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› [MagLite G Headshell, Stylus, and Cartridge Instruction Manual for Sony PSLX350H, PS11, PS11w, PS20f, PS212 Turntables](#)

MagLite PSLX350H, PS11, PS11w, PS20f, PS212

MagLite G Headshell, Stylus, and Cartridge Instruction Manual

For Sony PSLX350H, PS11, PS11w, PS20f, PS212 Turntables

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MagLite G Headshell, Stylus, and Cartridge. This product is designed for use with compatible Sony turntable models including PSLX350H, PS11, PS11w, PS20f, and PS212. It features a mirror-finish gold-plated headshell, brass fittings, and a superior Blue M27BU Moving Magnet Cartridge with a diamond stylus. The oxygen-free copper (OFC) wires and gold-plated terminals ensure optimal sound transmission.

2. PRODUCT COMPONENTS

The MagLite G Headshell, Stylus, and Cartridge assembly includes the following key components:

- Gold-plated headshell with brass fittings
- Blue M27BU Moving Magnet Cartridge
- Diamond stylus (pre-installed)
- Oxygen-free copper (OFC) connecting wires with gold-plated terminals

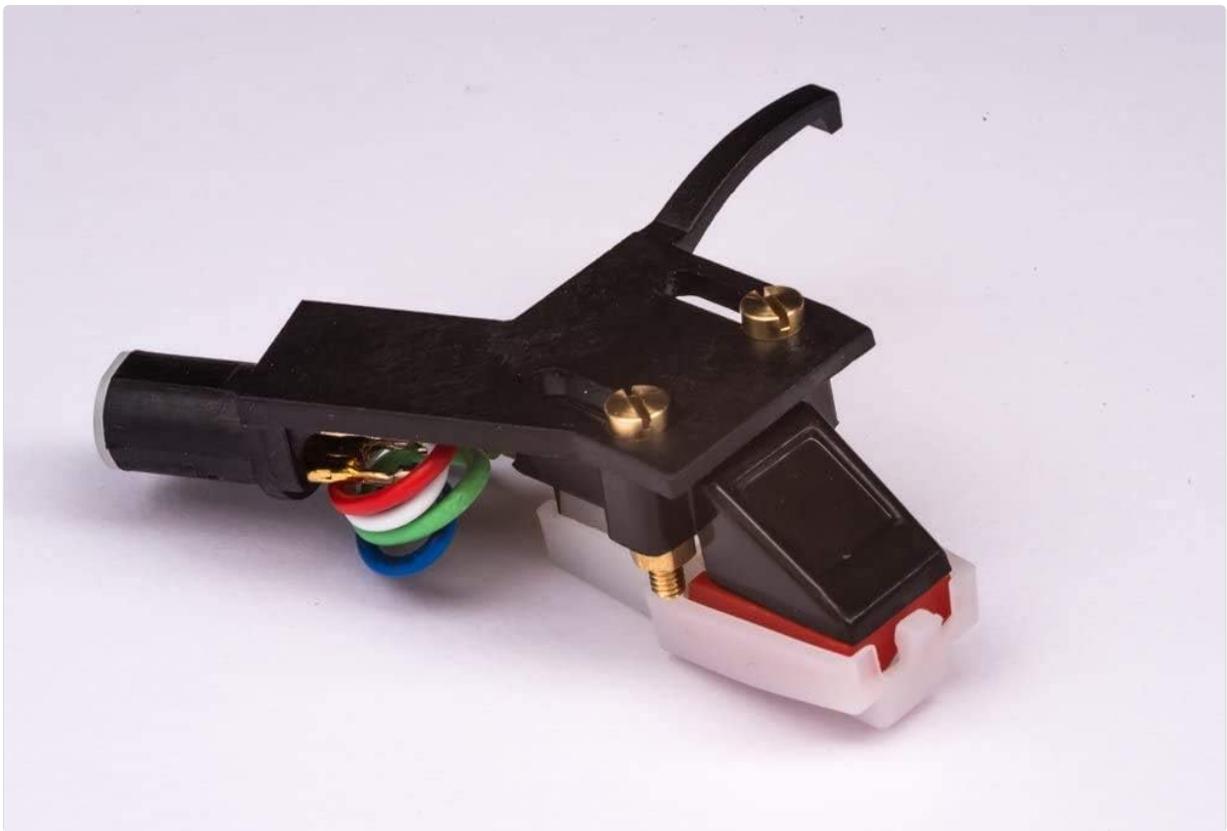


Figure 1: The complete MagLite G headshell and cartridge assembly, showing the black headshell, gold-plated brass screws, and the white cartridge body with a red stylus guard. The connecting wires are visible at the rear.

