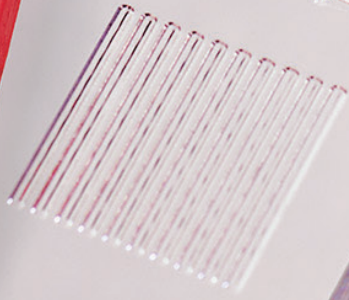


VERTERE
dynamic groove



DG X Record player & Groove Runner X Tonearm

The New DG X: A Ground-breaking Evolution of an Award-Winning Record Player

The all-new DG X has been reimagined and elevated to a high-end, reference-class record player, offering unparalleled performance with exceptional ease of use.

Designed to captivate everyone from curious newcomers to passionate audiophiles, its seamless upgradability and refined features ensure it delivers an extraordinary vinyl experience for listeners at every level of expertise.

Performance Redefined: Pushing the Boundaries of Vinyl Playback

The DG X redefines performance with enhancements across every key component.

Upgrades to the Main Bearing, Motor Drive, Suspension, and the innovative 3-layered Plinth structure work in harmony to eliminate unwanted resonance, delivering a new level of clarity.

The Groove Runner X Tonearm, alongside optimised internal wiring and connections, ensures the most faithful reproduction of your vinyl collection, bringing out the richness and detail in every track.

Visually Striking, Now Even Better

The DG X continues to turn heads with its stunning design, now elevated to new heights.

Every signature feature and design element from the original has been meticulously refined and enhanced. With upgraded materials, advanced manufacturing techniques, and a flawless finish, the DG X is not only a performance powerhouse but a true work of art.

User-Friendly Innovation at Its Finest

The DG X takes user-friendliness to new heights, even for a high-performance record player. With its streamlined factory setup packages, the DG X can be unboxed, installed, and ready to deliver an exceptional listening experience in under 10 minutes.

Travel with Confidence - Powered by the Groove Runner X Tonearm

The new Groove Runner X tonearm offers the ultimate in convenience and protection. Easily removable and safely stored in the included packaging, combined with secure transit screws, the DG X can be transported with confidence. Upon arrival, it's ready to be reinstalled and fully set up in just 10 minutes - ensuring a seamless experience no matter where your journey takes you.

Exceptional Engineering, Unveiled in a Timeless Design

From the cutting-edge Motor Drive and precision Main Bearing to the advanced Groove Runner X Tonearm, every element of the DG X has been meticulously engineered for peak performance.

Behind its stunning, timeless design lies a new standard of innovation and craftsmanship - offering the highest level of engineering, seamlessly integrated into a form that is as beautiful as it is functional.

A Tonearm Designed to Maximise Cartridge Performance

The Groove Runner X's innovative Double 5-layer polymer-bonded tonearm beam offers unparalleled support for high-performance phono cartridges, perfectly matching their requirements and enhancing their capabilities beyond expectation. Its precision-engineered tonearm bearing, which integrates the main counterweight and front weight, ensures the ideal effective mass for optimal cartridge performance. The dynamic geometry of this remarkable tonearm, combined with an incredibly simple adjustment process, establishes the perfect connection between the cartridge and the record, ensuring exceptional sound clarity and fidelity.

Designed to Evolve with You and Your Musical Journey

The DG X is built to grow alongside you, adapting to your evolving musical preferences. Starting with its premium base package, the DG X offers a range of upgrade options, from stepping up to higher-grade cartridges to enhancing your setup with superior output interconnects and mains cables. Each upgrade elevates performance, improving resolution, dynamics, and background noise reduction.

Whenever you're ready to take the next step, your trusted Vertere retailer will be on hand to guide you through the options. With A/B demonstrations available in mere minutes, they'll help you find the perfect upgrade to further refine your listening experience.

World-Class Technology, Discreetly Embedded

The DG X seamlessly combines its fundamental design with cutting-edge technology and precision manufacturing to deliver exceptional high-end performance. Despite its understated appearance, this remarkable record player rivals equipment costing several times its price, offering an experience that speaks to the true depth of its engineering.

Uncompromising Precision Drive System for Reference-Level Performance

At the heart of the DG X is our most advanced motor drive and control circuit, engineered to provide the perfect platform for any of our high-performance cartridges. This super-precise system ensures unrivalled vinyl playback, delivering every nuance of your favourite music with unparalleled clarity and fidelity.

The Simplest Approach to the Best Possible Design

The Motor

In case you thought the motor's only job was to make sure the record rotates at the correct speed, think again: as the only source of energy for the signal generated by the cartridge, in short the music we hear, it's arguably the most important component of any record player. The DG X's motor system is derived from that developed for the flagship RG-1 Reference Motor Drive and it is as sophisticated as it is innovative yet it sits hidden away inside the main steel chassis.

