
TURNTABLE AUDIO SYSTEM



MODEL: RP-TT70

USER MANUAL

**PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING THIS
UNIT AND RETAIN THIS BOOKLET FOR FUTURE REFERENCE.**

WARNING

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



The rating plate is located at the back panel of the apparatus.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near 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 product heat.
9. AC adaptor is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the AC adaptor should be disconnected from the mains socket outlet completely.
10. Only use attachments/accessories specified by the manufacturer.
11. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
12. Unplug the AC adaptor of this apparatus during lightning storms or when unused for a long period of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as AC adaptor cord or enclosure 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.
14. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on the apparatus.
15. Do not overload wall outlet. Use only power source as indicated.
16. Use replacement part as specified by the manufacturer.
17. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.



18. Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
19. Object and Liquid Entry - Never push objects of any kind into this product 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.
20. Damage Requiring Service - Unplug the AC adaptor of this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the AC adaptor is damaged,
 - b) If liquid has been spilled, or objects have fallen into the product,
 - c) If the product has been exposed to rain or water,
 - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - e) If the product has been dropped or damaged in any way, and
 - f) When the product exhibits a distinct change in performance - this indicates a need for service.
21. Excessive sound pressure from earphones and headphones can cause hearing loss.
22. Minimum distances of 4 inches around the apparatus for sufficient ventilation.
23. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
24. No open flame sources, such as lit candles, should be placed on the product.
25. The apparatus should be used in moderate climates.

SAVE THESE INSTRUCTIONS

COMPLIANCE WITH FCC REGULATIONS

FCC ID: LMZ-RP-TT70

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.

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 equipment complies with radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC Statement

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; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC: " before the certification/registration number only signifies that the Industry Canada technical specifications were met. This product meets the applicable Industry Canada technical specifications.

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. L'exploitation est autorisée aux deux conditions suivantes : (1) L'appareil ne doit pas produire de brouillage, et (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

PROTECT YOUR FURNITURE!!

The turntable and speaker boxes of this system are equipped with non-skid rubber 'feet' to prevent the them from moving when you operate the controls and while playing. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture.

To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the turntable and speaker boxes on fine wooden furniture.

CUSTOMER

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.
- Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening for a Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise.




Customer's Record:

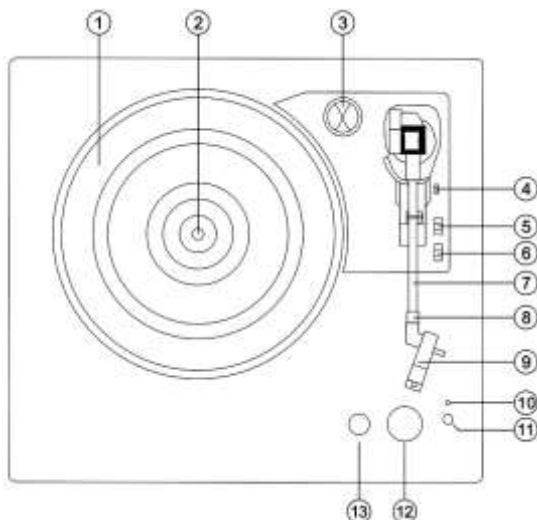
The serial number of this system can be found on the back cabinet of the turntable unit. You should note the serial number in the space provided as a permanent record of your purchase to aid in identification in the event of theft or loss.

