

AudioOrigin Gold Plated Headshell with Audio Technica Cartridge

AudioOrigin Gold Plated Headshell with Audio Technica Cartridge User Manual

Model: Gold Plated Headshell with Audio Technica Cartridge

Brand: AudioOrigin

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1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your AudioOrigin Gold Plated Headshell with Audio Technica Cartridge. This product is designed to enhance the audio performance of compatible turntables, including various Optonica and Sharp models such as RP-7205, RP-1000, RP-1414, RP-4705, RP-7100, RP-9100, RP-9705, and RP-7705. Please read this manual thoroughly before installation to ensure proper setup and optimal sound reproduction.

2. PRODUCT OVERVIEW

The AudioOrigin Gold Plated Headshell with Audio Technica Cartridge is a precision-engineered component designed for high-fidelity audio playback. It combines a durable gold-plated headshell with a high-quality Audio Technica cartridge and premium wiring for superior sound.

2.1 Components

- **Gold Plated Headshell:** Provides a secure mounting platform for the cartridge and connects to the turntable's tonearm.
- **Audio Technica Cartridge:** A high-quality cartridge designed for rich, warm sound reproduction.
- **Stylus (Needle):** The replaceable component that tracks the record grooves.
- **FURUKAWA 5N Pure Soft Annealed Silver Litz Cartridge Wires:** Transparent, high-purity silver wires for optimal signal transfer between the cartridge and headshell pins.

2.2 Key Features

- Manufactured in England by AudioOrigin.
- Equipped with a high-quality Audio Technica cartridge for pure, rich, and warm sound.
- Features transparent FURUKAWA 5N Pure Soft Annealed Silver Litz Cartridge wires for exceptional signal integrity.
- Designed for excellent low and high-frequency delivery and superb sound reproduction.



Figure 1: Side view of the AudioOrigin Gold Plated Headshell with the Audio Technica cartridge and stylus installed.

