

Ortofon 1315042

Ortofon Quintet Blue MC Phono Cartridge User Manual

Model: 1315042

[Introduction](#) [Features](#) [Setup](#) [Operation](#) [Maintenance & Support](#) [Troubleshooting](#) [Specifications](#) [Warranty](#)

1. INTRODUCTION

The Ortofon Quintet Blue MC Phono Cartridge is engineered to enhance the audio reproduction of your vinyl records, delivering increased space, depth, and detail. This moving coil cartridge is designed for a smooth and dynamic sound, making it suitable for a wide range of music genres. Its robust construction and advanced components ensure precise and accurate sound reproduction.



This image displays the Ortofon Quintet Blue MC Phono Cartridge. It features a distinctive blue body with the 'Ortofon' logo prominently displayed on the side and 'Quintet' subtly integrated into the design. The top surface is metallic, indicating the mounting area, and the stylus assembly is visible at the bottom.

2. KEY FEATURES

- **Moving Coil (MC) Design:** Provides high-fidelity audio reproduction with excellent transient response.
- **Nude Elliptical Diamond:** Mounted on an aluminum cantilever for precise tracking and detailed sound.
- **Neodymium Magnets:** Utilized for optimal output and dynamic performance.
- **Durable Body Material:** Constructed from special ABS (Acrylonitrile/Butadiene/Styrene) thermoplastic and aluminum, offering a lightweight, impact-resistant, and scratch-resistant surface.
- **Pure 4-Nines Copper Coil Wire:** Ensures excellent signal conductivity and purity.
- **Low Internal Impedance:** Enhances compatibility with a wide range of preamplifiers and transformers.
- **Easy Mounting and Alignment:** Designed with right angles, straight lines, and clear stylus visibility to facilitate correct installation on most tonearms.

3. SETUP AND INSTALLATION

Proper installation of your Ortofon Quintet Blue cartridge is crucial for optimal performance. It is recommended to use a quality phono pre-amplifier with adjustable resistive and capacitive loading, as well as gain options, to fully realize the cartridge's potential.

1. **Unpacking:** Carefully remove the cartridge from its packaging. Handle it by the body, avoiding contact with the stylus.
2. **Mounting to Headshell:** Attach the cartridge to your turntable's headshell using the provided screws and nuts. Ensure a secure fit without overtightening.
3. **Wiring:** Connect the four color-coded wires from the tonearm to the corresponding pins on the cartridge. Ensure correct polarity (Red: Right Hot, Green: Right Ground, White: Left Hot, Blue: Left Ground).
4. **Alignment:** Use a protractor to accurately align the cartridge within the headshell. This involves adjusting overhang, azimuth (vertical alignment of the stylus), and Vertical Tracking Angle (VTA) to ensure the stylus tracks the record groove correctly.
5. **Tracking Force Adjustment:** Set the tracking force according to the cartridge's specifications (refer to the 'Specifications' section). Use a reliable digital tracking force gauge for accuracy.
6. **Anti-Skate Adjustment:** Adjust the anti-skate mechanism on your tonearm to counteract the inward force that pulls the tonearm towards the center of the record. This helps maintain even pressure on both groove walls.
7. **Connection to Pre-amplifier:** Connect your turntable's output to a suitable phono pre-amplifier. Ensure the pre-amplifier is set to the Moving Coil (MC) input and adjust gain and loading settings as recommended by your pre-amplifier's manual or through experimentation for best sound.

If you are unsure about any step, consult a qualified audio technician or your turntable's manual.

4. OPERATION

Once installed and properly set up, operating the Ortofon Quintet Blue cartridge is straightforward. Always ensure your records are clean before playback to prevent damage to both the record and the stylus.

- **Record Placement:** Carefully place the record on the turntable platter.
- **Cueing:** Use the tonearm's cueing lever to gently lower the stylus onto the record's lead-in groove. Avoid dropping the tonearm manually, as this can damage the stylus or record.
- **Playback:** Allow the record to play through.
- **End of Playback:** At the end of the record, use the cueing lever to lift the tonearm and return it to its rest.

Note: The Quintet Blue cartridge, like many high-performance cartridges, may not perform optimally with heavily warped records. The cartridge's flat bottom design may cause the stylus to bounce out of the groove on severely warped vinyl. Always use clean, flat records for the best listening experience.

