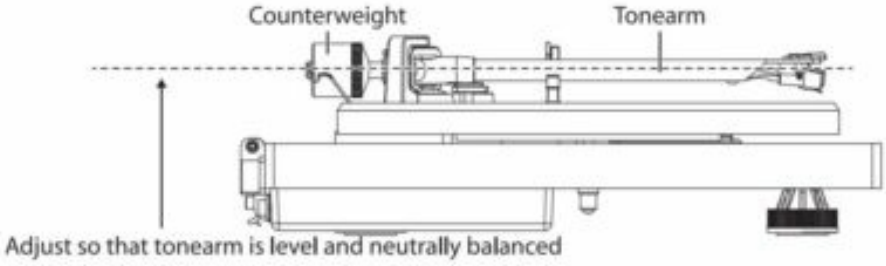


1. Gently push and turn the Counterweight onto the rear of the tonearm (with the dial facing toward the front of the turntable).

2. Pull the protector straight forward to remove it.

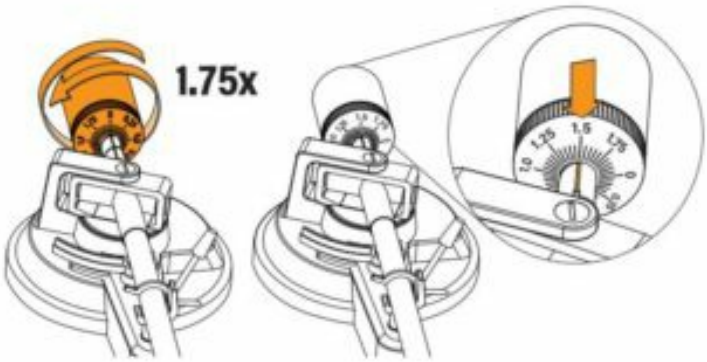
NOTE: Applying a downward force may cause the stylus to come off the body. Only low volume is output if the stylus has come off, or is about to come off, so refer to "Replacing the stylus" to reattach the stylus correctly.

3. Remove the tie-wrap and unlock the tonearm.
4. Lower the tonearm lift lever and position the cartridge in the space between the tonearm rest and platter.
5. Carefully rotate the counterweight until the tonearm achieves a neutral balance. The tonearm should return to this balanced position if it is moved up or down. This adjustment must be done carefully.



6. Once the tonearm is correctly balanced, return the tonearm to its rest. Hold the Counterweight without moving it, and gently rotate the tracking force dial until the zero is in line with black center line on the rear of the tonearm. Check to make sure the tonearm is still neutrally balanced.

7. Rotate the counterweight counter clockwise (as seen from the front) to adjust the tracking force according to the cartridge manufacturer's recommendations.

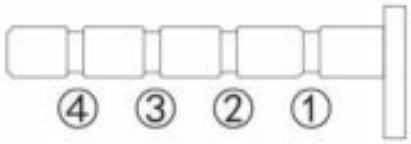


Note: Each mark on the scale represents 0.05g. The recommended tracking force for the factory-installed cartridge is 3.Sg±O.Sg. The cartridge tracking force only goes up to 2g for one rotation of the tracking force dial. You will need to make more than one rotation to reach 3.Sg.

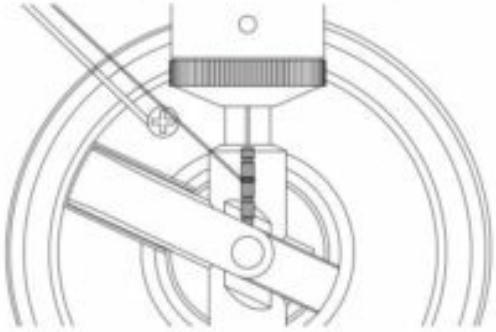
Anti-skating Force Adjustment

The anti-skating force must be adjusted corresponding to the tracing force as follows:

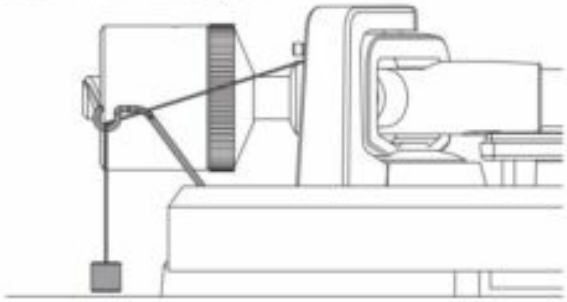
Tracking Force	Groove in the Stick
5-10 mN	1st from bearing ring
10-15 mN	2nd from the bearing ring
15-20mN	3rd from the bearing ring
>20mN	4th from the bearing ring



1. Slip the loop of the anti-skating weight's thread over the **3rd** groove of the stick to set the correct anti-skating force for the factory-installed cartridge.