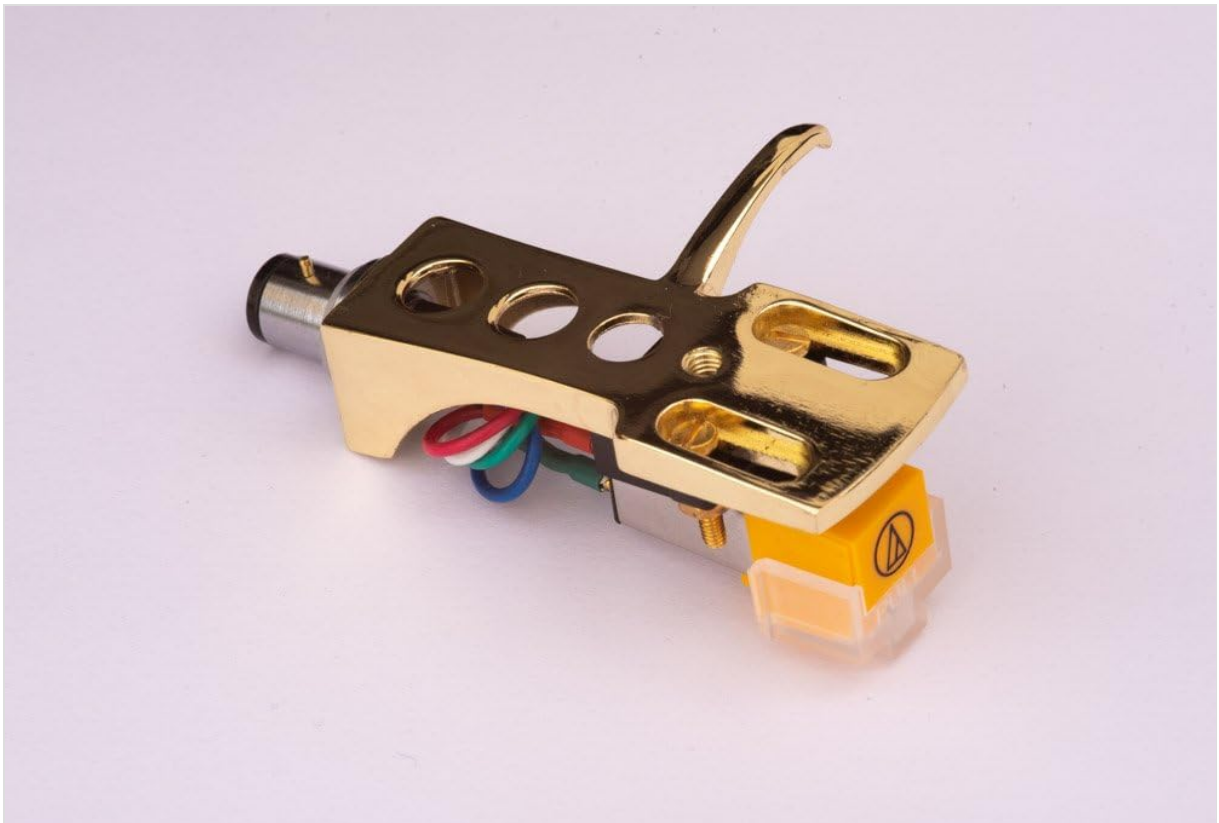


Figure 2: Angled top view showcasing the gold-plated finish and the mounted cartridge.

3. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. Handle all components with care to avoid damage.

3.1 Attaching the Headshell to the Tonearm

1. Ensure your turntable is powered off and unplugged.
2. Carefully align the four-pin connector of the headshell with the receptacle at the end of your turntable's tonearm.
3. Gently push the headshell into the tonearm until it is fully seated.
4. Twist the locking collar on the tonearm clockwise to secure the headshell in place. Do not overtighten.



Figure 3: Top view of the headshell, showing the mounting slots for cartridge adjustment and the finger lift.

3.2 Cartridge Wiring and Alignment

The cartridge comes pre-wired to the headshell with FURUKAWA 5N Pure Soft Annealed Silver Litz Cartridge Wires. Verify the connections are secure.

- **Red (R+):** Right channel positive
- **Green (R-):** Right channel ground
- **White (L+):** Left channel positive
- **Blue (L-):** Left channel ground

For optimal sound, the cartridge may require alignment. Refer to your turntable's specific instructions or an alignment protractor for precise adjustment of overhang and azimuth. The headshell features mounting slots (visible in Figure 3) to facilitate this adjustment.

