

## Thorens TD-235

# Thorens TD-235 Semi-automatic Turntable User Manual

Model: TD-235

## 1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Thorens TD-235 Semi-automatic Turntable. Please read these instructions carefully before using your turntable to ensure optimal performance and longevity of the unit.

## 2. SAFETY INSTRUCTIONS

- Do not expose the unit to rain or moisture.
- Do not open the cabinet. Refer all servicing to qualified personnel.
- Ensure the turntable is placed on a stable, level surface away from direct sunlight, heat sources, and excessive vibration.
- Disconnect the power cord from the wall outlet if the unit will not be used for an extended period.
- Handle the stylus with care to prevent damage and ensure proper playback.

## 3. PACKAGE CONTENTS

Verify that all items listed below are present in the packaging:

- Thorens TD-235 Turntable Unit
- Dust Cover
- Platter
- Drive Belt
- Felt Mat
- Counterweight
- Anti-skating Weight

- Power Adapter
- Audio Cable (RCA)
- AT-95E Cartridge (pre-installed or separate)
- User Manual (this document)

## 4. SETUP

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### 4.1 Unpacking and Placement

Carefully remove all components from the packaging. Place the turntable on a flat, stable surface. Ensure adequate ventilation around the unit.

### 4.2 Platter and Belt Installation

1. Place the platter onto the center spindle.
2. Locate the drive belt. Carefully stretch the belt around the inner rim of the platter and then around the motor pulley. Ensure the belt is not twisted.
3. Place the felt mat on top of the platter.



Image: Top-down view of the Thorens TD-235 turntable with the dust cover closed, illustrating the assembled unit.



Image: Internal view of the Thorens TD-235 turntable with the platter removed, showing the motor and belt drive system for installation reference.

### 4.3 Cartridge and Tonearm Setup

The TD-235 typically comes with an AT-95E cartridge pre-installed. If not, carefully mount the cartridge to the headshell following the cartridge manufacturer's instructions.

1. **Counterweight Adjustment:** Slide the counterweight onto the rear of the tonearm. Adjust it until the tonearm is balanced and floats horizontally. Lock the counterweight in place.
2. **Tracking Force Setting:** Refer to the cartridge specifications (e.g., 2.0 grams for AT-95E). Rotate the numbered ring on the counterweight to the desired tracking force without moving the counterweight itself.
3. **Anti-skating Adjustment:** Attach the anti-skating weight to the small fishing line and loop it over the anti-skating rod. Set the anti-skating force to match the tracking force.



Image: Detailed view of the tonearm assembly, highlighting the cartridge, counterweight, and anti-skating system for precise adjustment.

#### **4.4 Dust Cover Installation**

Insert the hinges of the dust cover into the receptacles at the rear of the turntable plinth.

#### **4.5 Audio and Power Connections**

1. Connect the integrated RCA audio cables from the turntable to the PHONO input of your amplifier or receiver. Ensure the ground wire is connected to the ground terminal on your amplifier.
2. Connect the power adapter to the DC input on the turntable and then plug it into a wall outlet.

### **5. OPERATING INSTRUCTIONS**

## 5.1 Powering On/Off

The turntable powers on automatically when the tonearm is moved over the platter and powers off when the tonearm returns to its rest or after the record finishes playing.

## 5.2 Speed Selection

Use the speed selector switch, typically located on the front left of the plinth, to choose between 33 1/3 RPM for LPs and 45 RPM for singles. Ensure the correct speed is selected for the record you are playing.

## 5.3 Playing a Record

1. Place a record on the felt mat on the platter.
2. Unlock the tonearm from its rest.
3. Gently lift the tonearm using the cueing lever.
4. Move the tonearm over the desired starting groove of the record. The platter should begin to spin automatically.
5. Lower the cueing lever slowly to allow the stylus to descend onto the record.



Image: The Thorens TD-235 turntable with its dust cover open, ready for operation, displaying the main components.

## 5.4 Stopping Playback

When the record reaches the end of the last track, the tonearm will automatically lift and return to its rest, and the platter will stop spinning. To stop playback manually:

1. Lift the tonearm using the cueing lever.
2. Gently guide the tonearm back to its rest.
3. Lower the cueing lever.
4. Lock the tonearm in its rest position. The platter should stop spinning shortly after.

## 6. MAINTENANCE

### 6.1 Cleaning the Stylus

Regularly clean the stylus using a soft brush designed for stylus cleaning, brushing gently from back to front. A dirty stylus can degrade sound quality and damage records.

### 6.2 Cleaning Records

Keep your records clean to prevent dust and debris from accumulating on the stylus. Use a carbon fiber brush or a record cleaning solution and cloth before each play.

### 6.3 Cleaning the Turntable

Wipe the plinth and dust cover with a soft, dry, lint-free cloth. For stubborn marks, a slightly damp cloth can be used, followed by a dry cloth. Avoid harsh chemicals or abrasive cleaners.

