

Ortofon LH-2000

Ortofon LH-2000 Headshell Instruction Manual

Model: LH-2000

INTRODUCTION

The Ortofon LH-2000 is a high-quality headshell specifically designed for HiFi audio applications. It features a clean, minimalist aesthetic and is compatible with a wide variety of cartridges, including the Ortofon 2M Series. This manual provides essential information for the proper installation, operation, and maintenance of your LH-2000 headshell.



A close-up view of the Ortofon LH-2000 headshell, showcasing its black finish, two elongated mounting slots for cartridge attachment, and the integrated finger lift for easy handling. The Ortofon logo is visible on the top surface.

SAFETY INFORMATION

Please read and understand these safety instructions before handling or installing the Ortofon LH-2000 headshell. Failure to do so may result in damage to the product or other audio equipment.

- **Handle with care:** The headshell and associated components are delicate. Avoid dropping or subjecting them to impact.
- **Keep out of reach of children:** Small parts can be a choking hazard.
- **Avoid excessive force:** When connecting leadwires or mounting the cartridge, use gentle, firm pressure.
- **Disconnect power:** Always ensure your turntable is powered off and unplugged before performing any installation or maintenance.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Ortofon LH-2000 Headshell
- 4x Leadwires (pre-installed or included separately)
- Mounting screws (typically included with your cartridge, not the headshell)

SETUP AND INSTALLATION

Proper installation is crucial for optimal audio performance. Follow these steps carefully.

1. Preparing the Cartridge and Leadwires

The LH-2000 comes with leadwires for convenient connection. It is recommended to connect the leadwires to the cartridge and headshell before mounting the cartridge onto the headshell.

- **Leadwire Orientation:** Pay close attention to the correct orientation of the leads. Ortofon cartridges typically have terminal pins with a diameter of 1.2 mm, while Ortofon headshell pins are 1.0 mm.
- **Color Coding:** All Ortofon cartridges use a standard color coding for terminals:
 - **Red:** Right channel, hot terminal
 - **Green:** Right channel, ground terminal (often used for grounding cartridge housings or motor systems)
 - **White:** Left channel, hot terminal
 - **Blue:** Left channel, ground terminal

2. Mounting the Cartridge to the Headshell

1. Carefully align your cartridge with the mounting slots on the LH-2000 headshell.
2. Insert the appropriate mounting screws (usually supplied with your cartridge) through the cartridge body and the headshell slots.
3. Secure the cartridge loosely with nuts, allowing for minor adjustments.

3. Attaching the Headshell to the Tonearm

1. Gently insert the headshell connector into the tonearm socket.
2. Rotate the locking collar on the tonearm until the headshell is securely fastened. Do not overtighten.

4. Alignment and Balance

After mounting, proper alignment and balancing of the tonearm are essential for optimal sound quality and to prevent record wear. Consult your turntable's instruction manual for detailed guidance on:

- **Overhang Adjustment:** Adjust the cartridge position within the headshell slots to achieve the correct

overhang, often using a protractor.

- **Tracking Force:** Set the recommended tracking force for your specific cartridge using the tonearm's counterweight.
- **Anti-skate:** Adjust the anti-skate mechanism to counteract the inward force on the stylus.
- **Azimuth:** Ensure the stylus is perpendicular to the record surface. Note that the LH-2000 headshell itself does not offer azimuth adjustment.

OPERATING INSTRUCTIONS

Once installed and properly aligned, the Ortofon LH-2000 headshell functions as a stable platform for your phono cartridge. Use the integrated finger lift to safely cue the tonearm onto and off your records, minimizing accidental damage to the stylus or record surface.

MAINTENANCE

To ensure the longevity and performance of your LH-2000 headshell:

- **Cleaning:** Gently wipe the headshell with a soft, dry, lint-free cloth to remove dust. Avoid using harsh chemicals or abrasive materials.
- **Connections:** Periodically check that all leadwire connections are secure and free from corrosion.
- **Storage:** When not in use for extended periods, store the headshell in a clean, dry environment, ideally in its original packaging or a protective case.

TROUBLESHOOTING

If you encounter issues, consider the following common solutions:

- **No Sound or Intermittent Sound:** Check all leadwire connections between the cartridge and headshell, and between the headshell and tonearm. Ensure the tonearm locking collar is secure.
- **Distorted Sound or Poor Tracking:** Re-check cartridge alignment, tracking force, and anti-skate settings. Ensure the stylus is clean and undamaged.
- **Humming Noise:** Verify proper grounding of the turntable system. Check leadwire connections for any loose or incorrect wiring.

SPECIFICATIONS

Feature	Specification
Model Number	LH-2000
Item Weight	0.547 ounces (approximately 15.5 grams)
Product Dimensions	2.48 x 1.42 x 0.63 inches
Material Type	Aluminum

WARRANTY INFORMATION


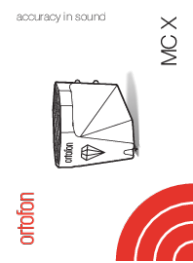



The Ortofon LH-2000 headshell is covered by a manufacturer's warranty against defects in materials and workmanship. For specific details regarding warranty duration and terms, please refer to the warranty card



included with your purchase or visit the official Ortofon website. Keep your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or inquiries regarding the Ortofon LH-2000 headshell, please visit the official Ortofon website or contact their customer service department. You can find contact information and additional resources at www.ortofon.com.

Related Documents - LH-2000

	<p>Ortofon MC 90X Phonograph Cartridge: Technical Specifications and Support Information</p> <p>Detailed technical specifications, features, and support resources for the Ortofon MC 90X high-fidelity phonograph cartridge. Includes output voltage, stylus details, compliance, tracking force, and manufacturer contact.</p>
	<p>Ortofon MC X Phono Cartridge: Installation and Specifications</p> <p>Guide to installing the Ortofon MC X phono cartridge, covering wiring, mounting, tracking force, and support resources. Features detailed descriptions of diagrams and safety information.</p>
	<p>Ortofon VNL DJ Cartridge User Guide</p> <p>Concise guide for the Ortofon VNL DJ phono cartridge, covering installation, setup, tracking force, and safety warnings.</p>
	<p>Ortofon 2M Stylus User Guide</p> <p>User guide for Ortofon 2M series phono cartridges, detailing stylus replacement procedures and recommended tracking force specifications for various models.</p>
	<p>Ortofon Moving Magnet Cartridges: OM 5S, OM 5E, Super OM 5 - User Guide and Specifications</p> <p>Comprehensive guide to Ortofon Moving Magnet phono cartridges, including installation, stylus care, and detailed technical specifications for the OM 5S, OM 5E, and Super OM 5 models.</p>

<div data-bbox="132 103 225 118" data-label="Text"><p>accuracy in sound</p></div> <div data-bbox="172 159 256 264" data-label="Image">The logo for the Ortofon 2M series, featuring a stylized, geometric representation of a phono cartridge body with the word 'ortofon' written vertically inside it.</div> <div data-bbox="132 282 154 338" data-label="Text"><p>ortofon</p></div> <div data-bbox="233 275 312 353" data-label="Image">A red logo consisting of three concentric, semi-circular arcs, resembling a stylized sound wave or a target.</div>	<div data-bbox="343 168 1235 199" data-label="Section-Header"><p>Ortofon 2M Series Phono Cartridges: Technical Specifications and User Guide</p></div> <div data-bbox="343 210 1471 282" data-label="Text"><p>Detailed technical specifications, mounting instructions, and care guide for the Ortofon 2M series of high-performance phono cartridges, including models like 2M Red, Blue, Bronze, Black, and Mono.</p></div>
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