LOCATION OF CONTROLS

MAIN UNIT

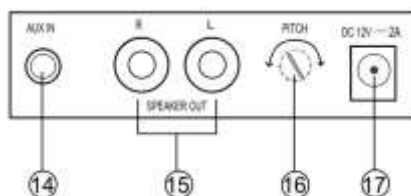
TOP PANEL

1. TURNTABLE PLATTER
2. TURNTABLE SHAFT
3. 45 RPM ADAPTOR
4. TONE ARM LIFT LEVER
5. AUTO STOP ON/OFF SELECTOR
6. 33/45/78 RPM SELECTOR
7. TONE ARM
8. TONE ARM LATCH
9. STYLUS CARTRIDGE
10. POWER/FUNCTION INDICATOR
11. STEREO HEADPHONE JACK
12. POWER/VOLUME CONTROL
13. FUNCTION SELECTOR (PHONO / AUX IN /  IN)



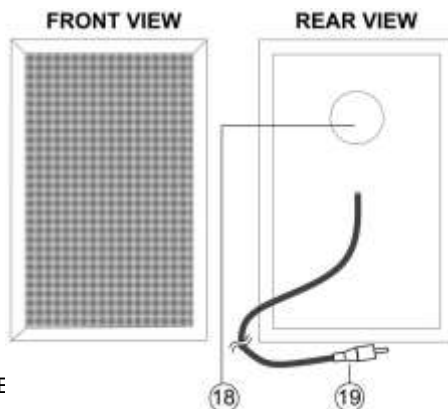
BACK PANEL

14. AUX IN JACK
15. SPEAKER OUTPUT JACKS (R/L)
16. PITCH CONTROL
17. DC IN JACK



SPEAKER UNITS

18. BASS REFLEX PORT
19. SPEAKER CONNECTOR (RCA PLUG)



SETTING UP THE SYSTEM

The RP-TT70 system is powered by an external AC adaptor with an output of DC 12V  2A .

POWER CONNECTION

1. Connect the cord of the power adaptor to the DC IN JACK (#17) located on the back panel of the main unit.
2. Plug the AC adaptor into a household 120V~ 60Hz AC wall socket.

CONNECTING THE SPEAKERS

The wires attached to the speakers have RCA type SPEAKER CONNECTORS (#19) on the ends for easy connection. Plug the speaker you place on the right side of the turntable into the red color coded SPEAKER OUTPUT JACK (R) on the back of the main unit. Plug the speaker you place on the left side of the turntable into the white color coded SPEAKER OUTPUT JACK (L) on the back of the main unit.

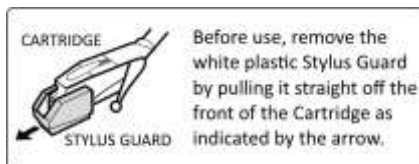
TURNING THE MAIN UNIT OFF AND ON

When the POWER/VOLUME CONTROL (#12) is fully rotated counter-clockwise, you will hear a click sound and the POWER/FUNCTION INDICATOR (10) will turn off confirming the power is OFF. From the OFF position, rotate the POWER/VOLUME CONTROL (#12) clockwise and you will hear a click sound again and the POWER/FUNCTION INDICATOR (10) will turn on confirming the power is ON. When the power is ON, you can rotate the control normally to adjust the volume of the music playing.

PHONO OPERATION

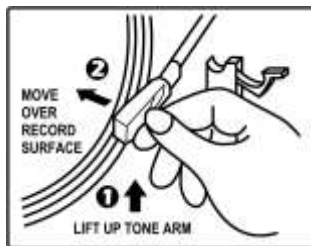
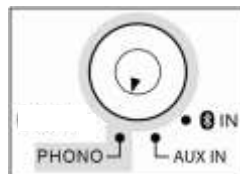
CARE OF THE TONE ARM AND STYLUS

- Remove the white plastic stylus guard from the cartridge.
- Be sure that the TONE ARM (#7) is unlocked and free to move away from the Tone Arm Rest prior to operating.
- Lock the TONE ARM (#7) in place with the TONE ARM LATCH (#8) when not in use.



PLAYING A RECORD

1. Rotate the FUNCTION SELECTOR (#13) to PHONO mode.
2. Rotate the POWER/VOLUME CONTROL (#12) clockwise to turn the unit ON. A click sound will be heard and the POWER/FUNCTION INDICATOR (#10) will light "red".
3. Raise the Turntable Dust Cover.
4. Place a record on the TURNTABLE PLATTER (#1), use the 45 RPM ADAPTOR (#3) if required.
5. Set the 33/45/78 RPM SELECTOR (#6) to the proper position depending on the record to be played.
6. Raise the TONE ARM (#7) from the Tone Arm Rest by using the TONE ARM LIFT LEVER (#4) and slowly move it over the record. The TURNTABLE PLATTER (#1) will start to rotate.



