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› AudioOrigin Turntable Cartridge and Stylus Instruction Manual

AudioOrigin 4330368629

AudioOrigin Turntable Cartridge and Stylus Instruction Manual

Model: 4330368629

For SANYO DCX891, DCX900MD, ST09D, DCX901, TP1024, TP740, TPX1S, TPX1, TPX2, PLUSQ25, PLUSQ40, PLUSQ50, PLUSQ60

1. INTRODUCTION AND OVERVIEW

This manual provides instructions for the installation, operation, and maintenance of your AudioOrigin Moving Magnet Cartridge and Stylus. This high-quality cartridge is designed to deliver excellent, warm sound and is compatible with a range of vintage SANYO turntables.

The package includes the cartridge, a spare stylus, a stylus guard, and brass mounting bolts for improved isolation and mass.



Image 1: The AudioOrigin Moving Magnet Cartridge shown with its included brass mounting bolts and clear stylus guard.

Compatible SANYO Models:

- DCX-891
- DCX-900MD
- ST-09D
- DCX-901
- TP-1024
- TP-740
- TP-X1S
- TP-X1
- TP-X2

- PLUS-Q25
- PLUS-Q40
- PLUS-Q50
- PLUS-Q60

2. SETUP AND INSTALLATION

Proper installation of the cartridge is crucial for optimal sound quality and stylus longevity. Always handle the cartridge and stylus with care to avoid damage.

1. **Preparation:** Ensure your turntable is powered off and unplugged. If replacing an old cartridge, carefully remove it.
2. **Stylus Guard:** Keep the stylus guard on the new cartridge during installation to protect the delicate stylus tip.
3. **Wire Connections:** Connect the four color-coded wires from your tonearm to the corresponding pins on the back of the cartridge.
 - Red (R+): Right channel positive
 - Green (R-): Right channel ground
 - White (L+): Left channel positive
 - Blue (L-): Left channel ground

Ensure connections are firm but do not apply excessive force.

4. **Mounting:** Using the provided brass mounting bolts, carefully attach the cartridge to the headshell of your turntable's tonearm. Ensure it is securely fastened but do not overtighten.
5. **Alignment and Tracking Force:** Refer to your turntable's instruction manual for specific guidance on cartridge alignment (overhang, azimuth) and setting the tracking force. The recommended downforce for this cartridge is 2.5-3.5 grams. Proper alignment and tracking force are essential for accurate playback and to prevent record wear.
6. **Anti-Skate:** Adjust your turntable's anti-skate setting according to its manual and the tracking force you have set.
7. **Final Check:** Once installed, carefully remove the stylus guard. Double-check all connections and settings before powering on your turntable.



Image 2: A detailed view of the cartridge, highlighting the four connection pins and the mounting screw holes.

3. OPERATING INSTRUCTIONS

Once installed and properly set up, operating your turntable with the AudioOrigin cartridge is straightforward.

- **Record Placement:** Place your vinyl record carefully on the turntable platter.
- **Cueing:** Use the tonearm lift (cueing lever) to gently lower the stylus onto the record's lead-in groove or desired track. Avoid dropping the tonearm directly onto the record, as this can damage both the stylus and the record.
- **Playback:** Allow the record to play. The cartridge will convert the grooves' vibrations into electrical signals, which your amplifier will then process into sound.

- **Ending Playback:** At the end of the record, or when you wish to stop playback, use the cueing lever to lift the tonearm. Return the tonearm to its rest and engage the tonearm clip.
- **Stylus Guard:** For extended periods of non-use, it is recommended to re-attach the stylus guard to protect the stylus from accidental damage or dust accumulation.

4. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your cartridge and stylus.

Stylus Cleaning:

Dust and debris can accumulate on the stylus tip, leading to distorted sound and increased record wear. Clean the stylus regularly, ideally before each listening session or after every few plays.

- Use a dedicated stylus cleaning brush or fluid.
- Brush gently from back to front (from the base of the cantilever towards the stylus tip). Never brush side-to-side or front-to-back, as this can damage the cantilever.
- For stubborn dirt, a small drop of stylus cleaning fluid can be applied to the brush.



Image 3: A close-up view of the stylus, emphasizing the delicate tip that requires careful handling and cleaning.

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 and degrade sound quality. This product includes a spare stylus for your convenience.

- To replace, gently pull the old stylus assembly straight forward from the cartridge body.
- Align the new stylus assembly with the cartridge body and gently push it straight back until it clicks securely into place.
- Always handle the stylus assembly by its plastic housing, avoiding contact with the cantilever or tip.

Cartridge Body Cleaning:

Wipe the cartridge body occasionally with a soft, dry, lint-free cloth to remove dust. Avoid using harsh chemicals or solvents.

5. TROUBLESHOOTING

If you encounter issues with your turntable setup, consider the following common problems and solutions:

Problem	Possible Cause	Solution
No sound or sound from only one channel	Loose or incorrect wire connections; damaged wire; amplifier input issue.	Check all four tonearm wire connections to the cartridge. Ensure they are secure and correctly matched (L+, L-, R+, R-). Verify amplifier input selection.

Problem	Possible Cause	Solution
Distorted or muffled sound	Dirty stylus; worn stylus; incorrect tracking force; improper alignment.	Clean the stylus. If sound quality doesn't improve, consider replacing the stylus. Verify tracking force and cartridge alignment.
Skipping or jumping	Incorrect tracking force; anti-skate setting; dirty or damaged record; worn stylus; turntable not level.	Check and adjust tracking force and anti-skate. Clean the record. Inspect stylus for damage or wear. Ensure turntable is on a level surface.
Humming or buzzing noise	Grounding issue; interference; loose connections.	Ensure the turntable's ground wire (if present) is connected to your amplifier's ground terminal. Check all audio cable connections. Move turntable away from other electronic devices.

If these steps do not resolve the issue, consult a qualified audio technician or contact AudioOrigin customer support.

6. SPECIFICATIONS

Key technical specifications for the AudioOrigin Moving Magnet Cartridge:

- **Cartridge Type:** Moving Magnet (MM)
- **Frequency Response:** 20 - 20,000 Hz
- **Channel Separation:** > 15dB at 1 kHz
- **Recommended Downforce (Tracking Force):** 2.5 - 3.5 grams
- **Item Weight:** Approximately 1 pound (0.45 kg)
- **Model Number:** 4330368629
- **ASIN:** B0759WZ647
- **Manufacturer:** Generic (as per product listing)
- **First Available:** August 31, 2017

7. WARRANTY AND SUPPORT

For specific warranty information regarding your AudioOrigin Cartridge and Stylus, please refer to the documentation provided at the time of purchase or visit the official AudioOrigin website. Warranty terms typically cover manufacturing defects.

If you require technical support or have questions not covered in this manual, please contact the seller or AudioOrigin customer service through their official channels. When contacting support, please have your product model number (4330368629) and purchase details readily available.

For additional resources and product information, you may visit the [AudioOrigin brand page on Amazon](#).