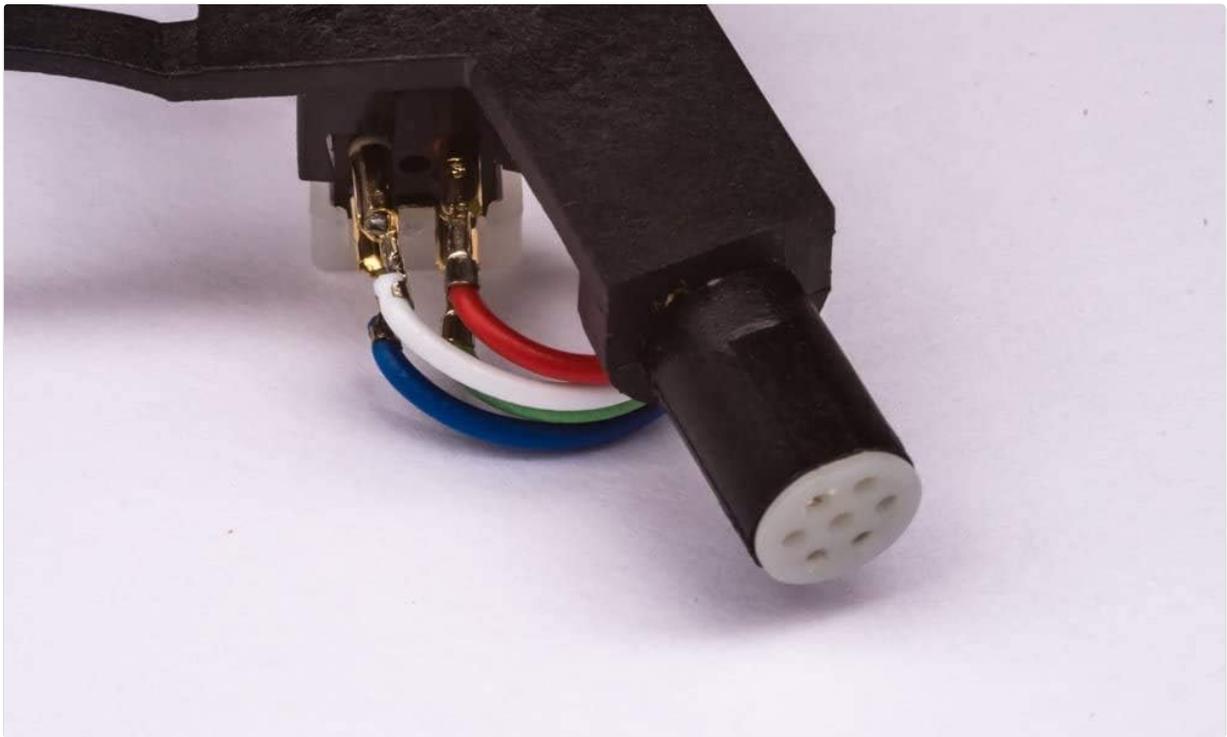


Figure 2: A close-up view of the cartridge's rear connections, illustrating the color-coded oxygen-free copper (OFC) wires (red, white, green, blue) connected to the gold-plated terminals, and the headshell's connection point.

3. SETUP AND INSTALLATION

Follow these steps to properly install your new headshell and cartridge onto your turntable's tonearm:

1. **Power Off:** Ensure your turntable is powered off and unplugged from the mains electricity supply before beginning installation.

2. **Remove Old Headshell (if applicable):** Carefully unscrew and remove the existing headshell from your turntable's tonearm. Store it safely if you intend to reuse it.
3. **Attach New Headshell:** Gently screw the MagLite G headshell onto the tonearm. Rotate the locking collar clockwise until it is finger-tight. Do not overtighten.
4. **Connect Wires:** The cartridge wires are color-coded. Connect them to the corresponding pins on the tonearm. The standard color code is:
 - Red (R+): Right Channel Hot
 - White (L+): Left Channel Hot
 - Green (R-): Right Channel Ground
 - Blue (L-): Left Channel Ground

Ensure connections are firm but do not force them.

5. **Balance Tonearm:** Refer to your turntable's instruction manual for specific guidance on balancing the tonearm. This typically involves adjusting the counterweight until the tonearm floats level.
6. **Set Tracking Force:** The recommended tracking force for this cartridge is 3.0g (with a range of 2.5g to 3.5g). Use a stylus force gauge (if available) or follow your turntable's instructions to set the tracking force accurately. Incorrect tracking force can cause damage to records and the stylus.
7. **Set Anti-Skate:** Adjust the anti-skate setting on your tonearm according to your turntable's manual, typically matching the tracking force value.