5. MAINTENANCE

Regular maintenance will prolong the life and performance of your Ortofon Quintet Blue cartridge.

- **Stylus Cleaning:** Gently clean the stylus before or after each play using a dedicated stylus brush or fluid. Always brush from back to front (from the cantilever towards the stylus tip). Never brush side-to-side.
- **Cartridge Body Cleaning:** Use a soft, dry, lint-free cloth to wipe the cartridge body. Avoid using harsh chemicals or solvents.
- **Dust Cover:** Keep your turntable's dust cover closed when not in use to protect the cartridge and record from dust and debris.
- **Stylus Inspection:** Periodically inspect the stylus for wear or damage using a magnifying glass. A worn stylus can damage your records and degrade sound quality.
- **Proper Handling:** Always handle the tonearm and cartridge with care. Avoid sudden movements or impacts.

6. TROUBLESHOOTING

If you encounter issues with your Ortofon Quintet Blue cartridge, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound or very low sound	Incorrect wiring, pre-amplifier settings, or faulty connection.	Check all wiring connections between cartridge, tonearm, and pre-amplifier. Ensure pre-amplifier is set to MC input and gain is appropriate.
Distorted or muddy sound	Incorrect tracking force, poor alignment, worn stylus, or dirty stylus.	Verify tracking force and alignment. Clean the stylus. Inspect stylus for wear and replace if necessary.
Skipping or jumping	Insufficient tracking force, incorrect anti-skate, warped record, or dirty stylus/record.	Increase tracking force slightly. Adjust anti-skate. Clean record and stylus. Avoid playing heavily warped records.
Hum or buzzing noise	Grounding issue, interference, or faulty cables.	Ensure turntable and pre-amplifier are properly grounded. Check for nearby electronic devices causing interference. Replace interconnect cables if damaged.

If the problem persists after attempting these solutions, it is recommended to consult a qualified audio technician or Ortofon customer support.

7. SPECIFICATIONS

Attribute	Detail
Model Number	1315042
Cartridge Type	Moving Coil (MC)
Stylus Type	Nude Elliptical

Attribute	Detail
Cantilever Material	Aluminum
Magnet Type	Neodymium
Body Material	ABS/Aluminum
Coil Wire Material	Pure 4-nines Copper
Signal Format	Analog
Product Dimensions	0.99 x 0.99 x 0.99 cm
Item Weight	40 g
Manufacturer	Ortofon
Date First Available	Feb. 14 2014

8. WARRANTY AND SUPPORT

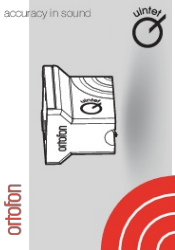

For specific warranty information regarding your Ortofon Quintet Blue MC Phono Cartridge, please refer to the documentation included with your purchase or contact your authorized Ortofon dealer. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.



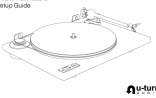
For technical support, service, or inquiries about replacement parts, please visit the official Ortofon website or contact their customer service department. Ensure you have your product model number (1315042) and purchase details available when seeking support.

Ortofon Official Website: www.ortofon.com

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Related Documents - 1315042

	<p>Ortofon Quintet Series Cartridge Installation and Setup Guide</p> <p>A concise guide to installing and setting up the Ortofon Quintet Series phono cartridges, including wiring, mounting, and tracking force recommendations.</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>accuracy in sound</p> 	<p>Ortofon 2M Series Phono Cartridge User Guide Installation & Specifications</p> <p>Comprehensive user guide for Ortofon 2M series phono cartridges, covering installation, wiring, tracking force specifications for models like 2M Red, Blue, Bronze, Black, LVB 250, 78, and Mono, along with support information.</p>
<p>accuracy in sound</p> 	<p>Ortofon 2M Series Phono Cartridges: Technical Specifications and User Guide</p> <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>
	<p>Ortofon VNL Moving Magnet Cartridge User Guide</p> <p>Comprehensive user guide for the Ortofon VNL Moving Magnet Cartridge, detailing mounting, stylus care, and technical specifications for turntablists and portablists.</p>
<p>Orbit Turntable Setup Guide</p> 	<p>U-Turn Audio Orbit Turntable Setup Guide</p> <p>Comprehensive setup guide for the U-Turn Audio Orbit Turntable, covering installation, belt setup, speed changes, connections, and leveling for optimal performance.</p>