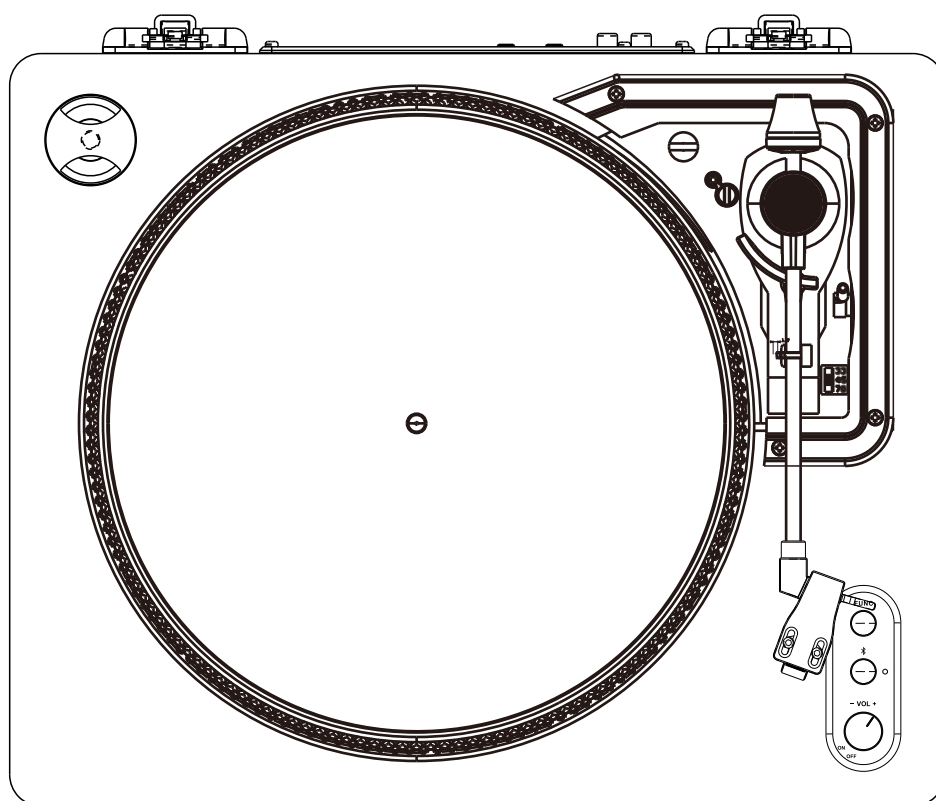


RETEKESS



TR643 User Manual

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Usage Instructions

1. Read the Manual — Before using this product, please read all safety and operation instructions.
2. Pay Attention to Warnings — Note all warnings in the product and operation instructions.
3. Keep the Manual — Retain the safety and operation manual for future reference.
4. Follow the Instruction — Follow all operational and user instructions.
5. Cleaning — Unplug the product before cleaning. Do not use liquid or spray cleaners. Clean with a soft, damp cloth.
6. Accessories — Do not use accessories not recommended by the manufacturer to avoid product malfunction or danger.
7. Water and Moisture — Do not use the product near water sources, such as bathrooms, sinks, kitchens, laundry rooms, basements, or swimming pools.
8. Attachments — Do not place the product on an unstable cart, tripod, stand, or table to avoid damage or injury. Follow the manufacturer's instructions for any attachments.
2. Transportation — Be cautious when transporting the product in a vehicle. Sudden stops, overloading, or rough roads may cause the product to fall over.
10. Ventilation — The slots and holes in the casing are for ventilation to ensure reliable operation and prevent overheating. Do not block these vents by placing the product on soft surfaces like beds, sofas, or carpets. Ensure proper ventilation around the product.
11. Power Supply — This product should only use the type of power specified on the label. If you are unsure about the power supply type, consult your dealer or local power supplier. For more information on power or other energy sources, refer to the operation manual.
12. Power Plug — Place the power plug in a location that allows easy access to turn off the power immediately in case of an emergency.
13. Power Cord Protection — Avoid placing objects on or near the power cord, especially near the plug.
14. Lightning — For safety, unplug the product during thunderstorms or when not in use for an extended



period. Remove antennas or cable systems during this time.

15. Power Protection — Do not place external antennas near overhead power lines or lighting circuits, nor in areas where such circuits pass through. Be cautious when installing antennas to avoid contact with power lines, as this could result in electric shock

16. Overloading — It is recommended to connect the product's power plug directly to a power outlet. Do not use a multiple socket adapter to avoid overloading, which may cause fire or electric shock.

17. Objects and Liquids — Never insert objects into the product's holes or slots. This could result in electric shock or short-circuiting. Also, avoid spilling liquids on the product.

18. Repairs — All repairs should be handled by qualified technicians. Do not attempt to repair the product yourself, as opening or dismantling the product may expose you to electric shock or other dangers.

