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- › [Lunar](#) /
- › [Lunar Turntable Belt Instruction Manual for Innovative Technologies Model ITRR-501](#)

Lunar ITRR-501

Lunar Turntable Belt Instruction Manual

For Innovative Technologies Model ITRR-501

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Lunar Turntable Belt. This replacement belt is specifically designed for use with the Innovative Technologies Model ITRR-501 turntable. Please read these instructions carefully to ensure proper installation and optimal performance of your audio equipment.

PRODUCT OVERVIEW

The Lunar Turntable Belt is a precision-engineered flat rubber belt designed to transmit rotational motion from the motor to the turntable platter. Its specific dimensions ensure compatibility and reliable performance with the Innovative Technologies Model ITRR-501, restoring the correct playback speed for your vinyl records.

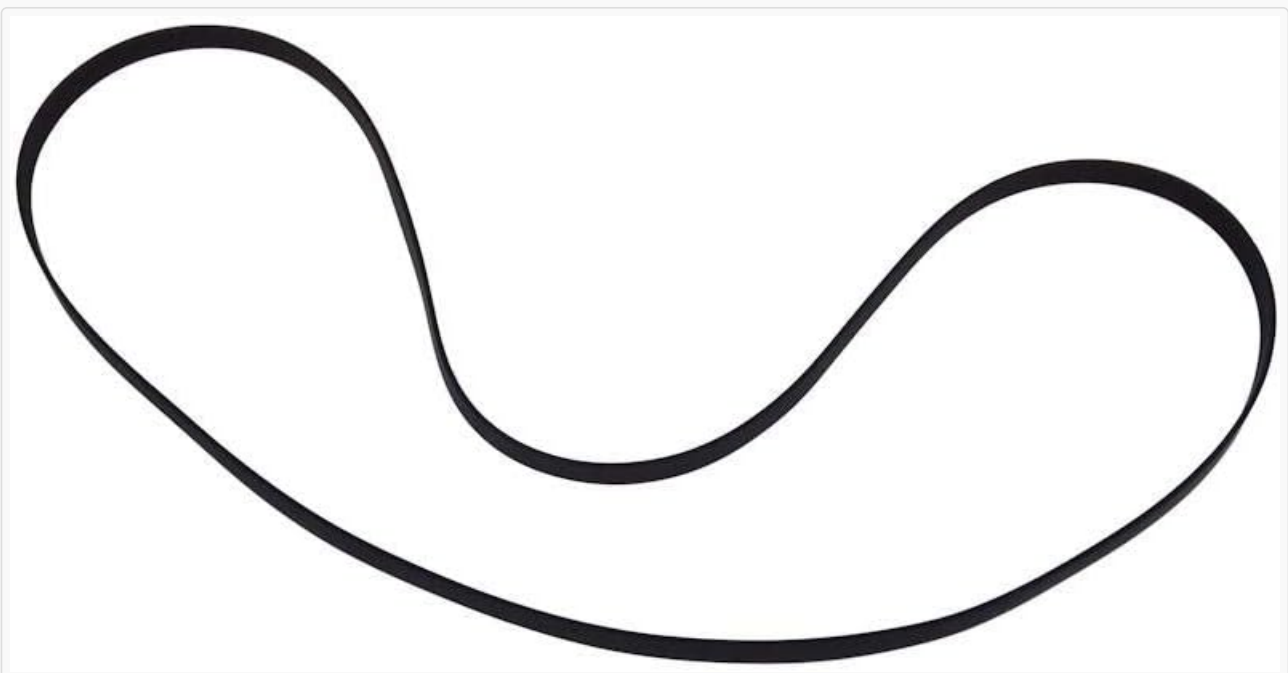


Image: The Lunar Turntable Belt, a black flat rubber belt, shown in a relaxed, wavy configuration. This belt is designed for precise fit

INSTALLATION

Replacing a turntable belt requires careful handling. It is recommended to consult your turntable's original service manual or a reputable online resource for specific disassembly instructions for the Innovative Technologies Model ITRR-501, as accessing the belt mechanism can be intricate.

1. **Preparation:** Disconnect the turntable from its power source. Remove any dust cover, platter mat, and the turntable platter itself. Note that removing the platter on the ITRR-501 may require detaching and tilting the entire apparatus due to its cabinet design. Proceed with caution to avoid damage.
2. **Remove Old Belt:** Carefully remove the old, worn, or broken belt from the motor pulley and the inner rim of the platter.
3. **Clean Surfaces:** Gently clean the motor pulley and the inner rim of the platter with a lint-free cloth and isopropyl alcohol to remove any residue from the old belt. This ensures optimal grip for the new belt.
4. **Install New Belt:** Place the new Lunar Turntable Belt around the motor pulley. Then, stretch the belt carefully around the inner rim of the turntable platter. Ensure the belt is seated evenly and without twists.
5. **Reassemble:** Carefully place the turntable platter back onto its spindle. Ensure it rotates freely and the belt remains properly seated. Reattach any components removed during disassembly.
6. **Test:** Reconnect the turntable to power and test its operation at various speeds to confirm the belt is functioning correctly.

OPERATION

Once installed, the turntable belt facilitates the smooth and consistent rotation of the platter, which is essential for accurate audio playback. Ensure the turntable is placed on a stable, level surface to prevent vibrations that could affect belt performance and sound quality.

MAINTENANCE

- **Regular Inspection:** Periodically inspect the belt for signs of wear, stretching, cracking, or deterioration. A worn belt can lead to inconsistent playback speed.
- **Cleanliness:** Keep the belt and surrounding areas free from dust and debris. Dust can accumulate on the belt and pulley, affecting grip and potentially causing speed fluctuations.
- **Avoid Contaminants:** Do not expose the belt to oils, greases, or harsh chemicals, as these can degrade the rubber material.
- **Storage:** If the turntable is to be stored for an extended period, it is advisable to remove the belt to prevent it from stretching or deforming under tension.

TROUBLESHOOTING

Turntable Not Spinning or Spinning Slowly

- **Check Belt Placement:** Ensure the belt is correctly seated on both the motor pulley and the inner rim of the platter, without any twists.
- **Belt Condition:** Inspect the belt for damage. If it is stretched, cracked, or broken, it will need replacement.
- **Motor Function:** Verify that the turntable motor is receiving power and attempting to spin. If the motor is not moving at all, the issue may not be belt-related.

Inconsistent Playback Speed (Wow and Flutter)

- **Belt Wear:** A worn or stretched belt can cause speed inconsistencies. Replace the belt if it shows signs of wear.
- **Cleanliness:** Ensure the belt and pulley surfaces are clean and free of debris that could interfere with smooth rotation.
- **Platter Bearing:** Check if the platter bearing is clean and lubricated according to your turntable's service instructions.

SPECIFICATIONS

| Feature | Detail |
|-------------------------------------|----------------------------------------------------|
| Brand | Lunar |
| Compatible Devices | Turntable (Innovative Technologies Model ITRR-501) |
| Belt Style | Flat Belt |
| Material | Rubber |
| Product Dimensions (Length x Width) | 21.4" L x 0.2" W (54.4 cm L x 4.8-5.2 mm W) |
| Item Weight | 0.352 ounces |
| Manufacturer Model Number | GEN-FBM-21-4-M304 |
| ASIN | B0174DFTRE |

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Lunar Turntable Belt, please refer to the documentation provided with your purchase or contact the retailer. For issues related to the Innovative Technologies Model ITRR-501 turntable itself, please consult the manufacturer's support channels for that specific device.