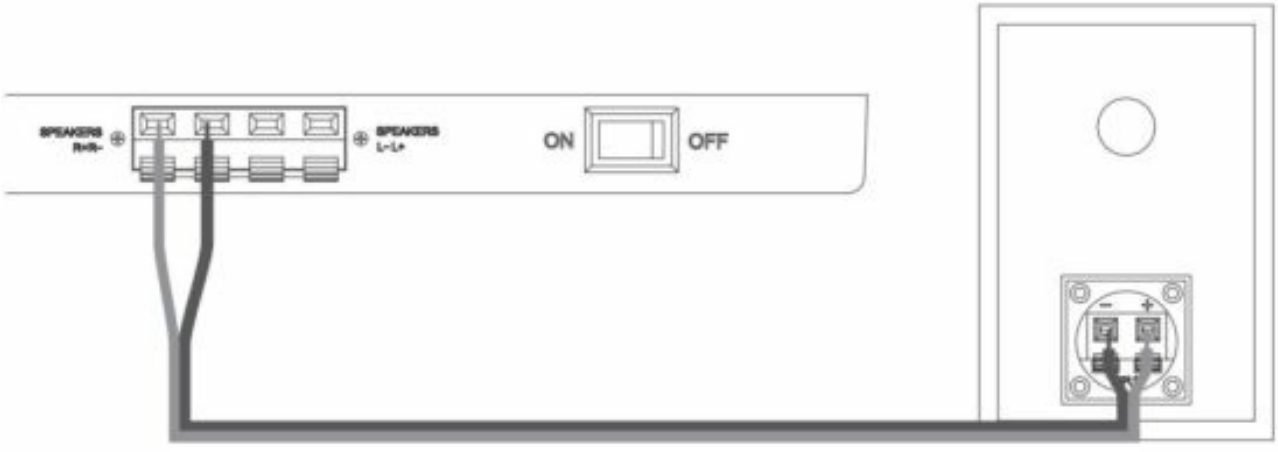
2. Feed the thread through the loop of the wire hanger.



Connecting to Speakers

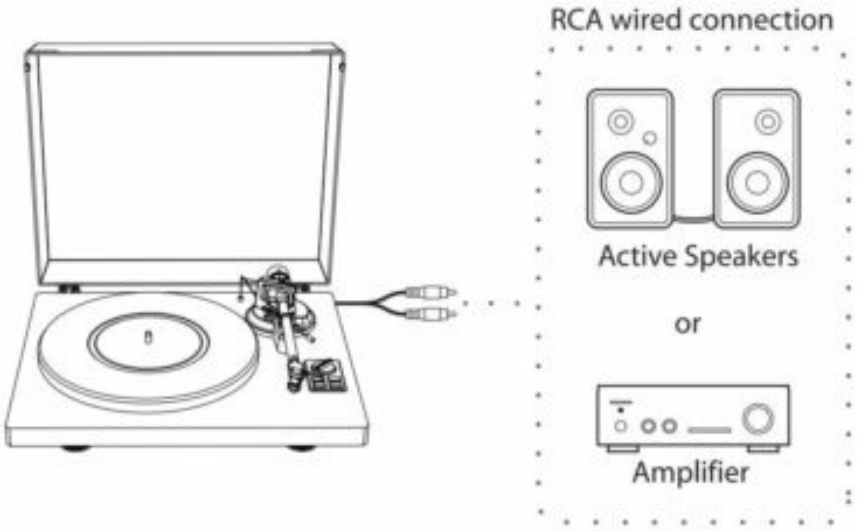
1. Connection to the Included Speakers

This turntable includes a built-in preamp and comes supplied with Hi-Fi speakers. Connect the speakers using the included audio cable (black cable to black cable clamp and red cable to red cable clamp).