19. Product Damage Repair — If any of the following occurs, unplug the product and take it to a qualified repair technician:

Power cord or plug is damaged.

Liquid or foreign objects enter the product.

Product is exposed to rain.

Incorrect adjustments made to controls other than those specified in the operation manual.

Product is dropped or damaged in any way, and exhibits visible changes in appearance.

20. Replacement Parts — Ensure that any replacement parts are identical to those originally specified or approved by the manufacturer. Unauthorized parts may cause fire, electric shock, or other hazards.

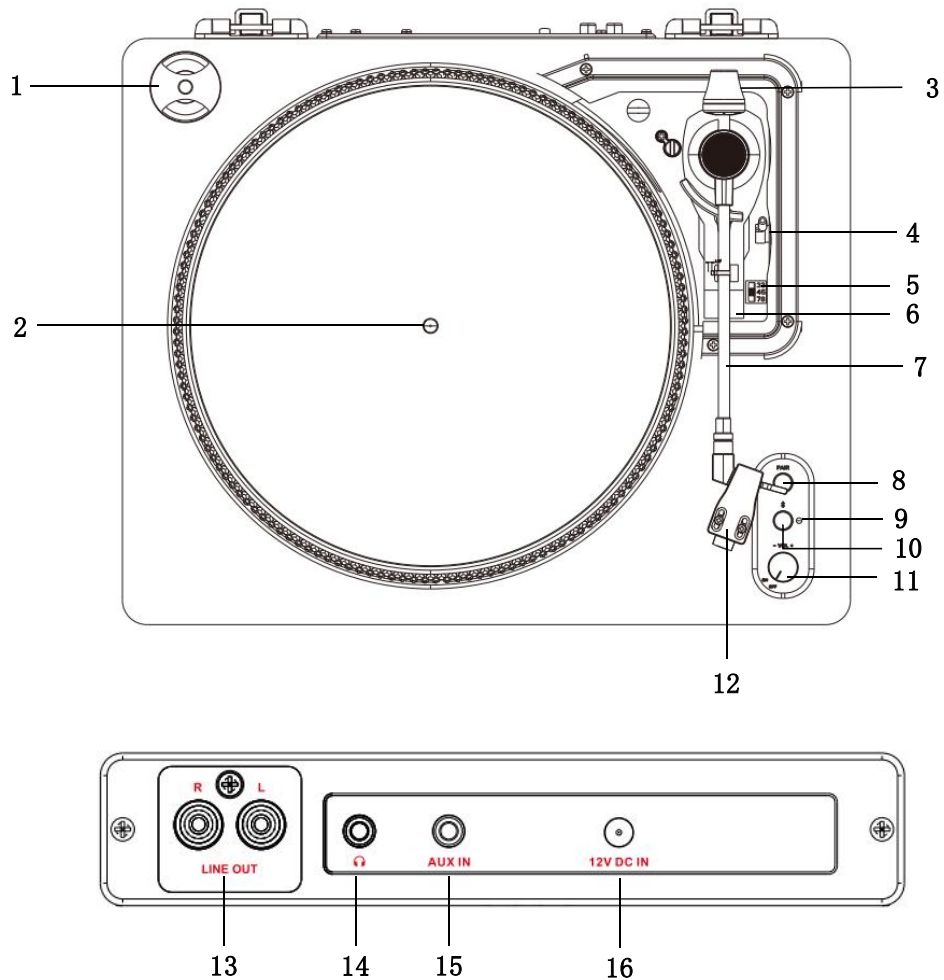
21. Safety Check — After repairs are completed, ensure the technician performs a safety check to verify that the product is operating normally.

22. Heat Sources — Keep the product away from heat sources such as stoves, heaters, amplifiers, or other products that generate heat.

23. Temperature Recommendations — It is recommended to use the product in a normal temperature range (5°C~25°C). Extreme temperatures may cause unknown damage to the product.

1 Product Instructions

1.1 Schematic Diagram



1: 45 RPM Speed Adapter

2: Turntable Spindle

3: Counterweight

4: Lift Lever

5: Speed Selector Switch (33/45/78 RPM)

6: Tonearm Mount (with tonearm clip embedded)

7: Tonearm

8: 【FUNC】 Button (Function Button)

9: Status Indicator Light (Indicates various modes or process states)

