

A95

Moving Coil Cartridges



ortofon
accuracy in sound

Improving on perfection

Ortofon is proud to launch the MC A95, a world class moving coil cartridge to commemorate the 95th anniversary of Ortofon's technical leadership in the audio industry.

With the MC A95, the bar is raised for its predecessor, the MC A90. The MC A95 not only celebrates the past 95 years of Ortofon, first and foremost it also makes history by significantly raising the standards by which sound reproduction is measured, making it a celebration of sound itself.

The new Ortofon MC A95 has gone to the next level by reducing unwanted vibrations and increasing the dynamic capability of the cartridge. Our extensive knowledge of vibration properties, characteristics in different shapes and materials, competences in magnetism, mechanical design and new technologies has been applied for optimization of the MC A95.

Those who choose to adopt the MC A95 will experience the lifelike, open sound, with exceedingly clear midrange for a presentation that is unparalleled. The MC A95 remains extremely musical while paying close attention to its delicate, but also analytical nature. Lovers of music will take note of a truly organic presentation that transcends the boundaries of recording and undeniably blurs the distinction between what

A specially designed armature is used to achieve extreme precision in each coil turn in all layers. This enables the MC A95 to achieve a higher degree of channel separation, while simultaneously offering lower distortion and better channel balance. The armature is made in a metal alloy which is much less magnetic than normal iron, which boosts the dynamic capability of the cartridge.

Coil wire protection has been constructed from our special high damping proprietary TPE (Thermo-Plastic Elastomer) material, which enhances the total damping properties of the cartridge.

Increase in dynamics, resolution and richness in detail

Ortofon's Field Stabilizing Element, a small cylinder of conductive material strategically placed inside the magnet system, guarantees

platinum disc is sandwiched between two rubber absorbers, both with different properties. This ensures not only an exceptional tracking performance, but also creates a perfect damping through the entire frequency spectrum. Because of this, distortion and resonance are virtually eliminated entirely.

The WRD system is one significant reason why the MC A95, while achieving the most linear frequency response and the highest upper frequency limit ever, at the same time tracks an impressive 90 µm at a vertical tracking force of 2.3 grams.

As in the former MC A90, MC Windfield, Xpression and MC Anna cartridges, the MC A95 makes use of Ortofon's Replicant 100 diamond, known for its thin and light profile and extraordinarily large contact surface. Since the Replicant 100 is closest to the shape of the cutting stylus, it can trace with accuracy unparalleled by any

seemingly endless array of turntable equipment.

Low internal impedance load and therefore ensures SE transformer, as well as transformers.

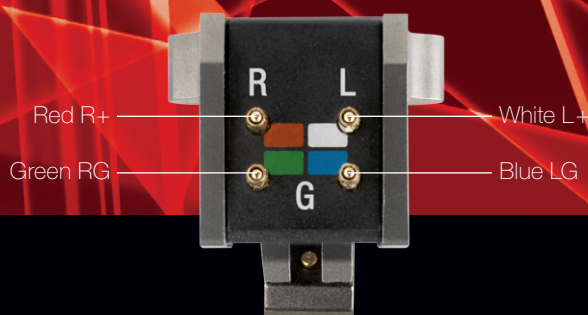
By combining the utilized WRD system and zero perfect mechanical interplay will result in a significant resolution, and richness

The MC A95 will undoubtedly surpass and simply

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Selective Laser im together, layer- oid of extraneous nrol of the density gh internal damping, ns within the has provided a further ies as well as to the

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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 range at - 3dB	10 Hz - 50 kHz
Frequency response	20 Hz - 20 kHz + 2 dB / - 1 dB
Tracking ability at 315 Hz at recommended tracking force	90 µm
Compliance, dynamic, lateral	13 µm/mN
Stylus type	Special polished Nude Ortofon Replicant 100 on Boron Cantilever
Stylus tip radius	r/R 5/100 µm
Tracking force range	2,0-2,5 g (20-25 mN)
Tracking force, recommended	2,3 g (23 mN)
Tracking angle	23°
Internal impedance, DC resistance	7 Ohm
Recommended load impedance	> 10 Ohm
Coil wire material	Aucurum
Cartridge body material	SLM Titanium
Cartridge colour	Silver
Cartidge weight	6 g