2. Connection to External Speaker with the RCA Audio Cable

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



2.1 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

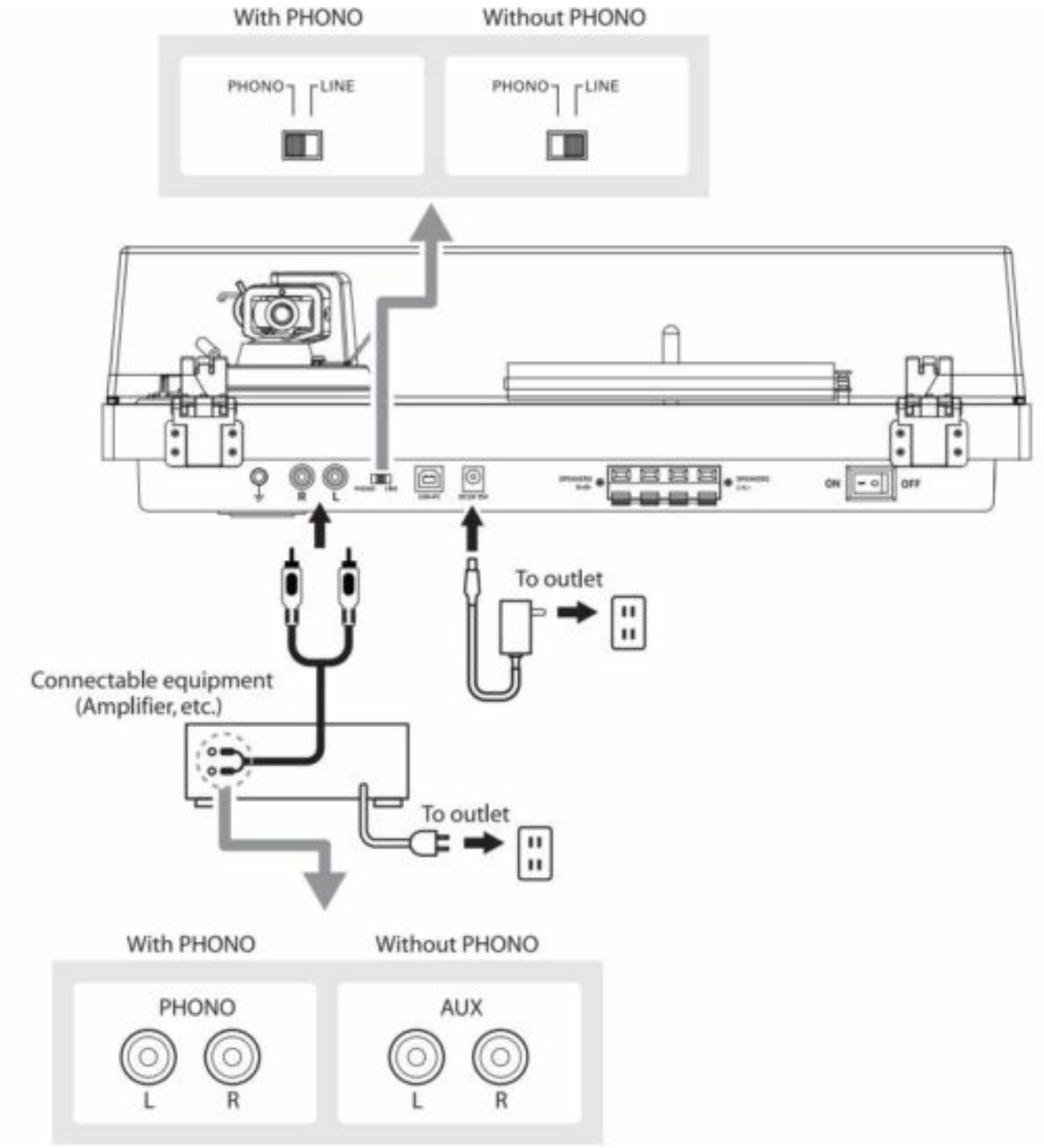
When connecting via the included speakers, using the pre-amplifier selector switch is not necessary.

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.

2.2 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.



Main Power Connection

1. Insert the DC plug of the AC adapter cord into the DC INPUT Jack at the back of the turntable.
2. Plug the AC adapter into a normal power outlet.

NOTE: Do not plug the AC power adapter into a power outlet before all turntable assembly is completed. Before turning on turntable power, recheck all connections to make sure they are correct and secure. Always turn off the turntable before connecting or disconnecting from power.