10: Bluetooth Function Button

11: Power Switch/Volume Control Knob

12: Turntable Cartridge

13: LINE OUT Audio Output Socket

14: 3.5mm Headphone Jack

15: AUX IN Output Socket

16: DC Power Socket

1.2 Specifications

Material	Plastic + Wood
Size	387*310*115(mm)
Weight	Approx. 2.75Kg
Electric Motor	Operating Voltage 5V~12V, Clockwise, Three Speeds
Drive System	Belt-driven
Speed	33 1/3、45、78 RPM with Automatic Stop
Cartridge	Audio-Technica AT3600L
Cartridge Type	Moving Magnet (MM)
Signal-to-Noise Ratio	55dB
RCA Output Voltage	200-280mV (5cm/sec at 1KHz-10dB)
PHONO Output Voltage	3-4 mV (5cm/sec at 1KHz-10dB)
Bluetooth Version	V5.3
Bluetooth Protocol	A2DP, AVRCP

2 Setup and Usage Instructions

2.1 Turntable Installation

2.1.1 Installing and Adjusting the Counterweight

The counterweight adjusts the stylus pressure. Too much pressure causes distortion, while too little can lead to skipping.

① Grip the counterweight with the silver-ringed side facing you. Insert it into the end of the tonearm. When you hear two clicks, the counterweight is in place.

② Remove the stylus protector.

③ Release the tonearm lock on the tonearm mount, then push the lift lever forward to raise the tonearm off the mount. Gently move the tonearm to the left over the turntable. (Note: Do not let the stylus touch the record.)

④ Adjust the counterweight to keep the tonearm level.

⑤ Hold the metal part of the counterweight still and rotate the silver-ringed part to set 0 at the 12 o'clock position.

Note: Do not rotate the metal counterweight.

⑥ Hold both the metal counterweight and the silver ring, rotate clockwise, setting 0.5 at the 12 o'clock position.

This sets the stylus pressure to $3.5\text{g} \pm 0.5\text{g}$, and can be adjusted within this range.

2.1.2 Power Connection

Use the included AC/DC power adapter to power the device. Before connecting, check that the input voltage of the adapter matches the turntable's required power supply (AC/DC adapter input: 100-240V, 50/60Hz, output: 12.0V 2.0A).

Note: Always disconnect the power by unplugging the adapter from the wall socket.

2.2 Turntable Playback

2.1.2 Vinyl Playback Mode

Before use:

- A. Connect the power adapter (use the included adapter) and ensure the connection is secure.
- B. Check the turntable speed (33/45/78 RPM) and set it to match the record type.
- C. If playing a 45 RPM record with a large center hole, place the 45 RPM adapter on the spindle before placing the record onto it.
- D. Ensure the turntable is stable and on a flat surface before use, and do not move the turntable during use, as this will significantly impair playback quality.

Follow these steps for playback:

1. Open the lid and place the turntable mat on the platter.

Note: Be careful not to pinch your fingers.

2. Align the center hole of the vinyl with the spindle and gently place the record on the platter.

Note: Use the 45 RPM adapter if necessary for 45 RPM records.

3. Set the speed selector to match the record (33, 45, or 78 RPM).
4. Unlock the tonearm by releasing the arm lock.
5. Push the lift lever forward to raise the tonearm from the mount.
6. Move the tonearm to the left above the turntable.
7. Push the lift lever backward to lower the stylus onto the record, and playback will begin.
8. To pause playback, push the lift lever forward to raise the tonearm.
9. Once the playback is finished, the tonearm will stop moving. Push the lift lever forward to raise the tonearm, then gently move it to the tonearm rest, then push the lift lever backward to lower the tonearm onto the rest.

Note:

Lock the tonearm onto the rest when not in use.

Close the lid to prevent dust and other debris from entering the turntable.

Never place anything on the turntable, especially while playing records.

Avoid playing dirty or damaged records.

2.2.2 Bluetooth Mode (Bluetooth Output)

① While playing a record, press the Bluetooth button to enable Bluetooth mode. The status indicator will flash blue, and the turntable will enter pairing mode.

② Turn on the Bluetooth feature of your external Bluetooth device and set it to pairing mode. The turntable will automatically begin searching for nearby Bluetooth devices (effective range: 10m).

③ Once paired, the status indicator will light up red. (If connecting via AUX, the indicator will be purple once paired.)

(**Note:** Typically, external Bluetooth speakers do not require a pairing code. The turntable can connect successfully on its own and will announce the successful connection through the external Bluetooth speaker.)

④ Play the record, and the music will be transmitted to your Bluetooth speaker.

⑤ To disconnect, you have three options:

A. Turn off the external Bluetooth device, and the turntable will automatically search and pair again.

B. Press and hold the Bluetooth button to exit Bluetooth transmission.

C. Press the FUNC button to switch to another mode.

Press the Bluetooth button to disconnect; if the external Bluetooth device is still on, it will reconnect automatically.

Note during operation:

Both Record and AUX playback support Bluetooth transmission, and the operation method is the same.

3 Wired Connection Modes

3.1 Headphone Mode

① The 3.5mm headphone jack is located on the back of the turntable. Insert headphones to listen to the music from the record.