### 6.4 Drive Belt Replacement

The drive belt may stretch or degrade over time, affecting speed stability. Replace the belt if you notice inconsistent speed or if it appears worn. Refer to section 4.2 for installation.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or low volume	Incorrect amplifier input, loose connections, damaged stylus/cartridge.	Ensure RCA cables are securely connected to the PHONO input. Check ground wire. Inspect stylus for damage.
Distorted sound	Dirty stylus, incorrect tracking force/anti-skating, damaged record.	Clean stylus. Re-adjust tracking force and anti-skating. Try a different record.
Incorrect playback speed	Wrong speed selected, worn drive belt.	Verify speed selector switch. Inspect and replace drive belt if necessary.
Platter does not spin automatically	Tonearm not moved far enough over platter, power issue.	Ensure tonearm is moved fully over the record area. Check power connection.
Automatic stop/return not working	Mechanism obstruction, internal issue.	Ensure no physical obstructions. If problem persists, contact Thorens support.

## 8. SPECIFICATIONS

- **Model:** Thorens TD-235
- **Type:** Semi-automatic Turntable
- **Motor Type:** DC Motor
- **Speeds:** 33 1/3, 45 RPM
- **Cartridge:** AT-95E (included)
- **Signal Format:** Analog




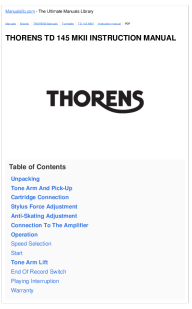


- **Signal-to-Noise Ratio:** 72 dB
- **Power Source:** Corded Electric
- **Product Dimensions:** 16.14 x 13.39 x 5.12 inches (410 x 340 x 130 mm)
- **Item Weight:** 14.77 pounds (6.7 kg)
- **Manufacturer:** Thorens



## 9. WARRANTY AND SUPPORT

Thorens products are covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Thorens website for detailed warranty terms and conditions. For technical support or service inquiries, please contact your authorized Thorens dealer or the Thorens customer service department.

For further assistance, you may visit the official Thorens website: [www.thorens.com](http://www.thorens.com)

### Related Documents - TD-235

 <p>TD 204 THORENS</p>	<p><a href="#">Thorens TD 204 User Guide</a></p> <p>Comprehensive user guide for the Thorens TD 204 turntable, covering setup, operation, maintenance, and technical specifications.</p>
 <p>THORENS TD 145 MKII INSTRUCTION MANUAL</p> <p>THORENS</p> <p>Table of Contents</p> <ul style="list-style-type: none"> <li>Unpacking</li> <li>Tone Arm and Pick-Up</li> <li>Cartridge Connection</li> <li>Stylus Force Adjustment</li> <li>Anti-Skating Adjustment</li> <li>Connection To The Amplifier</li> <li>Operation</li> <li>Speed Selection</li> <li>Start</li> <li>Tone Arm Lift</li> <li>Stop/Record Switch</li> <li>Playing Interruption</li> <li>Warranty</li> </ul>	<p><a href="#">Thorens TD 145 MKII Turntable Instruction Manual</a></p> <p>Comprehensive instruction manual for the Thorens TD 145 MKII turntable, covering unpacking, setup, operation, and warranty information.</p>
 <p>THORENS</p> <p>BEDIENUNGSANLEITUNG INSTRUCTION MANUAL MODE D'EMPLOI</p> <p>TD 320 TD 321</p>	<p><a href="#">Thorens TD 320 Turntable User Manual</a></p> <p>Comprehensive user manual for the Thorens TD 320 turntable, covering setup, operation, maintenance, and warranty information. Learn how to get the best performance from your Thorens audio equipment.</p>
 <p>THORENS</p> <p>BEDIENUNGSANLEITUNG INSTRUCTION MANUAL MODE D'EMPLOI</p> <p>TD 147</p>	<p><a href="#">THORENS TD 147 Turntable Instruction Manual</a></p> <p>Comprehensive instruction manual for the THORENS TD 147 turntable, covering unpacking, assembly, cartridge setup, operation, technical specifications, and warranty information.</p>

	<p><a href="#">Thorens TD 1600 / TD 1601 - TP 160 User Guide</a></p> <p>Comprehensive user guide for the Thorens TD 1600 and TD 1601 turntables, covering setup, operation, tonearm adjustment, and technical specifications. Learn how to get the best performance from your Thorens record player.</p>
	<p><a href="#">Thorens TD 1600 / TD 1601 - TP 160 User Guide</a></p> <p>Comprehensive user guide for the Thorens TD 1600 and TD 1601 turntables with TP 160 tonearm. Learn about setup, operation, and maintenance for optimal performance.</p>