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> ASHATA Magnetic Cartridge with Needle for Turntable Record Player User Manual

ASHATA Magnetic Cartridge

ASHATA Magnetic Cartridge User Manual

Model: Magnetic Cartridge

1. PRODUCT OVERVIEW

The ASHATA Magnetic Cartridge with Needle is designed to provide exceptional clarity and detailed audio reproduction for your turntable record player. This high-precision component ensures a rich, balanced sound experience, making it an ideal replacement or upgrade for your existing setup.



Image: The ASHATA Magnetic Cartridge securely packaged in its protective case.

2. KEY FEATURES

- **Premium Performance:** Provides excellent clarity and detail performance with a thick sounding bottom and high balance.
- **Accurate Record Function:** The elliptical bur ensures high-precision recording for superior audio output.
- **Wide Application:** Compatible with various record players; confirm fixation to the rack.
- **Durable Quality:** Each cartridge is carefully assembled and rigorously tested for reliability.



Premium performance, provides excellent clarity and detail performance.

Image: The cartridge designed for premium audio performance.

3. SAFETY INFORMATION

Please ensure proper disposal of all packaging materials after use to prevent choking hazards, especially around children. Follow all local regulations for electronic waste disposal.



1 Warning

Please dispose of the packaging materials properly after use to avoid choking hazard.

2 Warnung

Bitte entsorgen Sie das Verpackungsmaterial nach Gebrauch ordnungsgemäß, um Erstickungsgefahr zu vermeiden.

3 Avertissement

Veuillez jeter les matériaux d'emballage correctement après utilisation pour éviter tout risque d'étouffement.

4 Advertencia

Deseche los materiales de embalaje adecuadamente después de su uso para evitar peligro de asfixia.

5 Ostrzeżenie

Po użyciu należy odpowiednio zutylizować materiały opakowaniowe, aby uniknąć ryzyka zadławienia.

6 Waarschuwing

Gooi de verpakkingsmaterialen na gebruik op de juiste manier weg om verstikkingsgevaar te voorkomen.

7 Varning

Kassera förpackningsmaterialet på rätt sätt efter användning för att undvika kvävningsrisk.

8 Attenzione

Smaltire correttamente i materiali di imballaggio dopo l'uso per evitare rischi di soffocamento.

9 Uyarı

Boğulma tehlikesini önlemek için lütfen kullanımdan sonra ambalaj malzemelerini uygun şekilde atın.

Image: Important warning regarding the proper disposal of packaging materials.

4. SETUP INSTRUCTIONS

Installing your new ASHATA magnetic cartridge requires careful handling. Follow these steps for proper installation:

1. **Preparation:** Ensure your turntable is powered off and unplugged. Gently remove the old cartridge if present.
2. **Mounting:** Align the new cartridge with the headshell. The fixation hole spacing is 13mm (measure the center distance of the two mounting holes). Secure the cartridge using the provided screws, ensuring it is firmly but not overly tightened.
3. **Wiring:** Connect the four cartridge terminals to the corresponding wires on your turntable's tonearm. The standard color coding is:
 - R+ (Red): Right channel, positive
 - R- (Green): Right channel, negative (ground)
 - L+ (White): Left channel, positive
 - L- (Blue): Left channel, negative (ground)

Ensure all connections are secure and correctly matched to prevent hum or channel imbalance.

4. **Tracking Force Adjustment:** Set the tracking force according to your turntable's specifications, typically within the recommended range of 1.5g-2g for this cartridge. Refer to your turntable's manual for precise adjustment instructions.
5. **Alignment:** Properly align the cartridge using a protractor to minimize tracking error and ensure optimal sound quality.



Image: The cartridge ready for installation on a turntable.



Image: Top-down view of the cartridge, highlighting the connection pins.

5. OPERATION

Once the cartridge is installed and aligned, you can begin playing your records. Ensure your turntable is properly connected to an amplifier or receiver with a phono input.

- **Record Placement:** Carefully place your vinyl record on the turntable platter.
- **Cueing:** Gently lower the tonearm onto the record's lead-in groove using the cueing lever. Avoid dropping the tonearm directly onto the record, as this can damage both the record and the stylus.
- **Playback:** Enjoy the high-fidelity sound produced by your new ASHATA cartridge.
- **Stopping Playback:** At the end of the record, or when you wish to stop, use the cueing lever to lift the tonearm and return it to its rest.

6. MAINTENANCE

Proper maintenance will extend the life of your cartridge and stylus, ensuring consistent sound quality.

- **Stylus Cleaning:** Regularly clean the stylus using a soft brush designed for stylus cleaning, brushing gently from back to front. Avoid using harsh chemicals or excessive force.
- **Record Cleaning:** Keep your records clean to prevent dust and debris from accumulating on the stylus, which can degrade sound quality and cause wear.
- **Stylus Inspection:** Periodically inspect the stylus for wear or damage. A worn stylus can damage your records and produce poor sound. Replace the stylus if it appears bent, chipped, or excessively worn.
- **Cartridge Body:** Keep the cartridge body clean and free of dust.

7. TROUBLESHOOTING

If you encounter issues with your ASHATA magnetic cartridge, consider the following common problems and solutions:

Problem	Possible Cause	Solution
No sound or very low sound	Incorrect wiring; amplifier not set to phono input; damaged stylus/cartridge.	Check all wiring connections (R+, R-, L+, L-); ensure amplifier input is set to 'Phono'; inspect stylus for damage.
Distorted or muffled sound	Worn or dirty stylus; incorrect tracking force; improper alignment.	Clean stylus; adjust tracking force to recommended range (1.5g-2g); re-align cartridge.
Humming or buzzing noise	Grounding issue; interference; loose connections.	Ensure turntable is properly grounded to amplifier; check all cable connections for tightness.
Skipping or jumping	Dirty record; incorrect tracking force; damaged stylus; turntable not level.	Clean record; adjust tracking force; inspect stylus; ensure turntable is on a level surface.

8. SPECIFICATIONS

Detailed specifications for the ASHATA Magnetic Cartridge:

Feature	Detail
Product Dimensions	1.18 x 0.47 x 0.39 inches
Item Weight	0.64 ounces (0.04 Pounds)
Fixation Hole Spacing	13mm (center distance of two holes)
Cartridge Terminal Colors	R+=red, R-=green, L+=white, L-=blue
Recommended Tracking Force	1.5g-2g
Material	Vinyl (referring to compatible media)
Included Components	Stylus
Compatible Devices	Speaker, Headphone, Personal Computer, Laptop (via audio setup)

Feature	Detail
Signal Format	Analog
Power Source	Corded Electric (for turntable, not cartridge itself)



Image: Side profile of the magnetic cartridge.



Image: Rear view of the cartridge, showing manufacturing details.

9. WARRANTY AND SUPPORT

Specific warranty details for the ASHATA Magnetic Cartridge are not provided in the product information. For any questions regarding product support, troubleshooting, or potential warranty claims, please contact ASHATA customer service directly.

You can visit the official ASHATA store for more information and contact options: [ASHATA Store on Amazon](#)

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