② Always set the volume to the lowest level before inserting the headphones to avoid hearing damage.

Note:

① When using headphones, sound will always be directed to the headphones, and external Bluetooth devices will continue to play as usual.

② Ensure you select headphones with appropriate length and impedance to achieve optimal listening quality.

3.2 AUX IN Mode

You can connect the turntable to external audio devices using an AUX cable, then listen through Bluetooth or headphones. Follow these steps:

① Insert one end of the AUX cable (not included) into the AUX IN jack on the back of the turntable, and the other end into the AUX OUT port of the external device.

② Turn on the turntable (red light will stay on), press the FUNC button to switch to AUX IN mode (status indicator will turn purple). (Note: After switching successfully, the turntable's vinyl playback mode is disabled.)

③ Then, reconnect the turntable with the external device (you can also plug in a 3.5mm headphone). If you want to listen via Bluetooth, refer to the Bluetooth mode instructions above.

④ Finally, play the music on the external source, and you'll hear the music through your device or headphones.

Note: AUX does not work while the turntable is in Vinyl or Bluetooth mode. Ensure the turntable is switched to AUX IN mode for proper operation.

3.3 Line Out Mode

By connecting an external audio player to the Line OUT audio output jack on the back of the turntable, you can listen to the music on the record.

① Turn on the device and first set the volume to a lower level. Insert the white and red RCA connectors from the Line OUT cable into the corresponding ports on the back of the turntable, and connect the other end to an amplifier.

Note: Ensure the white and red connectors are inserted into the correct color-coded ports.

② Follow the standard vinyl playback procedure to play records, and adjust the volume from the amplifier.

4 Daily Maintenance

① After use, always return the vinyl to its protective sleeve instead of staying on the turntable.

② After use, return the tonearm to the rest position and secure the tonearm lock. Replace the protective PU leather mat and cover the stylus with the protective shield.

③ Unplug the power supply and all connecting cables, and store the turntable in its original packaging.

Note: The stylus is a delicate and sensitive component. To avoid damage, ensure the turntable remains stable during use and never clean the stylus manually.

CAUTION

Unauthorized modification and adjustment

Changes or modifications not expressly approved by the party responsible for compliance may void the user's authority granted by the local government radio management departments to operate this radio and should not be made. To comply with the corresponding requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the local government radio management departments equipment authorization for this radio could violate the rules.

FCC compliance information

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.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device. 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.

IC/ISED compliance information

Licence-exempt radio apparatus

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage;
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This device has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

CE

- (Simple EU declaration of conformity) RETEKESS declares that the equipment type is in compliance with the essential requirements and other relevant provisions of RED Directive 2014/53/EU , the ROHS

Directive 2011/65/EU and the WEEE Directive 2012/19/EU; the full text of the EU declaration of conformity is available at the following internet address: www.retekes.com.



Disposal

The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that all electrical and electronic products, batteries, and accumulators must be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws and rules in your area.

g

Electromagnetic Interference/Compatibility

Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility. During transmissions, your radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so, such as hospitals or health care facilities.

Protect your hearing



- Use the lowest volume necessary to do your job. Turn up the volume only if you are in noisy surroundings.
- Limit the amount of time you use headsets or earpieces at high volume.
- When using the radio without a headset or earpiece, do not place the radio's speaker directly against your ear.

- Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss

Note: Exposure to loud noises from any source for extended periods of time may temporarily or permanently affect your hearing. The louder the radio's volume, the less time is required before your hearing could be affected. Hearing damage from loud noise is sometimes undetectable at first and can have a cumulative effect.

WARNING:CHOKING HAZARD–Small Parts. Not suitable for children under 3 years old.



Authorized Accessories List

- Turn off your device before removing or installing accessory.
- For a list of RETEKESS-approved accessories for your radio model, visit the website:

<http://www.retekess.com>

FCC RF Exposure Warning Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

Guarantee

Model Number: _____

Serial Number: _____

Purchasing Date: _____

Dealer: _____ Telephone: _____

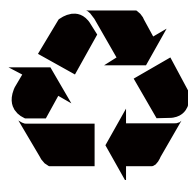
User's Name: _____ Telephone: _____

Country: _____ Address: _____

Post Code: _____ Email: _____

Remarks:

- 1.This guarantee card should be kept by the user, no replacement if lost.
 - 2.Most new products carry a two-year manufacturer's warranty from the date of purchase.
 - 3.The user can get warranty and after-sales service as below:
 - Contact the seller where you buy.
 - Products Repaired by Our Local Repair Center
 - 4.For warranty service, you will need to provide a receipt proof of purchase from the actual seller for verification
- Exclusions from Warranty Coverage:
- 1.To any product damaged by accident.
 - 2.In the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs.
 - 3.If the serial number has been altered, defaced, or removed.



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