

The Ortofon MC Century coming soon

Ortofon is proud to present the MC Century, a newly developed Anniversary cartridge model.

The MC Century represents the absolute top of Moving Coil cartridges. This state of the art product is truly exemplary of the highest degree of performance possible in contemporary analogue playback technology.

The MC Century represents numerous Ortofon design elements and ideals:

- The housing and the body of the cartridge are made in Titanium with SLM technique. The Selective Laser Melting technique was pioneered by Ortofon for manufacturing of the MC A90 and the SPU A90 cartridges.
- The magnet system is heavily based on that used in the MC Anna cartridge. High performance iron-cobalt alloy is applied for some parts of the magnet system.
- The armature damping system provides complete elimination of unwanted resonance.
- Ortofon Replicant 100 diamond, thin and light, with an extraordinarily large contact surface, tracing accuracy unparalleled by any other needle in existence.
- The crystal structure and exceptional hardness of the new Diamond cantilever ensures the best possible interface between the stylus and the armature.
- The combination of Nude Ortofon Replicant 100 diamond on Diamond cantilever provides extremely responsive and transparent sound reproduction.

High-end materials benefit new coil technology

An engineering feature adding to the damping capability of the MC Century cartridge is the Selective Laser Melting process in which fine particles of Titanium are welded together, layer-by-layer, to construct a single piece body devoid of unnecessary material.

Using this technique the density of the body can be precisely controlled, allowing for extremely high internal damping. The final result provides absolute freedom from resonances existing in the cartridge body material and allows for the MC Century to be perfectly matched with an extremely wide array of different tonearms. Because of the nature of SLM-based construction, each cartridge body is cosmetically unique and will show small dimples or lines under close examination.



Using expensive ultrapure oxygen free copper allows for zero-loss transmission of the diamonds movements via Diamond cantilever. This combination combines low moving mass with an extremely high degree of rigidity.

The specially designed precision moulded non-magnetic armature achieves an extreme precision in each coil turn in all layers. The armature design allows a very well defined interface to the rubber absorbers. The material applied for the armature has very high strength and rigidity.

The bottom cover has been constructed from a special proprietary TPE (Thermo-Plastic Elastomer) material, which provides extremely high damping.

Output impedance of 6 ohm and a low to medium output voltage of 0.2 mV make the MC Century a perfect partner for most phono preamps and step-up transformers, including the Ortofon ST-80 SE.

When combined with Ortofon's world-class knowledge in analogue sound reproduction, the new MC Century will undoubtedly provide sound which is literally unsurpassed and simply has to be experienced.



2018 NEW RELEASE



Technical data:

• Output voltage at 1 kHz, 5cm/sec.:	0,2 mV
• Channel balance at 1 kHz:	0,5 dB
• Channel separation at 1 kHz:	25 dB
• Channel separation at 15 kHz:	22 dB
• Frequency response:	20 Hz - 20 kHz + / - 1,5 dB
• Tracking ability at 315 Hz at recommended tracking force:	80 μ m
• Compliance, dynamic, lateral:	9 μ m/mN
• Stylus type:	Special polished Nude Ortofon Replicant 100 on Diamond cantilever
• Stylus tip radius:	r/R 5/100 μ m
• Tracking force, recommended:	2,3 g (23 mN)
• Tracking angle:	23°
• Internal impedance, DC resistance:	6 Ohm
• Recommended load impedance:	> 10 Ohm
• Cartridge body material:	SLM Titanium
• Cartridge colour:	Silver/Black
• Cartridge weight:	15 g