4. OPERATING INSTRUCTIONS

Once installed and adjusted, your MagLite G headshell and cartridge are ready for use. Follow these general guidelines for playing records:

- Ensure records are clean and free of dust before playing.
- Use the tonearm lift mechanism to gently lower the stylus onto the record's lead-in groove. Avoid dropping the tonearm manually.
- When finished, use the tonearm lift to raise the stylus and return the tonearm to its rest.
- Always handle the tonearm and headshell with care to prevent damage to the stylus.

5. MAINTENANCE

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

- **Stylus Cleaning:** Regularly clean the stylus using a soft stylus brush, brushing gently from back to front (in the direction of play). Do not brush side-to-side. Use a dedicated stylus cleaning fluid sparingly if necessary.
- **Cartridge Body:** Keep the cartridge body clean and free of dust. Use a soft, dry cloth.
- **Stylus Replacement:** The diamond stylus will wear over time, typically after 500-1000 hours of play, depending on record condition and tracking force. A worn stylus can damage records and degrade sound quality. Replace the stylus when signs of wear or degradation in sound are noticed. Replacement styli for the M27BU cartridge are available from audio retailers.

6. TROUBLESHOOTING

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

- **No Sound or Weak Sound:**

- Check all wire connections between the cartridge, headshell, and tonearm. Ensure they are secure and correctly color-coded.
- Verify that the turntable is properly connected to your amplifier's phono input.
- Ensure the amplifier is set to the correct input.

- **Distorted Sound or Skipping:**

- Re-check the tracking force. It should be set to 3.0g.
- Verify the tonearm is properly balanced.
- Check the anti-skate setting.
- Inspect the stylus for dirt or damage. Clean or replace if necessary.
- Ensure records are clean and flat.

- **Humming Noise:**

- Ensure the turntable's ground wire is securely connected to your amplifier's ground terminal.
- Check for interference from other electronic devices.

7. SPECIFICATIONS

Feature	Specification
Cartridge Type	Moving Magnet (M27BU)
Stylus Type	Diamond
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)
Headshell Material	Gold-plated with brass fittings
Wire Material	Oxygen-Free Copper (OFC)

8. WARRANTY INFORMATION

Specific warranty details for this product are not provided in this manual. Please refer to the product packaging, the seller's website, or contact the manufacturer directly for information regarding warranty coverage and terms.

9. SUPPORT

For further assistance, technical support, or inquiries not covered in this manual, please contact the retailer from whom you purchased the product or the MagLite customer support team. Keep your purchase receipt and product details handy when seeking support.

Related Documents - PSLX350H, PS11, PS11w, PS20f, PS212

	<p>SJE Rhombus Type PS11/PS12 Timed Dosing Control Installation and Operation Manual</p> <p>Installation, operation, and troubleshooting instructions for the SJE Rhombus Type PS11/PS12 Timed Dosing Control panel. Covers float installation, panel mounting, timer settings, system operation, and troubleshooting.</p>
	<p>AMETEK nVision Reference Recorder: Operation Manual for Pressure and Data Logging</p> <p>Discover the capabilities of the AMETEK nVision Reference Recorder, a versatile instrument for precise pressure, temperature, voltage, and current measurements. This operation manual details its functions, graphical and numerical displays, data logging features, and rugged design for industrial applications.</p>
	<p>EPH EMBER PS Smart Programmer Systems: Pack Guide and Features</p> <p>Discover the EPH EMBER PS Smart Programmer Systems, offering comprehensive control over home heating via smartphone and tablet. This guide details pack configurations, product models, and system components, including wireless RF programmers, thermostats, and a WiFi gateway.</p>
	<p>Big Ass Fans VFD Error Codes and Diagnostic Display Options</p> <p>A comprehensive guide to Variable Frequency Drive (VFD) error codes, warning messages, and diagnostic display options provided by Big Ass Fans. This document details each error code with its description and corrective action, aiding in troubleshooting VFD issues.</p>
	<p>Panasonic and Technics Product Model Catalog</p> <p>A comprehensive catalog of Panasonic and Technics product model numbers, covering a wide range of audio and video electronics manufactured by the company.</p>



[TerraLUX TLE-310M-EX Compatibility Guide for MagLite Flashlights](#)

Determine if your 4-6 D-Cell MagLite flashlight is compatible with the TerraLUX TLE-310M-EX LED upgrade. This guide details the differences between older and newer MagLite versions and provides a simple check.

Documents - MagLite – PSLX350H, PS11, PS11w, PS20f, PS212

no relevant documents