

Quintet

Moving Coil Cartridges



ortofon
accuracy in sound

Quintet Moving Coil Cartridges



The MC Quintet Series is a direct result of our continued research and innovation.

The Quintet Story

Nothing demonstrates Ortofon's long-standing resilience more than its commitment to the refinement of analogue sound quality and its continued development of new cartridge models.

Since 1948 Ortofon has introduced about 100 different moving coil models, with our latest being the Quintet Series.

We believe the cartridges in this new series are more than worthy successors to the long line of models that has made Ortofon the global leader in the manufacture and supply of phono cartridges.

Each of the five Quintet Series cartridges has its own individual sonic expression, and all five models together represent the ensemble of five classic variations:

MC Quintet Mono is a true mono cartridge for playing mono microgroove vinyl records.

MC Quintet Red is an all-purpose cartridge that delivers open, dynamic sound with a slight touch of warmth.

MC Quintet Blue adds more dynamics and resolution, sounds more open and reproduces more details.

MC Quintet Bronze adds even more details and resolution but in a very evenhanded way that pays respect to all elements.

MC Quintet Black is the best of everything and is true to the groove with resolution and accurate insight into each recording.

Introduction

The MC Quintet Series is congruent with Ortofon's unrelenting commitment to providing the most precise and accurate reproduction possible without coloration.

A special ABS (Acrylonitrile/Butadiene/Styrene) thermoplastic material is used for manufacturing of the body. This light-weight, impact resistant material is very suitable for injection-moulding and provides a very durable scratch resistant surface.

Neodymium magnets are implemented to achieve an optimal output.

Low internal impedance makes the cartridge less sensitive to load and therefore ensures compatibility with the widest range of preamps and transformers.

Ease of use

Top-mounting of the Quintet cartridges is easy and secure using the screws supplied. The aluminium frame has threaded mounting holes and is fitted easily with the 5mm or 7mm screws depending on the thickness of the headshell.

The Quintet series' right angles, straight lines, stylus visibility and ample distance between the record surface and the cartridge's bottom will make it easy to mount and align the cartridge and tonearm correctly. The Quintet Series gives excellent results with most common tonearms.

Enter the exclusive world of Ortofon's famous moving coil sound



Quintet Mono

is a new true Mono from Ortofon. It features a Nude Elliptical r/R 8/18µm stylus that is a good solution for playing mono microgroove vinyl records. The Quintet Mono will track perfectly through even worn and damaged records and ensure the surface noise control. Quintet Mono uses a strapped output to deliver the same output signal from both sets of pole pins. This effectively eliminates the need for mono-specific equipment, making it possible to enjoy true mono reproduction on any stereo playback system. Quintet Mono is the best cartridge in the Quintet series to play monophonic records.



Quintet Red

is a perfect introduction to the world of Ortofon moving coils. It features an Elliptical diamond which is cut and polished to Ortofon's standards. This entry-level MC cartridge has very high price-to-performance ratio and is a perfect all-rounder for the newcomers to the world of Moving Coil cartridges.



Quintet Blue

is a very homogeneous cartridge whose sound image will tend to more smooth reproduction compared to Quintet Red and moderate dynamic strength compared to Quintet Bronze. It features a Nude Elliptical diamond mounted on an aluminium cantilever. The Quintet Blue will bring more space, depth and detail into the sound and is a very good choice for any kind of music, especially rhythmic.



Quintet Bronze

moves into the higher league of the Quintets. The slim profile of its Nude Fine Line diamond stylus will track even the highest frequency information, making it a must for discerning listeners. Additionally its larger footprint ensures reduced distortion and record wear. The sound will be very evenhanded with respect to all aspects. Classical music will be reproduced with power and open space around each of the instruments. All types of music will be conveyed with the highest accuracy, precision and dynamics.



Quintet Black

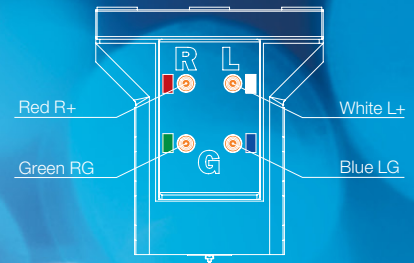
is the best example of Quintet's overall excellence. The Quintet Black is graced with a Nude Shibata diamond, considered one of the best stylus profiles available, mounted on a high-performance Boron cantilever. The Shibata's slim, highly polished profile allows an exceedingly wide contact area to the walls of the groove and ensures detailed and pure reproduction throughout the spectrum, including even the most high frequency groove information. The Quintet Black will be unfettered by musical genre and will give the closest approach within the Quintet Series to Ortofon's true accuracy in sound.

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Get more information about
MC Quintet Series cartridges.



TECHNICAL DATA	MONO	RED	BLUE	BRONZE	BLACK
Output voltage at 1 kHz, 5 cm/sec.	0.3 mV	0.5 mV	0.5 mV	0.3 mV	0.3 mV
Channel balance at 1 kHz	-	< 1.5 dB	< 1.5 dB	< 1.2 dB	< 1.0 dB
Channel separation at 1 kHz	-	> 21 dB	> 21 dB	> 23 dB	> 23 dB
Channel separation at 15 kHz	-	> 14 dB	> 14 dB	> 15 dB	> 15 dB
Frequency range at -3 dB	20-25.000 Hz	20-25.000 Hz	20-25.000 Hz	20-25.000 Hz	20-25.000 Hz
Frequency response 20-20.000 Hz	± 2.0 dB	± 2.5 dB	± 2.5 dB	± 1.5 dB	± 1.5 dB
Tracking ability at 315 Hz at recommended tracking force*)	70 µm	65 µm	70 µm	80 µm	80 µm
Compliance, dynamic, lateral	15 µm/mN	15 µm/mN	15 µm/mN	15 µm/mN	15 µm/mN
Stylus type	Nude Elliptical	Elliptical	Nude Elliptical	Nude Fine Line	Nude Shibata
Stylus tip radius	r/R 8/18 µm	r/R 8/18 µm	r/R 8/18 µm	r/R 8/40 µm	r/R 6/50 µm
Tracking force range	2.1-2.5 g (21-25 mN)	2.1-2.5 g (21-25 mN)	2.1-2.5 g (21-25 mN)	2.1-2.5 g (21-25 mN)	2.1-2.5 g (21-25 mN)
Tracking force, recommended	2.3 g (23 mN)	2.3 g (23 mN)	2.3 g (23 mN)	2.3 g (23 mN)	2.3 g (23 mN)
Tracking angle	20°	20°	20°	20°	20°
Internal impedance, DC resistance	5 Ohm	7 Ohm	7 Ohm	5 Ohm	5 Ohm
Recommended load impedance	> 20 Ohm	> 20 Ohm	> 20 Ohm	> 20 Ohm	> 20 Ohm
Cartridge body material	ABS/Alu.	ABS/Alu.	ABS/Alu.	ABS/Alu.	ABS/Alu.
Coil wire material	Pure 4-nines silver	Copper	Pure 4-nines silver	Pure 4-nines copper	Aucurum
Cartridge colour	White	Red	Blue	Bronze	Black
Cartridge weight	9 g	9 g	9 g	9 g	9 g

*) Typical value