Power Management Function

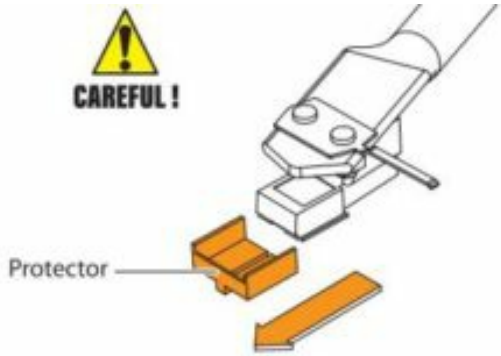
The turntable will automatically go into standby mode after 15 minutes of inactivity. To resume operation, press and hold the Mode button for 3 seconds.

Playing a Record

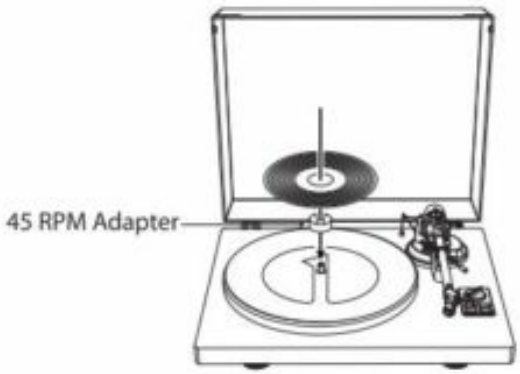
1. Before playing a record

1.1 Pull the protector straight forward to remove it.

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 reattach the stylus correctly.



1.2 Place the record on the felt mat so that the center hole aligns with the spindle.



If playing a 45 RPM record with a large center hole, attach the 45 RPM adapter.

2. Turntable Operation

Sufficiently lower the volume of the amplifier, speakers, etc.
2.1 Connect the included power adapter to the turntable and slide the Power Switch to the "ON" position.
2.2 Remove the stylus protector from the stylus.
2.3 Press the MODE button to choose turntable mode. The Red indicator light indicates Turntable mode and blue indicator light indicates Bluetooth mode.
2.4 Place the record on the slip mat. If using 45RPM records, put the 45 RPM adapter on the center spindle before placing the record on the platter.
2.5 Press the 33 or 45 RPM speed button according to the type of 45RPM Adapter record.
2.6 Press the Play/Stop button. The platter will start spinning.
2.7 Unlock the tonearm clip and set the tonearm lift lever to the up position.
2.8 Position the tonearm over the desired location (groove) on the record.
2.9 Carefully lower the tonearm on the record.
2.10 Turn up the volume of the turntable as needed.
2.11 When you are finished playing the record, raise the tonearm, return it to rest on the arm clip and press the Play/Stop button to stop.

NOTE:

1. If the silent pause time between each track is longer than 3 minutes, the platter will stop spinning automatically to avoid damaging the record. This stoppage does not mean the turntable is defective.
2. If the felt mat gets dirty, it can easily scratch the record, so remove the felt mat periodically and wipe off any dust.
3. To prevent the record from scratches and warping, remove it after use.
4. Do not use a disk stabilizer.

Bluetooth Operation

1. Connect the included power adapter to the turntable and slide the Power Switch to the “ON” position.
2. Press the MODE button to choose Bluetooth mode. The Red indicator light indicates Turntable mode and blue indicator light indicates Bluetooth mode. You will hear an activation sound from the turntable.
3. Turn on the Bluetooth feature of your media device and search for and select ·1 byone BS017″to pair the media device and turntable.
4. Once your media device is successfully paired with the turntable, the turntable will play a short confirmation sound.
5. Play and stream music from your media device to the turntable.
   Note: Bluetooth version: 5.0

Recording the Vinyl to Your Computer

Please follow the below steps to set up Audacity to record from the USB audio device.
For more details, please refer to the BRIEF INTRODUCTION OF AUDACITY at https://manual aud acityteam.org/ma n/record in g_ with_usb_tu rntables.html

1. Download the Audacity software and complete installation
1.1 Ensure your Audacity software is up to date. You can download the current version from http://www.audacityteam.org/download/
1.2 Follow the instructions to complete installation.
2. Set up Audacity to record from the USB audio device.
2.1 Connect the USB device
Use the supplied USB cable to connect your turntable and your computer. No extra driver is required.

2.2 System settings needed for Windows and Mac

Documents / Resources

	1 BY ONE AT3600L Turntable Hi-Fi System with Speaker [pdf] Instruction Manual AT3600L Turntable Hi-Fi System with Speaker, AT3600L, Turntable Hi-Fi System with Speaker, Hi-Fi System with Speaker, System with Speaker, Speaker

References

- User Manual

Manuals+,