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AT 4330367149

AT Turntable Cartridge and Stylus

INSTRUCTION MANUAL

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1. Introduction

This manual provides instructions for the installation, operation, and maintenance of your AT turntable cartridge and stylus, model 4330367149. This high-quality Audio-Technica product is designed to deliver excellent sound reproduction for your vinyl records. It is compatible with JVC AL-FQ555BKX and L-E33 turntable models.

2. Setup and Installation

Proper installation of the cartridge and stylus is crucial for optimal performance and to prevent damage to your records. Always handle the stylus with care.

2.1 Unpacking the Components

Carefully remove the cartridge, stylus, fixing bolt, and stylus guard from their packaging. Ensure all components are present and undamaged.



Image 1: The AT turntable cartridge, shown with its clear protective stylus guard and a fixing bolt. The cartridge is black with "audio-technica JAPAN" printed on it.

2.2 Installing the Stylus

1. Gently hold the cartridge body.
2. Align the new stylus with the front of the cartridge. The stylus typically slides into a slot on the cartridge body.
3. Press firmly but carefully until the stylus clicks securely into place. Avoid touching the needle tip.



Image 2: A close-up of the green replacement stylus, showing the delicate needle assembly. This component is designed to be easily replaceable.

2.3 Mounting the Cartridge to the Headshell

Refer to your turntable's specific instruction manual for detailed guidance on mounting the cartridge to the headshell. Generally, this involves:

- Connecting the four color-coded wires from the headshell to the corresponding pins on the back of the cartridge (Red for Right+, Green for Right-, White for Left+, Blue for Left-).
- Securing the cartridge to the headshell using the provided fixing bolt and nut. Ensure it is firmly attached but do not overtighten.
- Adjusting the cartridge alignment (overhang, azimuth, vertical tracking angle) according to your turntable's specifications for optimal sound and minimal record wear.

2.4 Setting Tracking Force (Downforce)

The recommended tracking force for this cartridge is **1.0-1.5 grams**. Use a tracking force gauge to set this accurately. Incorrect tracking force can lead to poor sound quality and accelerated record or stylus wear.

3. Operation

Once installed and properly adjusted, your AT cartridge and stylus are ready for use. Always ensure your records are clean before playing.

- Place a record on the turntable platter.
- Remove the stylus guard from the cartridge.
- Carefully lower the tonearm, allowing the stylus to gently rest in the lead-in groove of the record.

- At the end of playback, lift the tonearm and return it to its rest. Replace the stylus guard when the turntable is not in use.

4. Maintenance

Regular maintenance will prolong the life of your stylus and ensure consistent sound quality.

4.1 Stylus Cleaning

Dust and debris can accumulate on the stylus tip, affecting sound quality. Clean the stylus regularly using a soft brush designed for stylus cleaning. Always brush from back to front, never side to side, to avoid damaging the cantilever.

4.2 Stylus Replacement

The stylus is a consumable part and will wear out over time, typically after 500-1000 hours of playback, depending on care and record condition. A worn stylus can damage your records. This product includes a spare stylus for your convenience. To replace, gently pull the old stylus forward and down from the cartridge body, then insert the new stylus as described in Section 2.2.

5. Troubleshooting

If you experience issues, consult the following common troubleshooting steps:

Problem	Possible Cause	Solution
No sound or very low sound	Incorrect wiring, amplifier input selection, or damaged stylus.	Check cartridge wiring to headshell. Ensure amplifier is set to "Phono" input. Inspect stylus for damage; replace if necessary.
Distorted or muffled sound	Dirty stylus, incorrect tracking force, or improper cartridge alignment.	Clean stylus. Verify tracking force (1.0-1.5g). Check cartridge alignment.
Skipping or jumping	Incorrect tracking force, damaged stylus, or dirty/damaged record.	Adjust tracking force. Inspect stylus for damage. Clean record thoroughly.
Humming noise	Grounding issue, proximity to electrical interference.	Ensure turntable is properly grounded to amplifier. Move turntable away from other electronics.

6. Specifications

The following are the technical specifications for your AT cartridge and stylus:

- **Frequency Response:** 20-22,000 Hz
- **Channel Separation:** > 22dB at 1kHz
- **Recommended Tracking Force (Downforce):** 1.0-1.5 grams
- **Manufacturer:** Audio-Technica
- **Product Model Number:** 4330367149
- **Compatibility:** JVC AL-FQ555BKX, JVC L-E33 Turntables

7. Warranty and Support

For specific warranty information, please refer to the documentation included with your product packaging or visit the official Audio-Technica website. If you require technical assistance or have questions not covered in this manual, please contact Audio-Technica customer support.

Online Resources: www.audio-technica.com

