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› MagLite Moving Magnetic Cartridge with Diamond Stylus User Manual for Yamaha P-200, P-220, P-300, P-320, P-350 Turntables

MagLite P-200, P-220, P-300, P-320, P-350

MagLite Moving Magnetic Cartridge with Diamond Stylus User Manual

For Yamaha P-200, P-220, P-300, P-320, P-350 Turntables

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your new MagLite Moving Magnetic Cartridge with Diamond Stylus. Please read these instructions carefully before use to ensure optimal performance and longevity of your product. This cartridge is designed for compatibility with Yamaha P-200, P-220, P-300, P-320, and P-350 turntable models.

2. SETUP AND INSTALLATION

Proper installation of the cartridge is crucial for sound quality and stylus life. Handle the cartridge with care, avoiding contact with the stylus tip.

2.1 Unpacking

Carefully remove the cartridge and included mounting bolts from the packaging. Inspect for any visible damage.



Image 1: MagLite Moving Magnetic Cartridge with Diamond Stylus and mounting bolts.

2.2 Mounting the Cartridge

1. Ensure your turntable is powered off and unplugged.
2. Gently remove the old cartridge from the headshell, if applicable. Note the wiring connections.
3. Connect the four color-coded wires from the headshell to the corresponding pins on the new cartridge. Typically:
 - Red (R+): Right channel positive
 - Green (R-): Right channel ground
 - White (L+): Left channel positive
 - Blue (L-): Left channel ground
4. Align the cartridge with the headshell. Use the provided mounting bolts to secure the cartridge to the headshell. Do not overtighten.





Image 2: Side view of the cartridge, showing the stylus and connection pins.





Image 3: Front view of the cartridge, highlighting the diamond stylus.

2.3 Tracking Force Adjustment

The recommended tracking force for this cartridge is **3.0g**, with a range of 2.5g to 3.5g. Refer to your turntable's manual for instructions on how to adjust the tonearm's tracking force. Incorrect tracking force can lead to poor sound quality and accelerated record or stylus wear.

3. OPERATING INSTRUCTIONS

Once the cartridge is properly installed and the tracking force is set, you can begin playing records.

1. Place a record on the turntable platter.
2. Carefully lower the tonearm onto the record's lead-in groove using the tonearm lift lever.
3. After playback, use the tonearm lift lever to raise the tonearm and return it to its rest.

4. MAINTENANCE

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

4.1 Stylus Cleaning

Clean the stylus regularly to remove dust and debris. Use a soft stylus brush, brushing gently from back to front (the direction of play). Do not use excessive force or brush from side to side, as this can damage the stylus.

4.2 General Care

Keep the turntable and cartridge free from dust. When not in use, ensure the stylus guard is in place to protect the stylus from accidental damage.

5. TROUBLESHOOTING

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

- **No Sound or Weak Sound:** Check all wiring connections between the cartridge and headshell, and between the turntable and amplifier. Ensure the amplifier input is set correctly (e.g., 'Phono').
- **Distorted Sound:** Verify the tracking force is set correctly (3.0g). Ensure the stylus is clean and free of debris. Check for any visible damage to the stylus.
- **Skipping:** Re-check tracking force. Ensure the record is clean and free of scratches. Verify the turntable is level.

6. SPECIFICATIONS

Feature	Specification
Type	Moving Magnetic Cartridge with Diamond Stylus
Output Voltage (at 1kHz, 5 cm/sec)	5.5 mV ± 3dB
Channel Balance (at 1kHz)	Below 1 dB
Channel Separation (at 1kHz)	More than 15 dB
Frequency Response	20 ~ 20k Hz
Tracking Force	3.0g (2.5 ~ 3.5g)
Stylus Tip	Stereo Spherical Diamond Tip

7. WARRANTY INFORMATION

This product is covered by a **6-month warranty** from the date of purchase. This warranty covers manufacturing defects. Please retain your proof of purchase for warranty claims.

8. SUPPORT

For further assistance, technical support, or warranty inquiries, please refer to the contact information provided by your retailer or visit the official MagLite website for support resources.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question