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› [AudioOrigin](#) /

› AudioOrigin Turntable Cartridge and Stylus Instruction Manual for SANYO Turntables

AudioOrigin 4330368636

AudioOrigin Turntable Cartridge and Stylus Instruction Manual

Model: 4330368636

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your AudioOrigin Moving Magnet Cartridge and Stylus. Designed for high-fidelity audio reproduction, this cartridge offers excellent, warm sound quality and is compatible with various vintage SANYO turntable models.

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

Compatible SANYO Turntable Models:

- ME and Lurch
- DCX-W17, ST-09, ST-59U, ST-868J, ST-W40J, W40
- TP-600SA, TP-625, TP-727, TP-728, TP-747, TP-80S

SETUP AND INSTALLATION

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

Tools Required:

- Small screwdriver (for mounting bolts)
- Needle-nose pliers or tweezers (optional, for wire connections)
- Stylus force gauge (recommended for precise tracking force adjustment)

Installation Steps:

1. **Prepare the Turntable:** Ensure your turntable is powered off and unplugged. If replacing an old cartridge, carefully remove it from the tonearm headshell.
2. **Connect Wires:** Connect the four color-coded wires from the tonearm headshell to the corresponding pins on the back of the new cartridge. Typically, these are:

- Red: Right Channel Hot (R+)
- Green: Right Channel Ground (R-)
- White/Blue: Left Channel Hot (L+)
- Black/Blue: Left Channel Ground (L-)

Ensure connections are firm but do not force them.

3. **Mount the Cartridge:** Using the provided brass mounting bolts, carefully attach the cartridge to the headshell. The brass bolts contribute to better isolation and mass, enhancing sound quality. Do not overtighten.
4. **Install the Stylus:** Gently slide the stylus into the cartridge body until it clicks securely into place. Ensure the stylus guard is in position during this step to protect the needle.



Image: AudioOrigin turntable cartridge shown with included brass mounting bolts. The cartridge body is black and blue, with four connection pins visible at the rear.



Image: Close-up of the AudioOrigin replacement stylus, a small white plastic component with a metallic needle extending from its base.

Tracking Force Adjustment:

The recommended downforce for this cartridge is **2.5-3.5 grams**. Refer to your turntable's manual for instructions on how to adjust the tonearm's tracking force. Proper tracking force is essential to prevent record wear and ensure accurate sound reproduction.

OPERATING INSTRUCTIONS

1. **Remove Stylus Guard:** Before playing a record, carefully remove the clear stylus guard by pulling it forward. Store it in a safe place.
2. **Place Record:** Place your record on the turntable platter.
3. **Lower Tonearm:** Use the tonearm lift lever to gently lower the stylus onto the record's lead-in groove.
4. **Playback:** The music will begin to play.
5. **End of Play:** At the end of the record, use the tonearm lift lever to raise the tonearm and return it to its rest.
6. **Replace Stylus Guard:** Always replace the stylus guard when the turntable is not in use to protect the stylus from accidental damage.

MAINTENANCE

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

- **Stylus Cleaning:** Use a soft brush, specifically designed for stylus cleaning, to gently brush the stylus from back to front. Never brush from side to side or front to back, as this can damage the cantilever. Clean the stylus periodically or if you notice a buildup of dust or debris.
- **Cartridge Body:** Wipe the cartridge body with a soft, dry, lint-free cloth to remove dust. Avoid using

liquids or solvents.

- **Stylus Guard:** Always use the stylus guard when the turntable is not in use or when transporting the turntable.
- **Stylus Replacement:** The stylus is a consumable part and will wear out over time. Replace the stylus after approximately 500-1000 hours of playback, or if you notice a degradation in sound quality or visible damage to the stylus tip. A spare stylus is included with your purchase.

TROUBLESHOOTING

If you experience issues with your cartridge and stylus, refer to the following common problems and solutions:

- **No Sound or Weak Sound:**
 - Check all wire connections between the cartridge and headshell, and between the headshell and tonearm. Ensure they are secure and correctly matched (color-coded).
 - Verify that the turntable is properly connected to your amplifier/receiver's phono input.
 - Ensure the amplifier/receiver is set to the correct input.
- **Distorted or Unclear Sound:**
 - Check the stylus for dirt or debris and clean it carefully.
 - Verify the tracking force is set correctly (2.5-3.5 grams). Incorrect tracking force can cause distortion.
 - Inspect the stylus for damage. A bent or broken stylus will cause distortion and needs replacement.
 - Ensure the cartridge is securely mounted and aligned in the headshell.
- **Skipping or Jumping:**
 - Check the tracking force. Too light or too heavy a force can cause skipping.
 - Ensure the turntable is on a stable, level surface. Vibrations can cause skipping.
 - Inspect the record for scratches or dust. Clean the record if necessary.
 - Check the stylus for damage or excessive wear.

SPECIFICATIONS

Type	Moving Magnet (MM) Cartridge
Frequency Response	20-20,000 Hz
Channel Separation (1kHz)	> 15dB
Recommended Downforce	2.5-3.5 grams
Item Weight	1 pound (approximate)
Item Model Number	4330368636

WARRANTY AND SUPPORT

Specific warranty details are not provided in the product information. For any support inquiries or warranty information, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