7. Place the TONE ARM (#7) over the part of the record you want to play, and lower the TONE ARM (#7) using TONE ARM LIFT LEVER (#4). The TONE ARM will automatically lower onto the record and begin playing.
8. Slowly adjust the output volume to the desired level.
9. At the end of the record, the platter will automatically stop spinning if the AUTO STOP ON/OFF SELECTOR (#5) remains in the "ON" position. Lift the TONE ARM (#7) away from the record surface and return it to the Tone Arm Rest.
10. To stop playing manually, lift the TONE ARM (#7) from the record surface using the TONE ARM LIFT LEVER (#4) while playing and return it to the Tone Arm Rest directly.

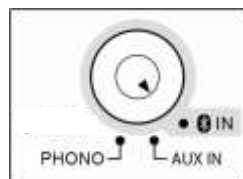
Notes:

- The PITCH CONTROL (#16) allows you to fine tune the playing speed of the record once the correct speed (33/45/78 RPM) is chosen. Rotate the PITCH CONTROL to slightly increase or decrease the speed of the turntable if necessary.
- Certain types of records may have an auto-stop area outside the preset limit, so the turntable may stop before the last track finishes. If this occurs, set the AUTO STOP ON/OFF SELECTOR (#5) to the "OFF" position. This allows the record to play to the end, but please note that it will not stop automatically. You must manually lift the TONE ARM (#7) and place it back on the Tone Arm Rest and then set the AUTO STOP ON/OFF SELECTOR (#5) to the "ON" position to stop the turntable from spinning.
- To stream your record music to external Bluetooth speakers (not included), see the BLUETOOTH OUT OPERATION section.

BLUETOOTH IN OPERATION

An external device with Bluetooth Connectivity, like a cell phone, can be wirelessly connected to the RP-TT70 system using the Bluetooth IN function.

1. Rotate the FUNCTION SELECTOR (#13) to select the **IN** mode.
2. Rotate the POWER/VOLUME CONTROL (#12) clockwise to turn the unit ON. A click sound will be heard and the POWER/FUNCTION INDICATOR (#10) will light "blue" and begin to flash.
3. Turn on the Bluetooth feature of your Bluetooth device and enable the search or scan function to find the "RP-TT70" under the available device list.
4. Select "RP-TT70" from the device list when it appears on your device's screen. If required, enter the pass code "0000" to pair (link) the "RP-TT70" with your device.
5. Once connected, the POWER/FUNCTION INDICATOR (#10) will stop flashing and remain lit "blue".
6. You are now connected to your external Bluetooth device.
7. Rotate the POWER/VOLUME CONTROL (#12) and/or the volume control on your Bluetooth device to adjust the sound level.



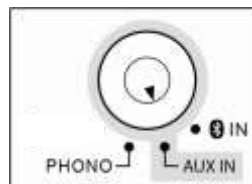
Notes:

1. Refer to the manual of your cell phone, tablet PC, computer or other Bluetooth enabled devices for correct Bluetooth operation since it may vary from model to model.
2. If your Bluetooth enabled device does not support A2DP profile, it will not play the music through the speaker, even if correctly paired (linked).
3. Remember to turn OFF the RP-TT70 system when you have finished listening.

AUX IN OPERATION

The RP-TT70 system provides an AUX IN JACK (#14) for connecting external audio devices like MP3 players, CD players, smart phones and iPods (except iPod shuffle 3rd generation) to listen to your external source through the speakers of this system.