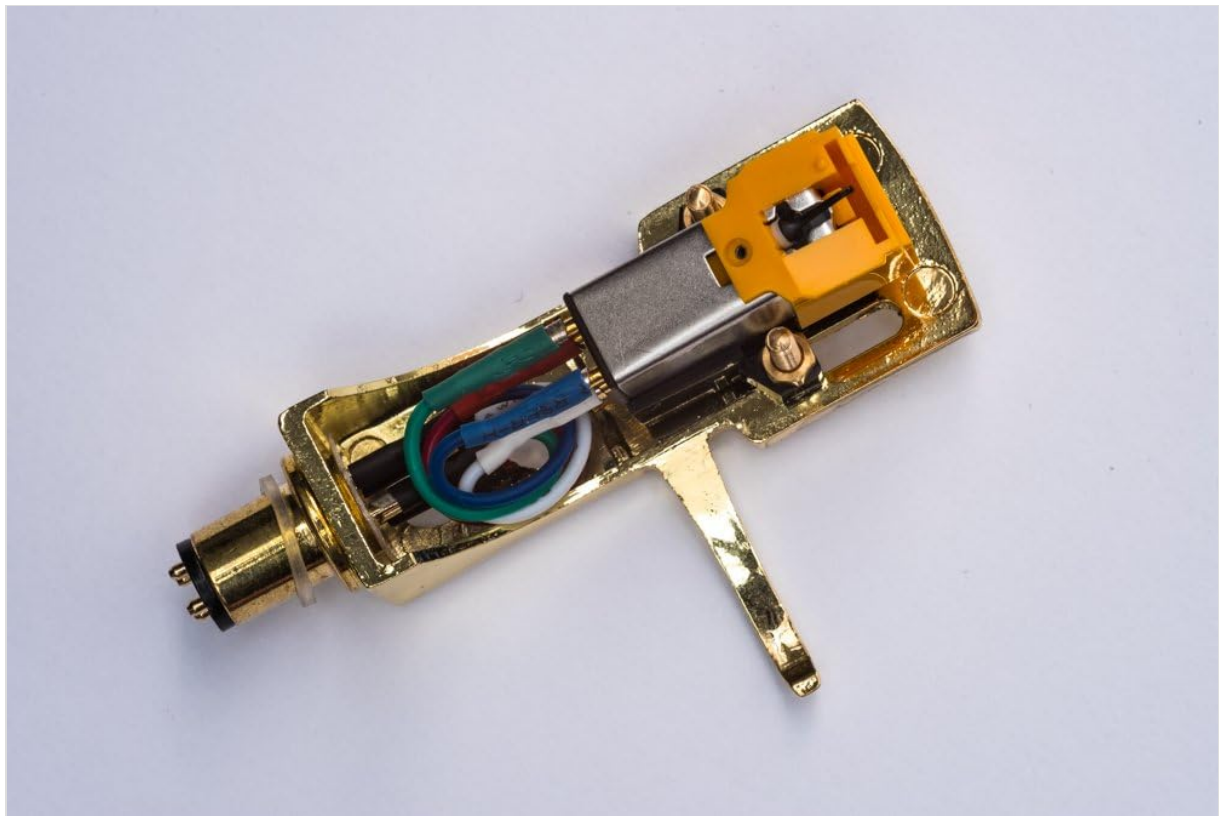


Figure 4: Underside view showing the secure connections of the FURUKAWA Litz wires to the cartridge pins.

3.3 Tracking Force and Anti-Skate

After installation, set the tracking force (stylus pressure) and anti-skate according to the Audio Technica cartridge's recommended specifications. Consult your turntable's manual for instructions on adjusting these settings. Incorrect settings can lead to poor sound quality or premature stylus wear.

4. OPERATING INSTRUCTIONS

Once installed and properly adjusted, operate your turntable as usual. Always use the tonearm lift mechanism to raise and lower the stylus onto the record. Avoid dropping the tonearm or dragging the stylus across the record surface, as this can damage both the stylus and your records.

- Ensure the record is clean and free of dust before playing.
- Use the tonearm lift to gently place the stylus onto the lead-in groove of the record.
- At the end of playback, use the tonearm lift to raise the stylus and return the tonearm to its rest.

5. MAINTENANCE AND CARE

Regular maintenance ensures longevity and consistent audio quality.

5.1 Stylus Cleaning

Clean the stylus regularly to remove dust and debris. Use a soft stylus brush, brushing gently from back to front (in the direction of the tonearm pivot). Never brush from side to side or front to back, as this can damage the cantilever.

5.2 Cartridge and Headshell Cleaning

Wipe the headshell and cartridge body with a soft, dry, lint-free cloth. Avoid using liquid cleaners near the

stylus or cartridge wiring.

5.3 Stylus Replacement

The stylus has a finite lifespan. Replace it when you notice a degradation in sound quality or after approximately 500-1000 hours of playback, depending on usage and record condition. Consult Audio Technica's documentation for the specific replacement stylus model.

6. TROUBLESHOOTING

If you experience issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound or very low sound	Loose headshell connection; incorrect amplifier input; damaged wiring.	Ensure headshell is securely attached to tonearm. Verify amplifier input is set to "Phono". Check cartridge wires for secure connection.
Distorted or muffled sound	Dirty stylus; incorrect tracking force/anti-skate; worn stylus; improper cartridge alignment.	Clean stylus. Adjust tracking force and anti-skate. Inspect stylus for wear and replace if necessary. Re-align cartridge.
Skipping or jumping	Incorrect tracking force; warped record; dirty record; damaged stylus.	Adjust tracking force. Clean record. Inspect stylus for damage and replace if necessary.

7. SPECIFICATIONS

- **Product Type:** Gold Plated Headshell with Pre-mounted Cartridge and Stylus
- **Brand:** AudioOrigin
- **Cartridge Type:** Audio Technica (specific model may vary, refer to cartridge body)
- **Wiring:** FURUKAWA 5N Pure Soft Annealed Silver Litz Cartridge Wires
- **Headshell Material:** Gold-plated metal
- **Compatibility:** Designed for turntables with a universal S-shaped or straight tonearm with a 4-pin connector, including Optonica and Sharp models RP-7205, RP-1000, RP-1414, RP-4705, RP-7100, RP-9100, RP-9705, RP-7705.
- **Origin:** Made in England

8. WARRANTY AND SUPPORT

This AudioOrigin product is manufactured to high standards. For specific warranty details, please refer to the documentation provided at the time of purchase or contact AudioOrigin directly. For technical support or inquiries, please visit the AudioOrigin official website or contact their customer service department.