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PRESS RELEASE
for immediate attention
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The masters of innovation scale new heights: Clearaudio's new 'Master Innovation' turntable

UK specialist hi-fi distributor Sound Foundations is thrilled to announce the arrival of the new Clearaudio Master Innovation turntable. This latest addition to the classic Innovation series represents a new height in Clearaudio's ongoing quest for perfection.

And the name is no accident. This cutting-edge, feature-packed masterpiece really is a 'master of innovation'. Derived from Clearaudio's no-compromise flagship Statement turntable, which is considered by some to be the world's finest¹, the Master Innovation showcases an abundance of Clearaudio's most ground-breaking patented advances.

The aim? To produce a performance from vinyl records that even the original recording artists could only dream of. And, requiring less than a fifth of the investment of the Statement, to bring such dreams within audiophile reach.

Master innovation #1: Peerless no-contact magnetic drive

The Master Innovation features a floating main platter assembly that revolves without any physical contact with the drive source.

What at first glance appears to be a complex vertical stack of platters is in fact a two-piece main platter, an upper magnetic drive platter and a two-piece lower magnetic drive platter. A narrow gap separates the upper and lower magnetic drive platters so they do not physically touch. Instead, a ring of powerful magnets embedded in each transfers drive from one to the other so that the entire main platter assembly precisely rotates - floating on, and driven by, nothing but a magnetic field.

In addition to providing silent, frictionless and contactless drive, this system gives the Master Innovation twice the flywheel mass of the renowned Innovation turntable.

Master innovation #2: Ceramic Magnetic Bearing (CMB)

Fans of Clearaudio will already be familiar with the company's patented Ceramic Magnetic Bearing (CMB) technology, which uses opposing magnets to suspend the main platter. A ceramic shaft, chosen because it can be polished to a much higher level than metal, serves only to centre the revolving platter; due to the weight of the platter being supported by magnets, there is no point of load to cause friction, to wear or generate noise.

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In the Master Innovation, the ceramic shaft continues through the magnetic bearing where it is attached to the upper magnetic drive platter. As a result, the entire upper magnetic drive platter and two-piece main platter assembly floats and is driven by magnetic force. Again: no contact, no noise.

Master innovation #3: Optical Speed Control (OSC)

The Master Innovation's drive system employs Clearaudio's patented Optical Speed Control (OSC) technology. The lower magnetic drive platter is a two-piece design, the lowest part being a 15mm-thick stainless steel platter on the underside of which is a stroboscope ring microscopically etched with 1,500 bars (far too small to see). The stroboscope ring is read by an infrared sensor thousands of times per second and the information is fed back to the motor, which is then adjusted as necessary. The result is an outstanding level of speed stability and precision.

Master innovation #4: Exceptional dynamic and elegant construction

The Master Innovation's complex platter and drive system is supported by a highly dynamic and beautifully-engineered chassis, comprising four main levels:

- The lower two levels support the lowest magnetic drive platter, the high-torque DC motor, the control panel and the Optical Speed Control (OSC) system.
- The upper two levels house the Ceramic Magnetic Bearing (CMB) in which float the main platter and upper magnetic drive platter, and also provide mountings for up to three tonearms.

Each of the four levels consists of a complex sandwich of aluminium - Panzerholz®-aluminium. Panzerholz® is a wood-based bullet-proof armour-plating material that is formed under immense pressure and has exceptional resistance to resonance.

If you dream of owning the world's finest turntable but have yet to make your fortune, the Master Innovation may well be the next best thing. Its mould-breaking combination of state-of-the-art patented features and exquisite design place it firmly at the very top its class.

The Master Innovation is available with a variety of finishes and materials: black or

silver anodised aluminium components; clear or high gloss black lacquered Panzerholz®; and black POM or clear acrylic platters.

In keeping with Clearaudio's commitment to long-term customer satisfaction, owners of the Innovation model are able to upgrade to the new Master Innovation.

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The new Clearaudio Master Innovation:
state-of-the-art advances, striking design, outstanding musicality
- and a remarkable price tag.

Technical specifications: Clearaudio Master Innovation

Construction principle	Resonance optimised chassis. Panzerholz® and aluminium sandwich construction.
Speeds	Electronic, 33 1/3, 45 & 78rpm.
Drive system	Belt-driven magnetic contactless drive system incorporating Clearaudio Optical Speed Control.
Main turntable bearing	Clearaudio Ceramic Magnetic Bearing.
Main platter assembly	70mm dynamically balanced main platter, made of acrylic or high density POM on top of 15mm precision CNC-machined dynamically balanced stainless steel sub-platter. Linked via ceramic shaft to upper magnetic drive platter.
Speed accuracy	+/- 0.05%
Weight	Approximately 60kg (excluding tonearms and power supply)
Dimensions (W x D x H)	479 x 485 x 425mm
Finishes	Silver & wood / black
Manufacturer's guarantee	5 years (provided correctly filled out warranty card is returned to Clearaudio within 2 weeks of purchase).

UK selling price (inc. VAT)

Clearaudio Master Innovation (silver & wood)	£14,500
Clearaudio Master Innovation (black)	£15,400

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Notes

1. Selected reviews and quotes available at
http://www.clearaudio.de/_en/lw_Statement.php

Key to abbreviations

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CNC Computer Numerical Control, refers to the precision automation of machine tools.

POM Polyoxymethylene, an engineering thermoplastic used in precision parts which has a comparable density to a vinyl record, thereby conducting unwanted resonance away from the record.

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