1. You need an audio cable (not included) with one 3.5 mm stereo plug on each end of the cable.
2. Plug one end of the cable into the AUX IN JACK (#14) located on the rear panel of the unit and the other end of the cable into the Line-out Jack or Headphone Jack of your external audio device.
3. Turn on the external audio device.
4. Rotate the FUNCTION SELECTOR (#13) to select the AUX IN mode.
5. Rotate the POWER/VOLUME CONTROL (#12) clockwise to turn the unit ON. A click sound will be heard and the POWER/FUNCTION INDICATOR (#10) will light "purple".
6. Use the POWER/VOLUME CONTROL (#12) on the unit to adjust the output volume.
7. Operate all other functions on the external device as usual.



Notes:

- If you connect the Line-out Jack on your external device then you only need to adjust the volume control of this system. If you connect the Headphone Jack of your external device then you may need to adjust both the volume control of your external device and the volume control of this system to find the most desirable volume setting.
- Rotate the POWER/VOLUME CONTROL (#12) counter-clockwise until you hear a "click" sound to turn OFF the system when you have finished listening. Don't forget to switch OFF the power of your external device as well.

USING HEADPHONES

Plug your headphones (not included) into the STEREO HEADPHONE JACK (#11) on the front panel of the Turntable Unit for private listening. After plugging in the headphones, the speakers will automatically be disconnected.

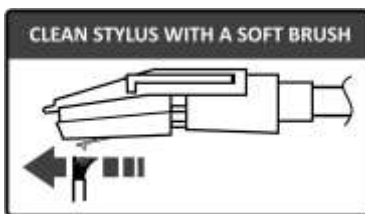
⚠ WARNING : ALWAYS LOWER THE VOLUME LEVEL BEFORE PUTTING ON YOUR HEADPHONES, OTHERWISE YOUR HEARING COULD BE DAMAGED.

CARE AND MAINTENANCE

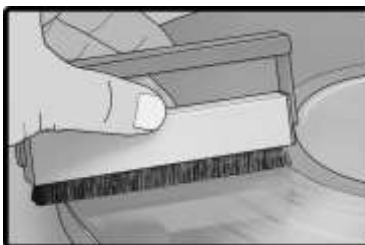
RECORD CARE AND MAINTENANCE

To ensure the best sound and the least amount of wear on your records, it's essential that they are kept clean. Make sure your records, especially older ones are sufficiently cleaned prior to playing them. Thoroughly clean dust off the stylus and record regularly.

- Use a soft brush to clean the stylus. Brush from the base to the tip as shown below.





- For records with only light amounts of dust, we recommend brushing them off with a carbon fiber brush or velvet pad before playing them. Use a good quality record cleaner and brush set to keep your records clean. Carbon fiber brushes, velvet pads and record cleaning kits are available online or in local record stores.



- Using a mild dish soap and warm water for washing your records will also help remove excess dirt and dust that builds up over the years. Use a microfiber cloth when washing and wiping off any excess water from the record once they have been cleaned.

Note: Remember, the best cleaning in the world just removes all the dust and dirt. Some records will have scratches and groove wear. No amount of cleaning will fix this. So after cleaning, some records may sound “perfect” and others may not.

SPECIFICATIONS

AC/DC Adaptor	Input: AC 100-240V ~, 50/60Hz, 0.8A
	Output: DC 12V  2A 
Bluetooth Version	v4.2+EDR
Rated Audio Output Power	2 x 10Wrms
Speaker Ratings	4 ohms, 10W

* Design and specifications are subject to change without notice.

TROUBLESHOOTING GUIDE

SYMPTOM	POSSIBLE CAUSE	POSSIBLE SOLUTION
Power does not come on	AC adaptor is not securely connected to household AC outlet.	Reconnect the AC adaptor.
No sound	Power/Volume Control is fully turned down or main unit is Off.	Rotate the Power/Volume Control to the right for a "click" sound to turn On the main unit and increase the volume output level.
Sound is distorted	Volume level is set too high.	Decrease the volume.
	Sound source is distorted.	Try a different audio source such as a good unscratched record or MP3 music through the AUX IN and BT sources.