DG X's advanced motor drive incorporates a programmable microprocessor with a D/A convertor to provide low distortion sine and cosine waves that are used to turn the motor. The signals generated are then amplified to the correct level using two bridged-balanced amplifiers.

The amplified drive signals then feed and control every move of the motor to ensure a linear, smooth turning of the drive pulley. The motor itself is a low voltage Precision Synchronous design, individually 'tuned' for the lowest noise by adjusting the microprocessor controls during manufacture. A copper foil and a stainless-steel cover provide shielding of both inward and outward interference to ensure the best possible performance. The result is accuracy and precision of drive to the motor that ultimately is responsible for extraction of the music from the record groove. There is a service panel on the underside of the chassis to facilitate connection to the motor drive PCB for future adjustment and software upgrades.

The Platter

Drive to the platter is via a precision machined aluminium alloy pulley on the motor and a bespoke silicon rubber drive belt for smoothness and durability, while electronic speed change, via a switch to the rear of the plinth top-plate, adds to the ease of use and removes any need for belt-handling. Like the pulley, the platter itself is also precision-machined alloy, to the top of which is bonded a PETG record interface mat. On the underside an aluminium alloy bonded disc controls platter resonance while a cork/Neoprene/nitrile bonded disc protects the acrylic plinth from accidental damage that could be caused by the platter inadvertently touching the plinth.

The Main Bearing

The platter fits onto the super polished stainless-steel spindle that rides on a precision tungsten carbide ball in the high tolerance DG X main bearing housing. The complete bearing assembly is long-term lubricated for longevity and ease of use. This avoids regular repeated recharging of the bearing lubricant, which is essential to prevent premature wear and damage - another example of simplifying record player maintenance and optimising performance. DG X's new optimised aluminium alloy bearing clamp ensures optimum interface with the sub-plinth and combined with the new tolerance improved bearing assembly delivers even lower noise, lower rumble and higher rotational stability all essential for accurate playback of records.

The Tonearm

The DG X arm, Groove Runner X, is uniquely Vertere and differs from conventional thinking in its use of a flat profile in place of the usual tube. Conventional arms use tubes for stiffness, but these can introduce all kinds of problems with high Q resonances and thus the need for extra damping - complicated and sometimes undesirable. DG X's bonded double five-layer, non-resonant tonearm beam avoids these problems. In addition, in place of its predecessor's flexible PCB, Vertere Pulse internal wiring is used to 'carry' the signal from the cartridge. Completing the arm are a stainless steel counterweight with azimuth adjustment screw and a fine adjustment tracking weight, to provide a total solution that's as simple and elegant as it is innovative. With these two weights the arm effective mass can be set to match perfectly the cartridge used for optimum performance.

Tri-Point bearing

Groove Runner X bearing assembly has been upgraded from the thread bearings of GR-S to its bigger brother, SG-1 tonearm's, Tri-Point bearing system. This upgrade improves rigidity in supporting the cartridge and enhances the agility of the arm/cartridge union to respond much faster to groove modulations and bring to life music's true dynamics.

The adjustable bearing point on the GR X provides simple and precise setting of the VTA (Vertical Tracking Angle) for optimum performance. GR X benefits from having a detachable internal wiring that allows the entire arm beam to be removed from the tonearm bearing pillar. This ensures absolute safety when the record player is transported and yet keeps the setup of the arm/cartridge intact to be refitted when the record player is next installed without the need for further alignment - simple and effective.

The Plinth

DG X Plinth and Chassis - Precision Crafted for Unmatched Performance

The DG X's plinth is a masterful example of engineering, featuring a sophisticated three-layer sandwich construction. The main plinth and sub-plinth are composed of non-resonant cast acrylic, chosen for its superior ability to eliminate unwanted vibrations and preserve the integrity of sound. This clean and sophisticated design is not just about aesthetics - it's about achieving a new standard of audio precision.

Incorporating key functional elements seamlessly into the design, the DG X's plinth includes the control button, speed indicator light, and user-selectable standby mood lighting. The thoughtful integration of these features further elevates the user experience, enhancing both convenience and ambiance.

At the heart of the design is a suspension system that isolates the sub-plinth from the main plinth and chassis. This isolation strategically 'distances' the bearing/platter assembly and tonearm/cartridge from the structural components, minimizing vibrations and ensuring that every musical detail is faithfully rendered.

Sitting atop a critically-damped steel chassis, the plinth assembly benefits from optimal stability. The motor drive circuit and motor are housed within this stable foundation, supported by three adjustable feet for precise levelling and performance.

Completing the design, the DG X features a sleek, formed acrylic dust cover that clips neatly onto integrated hinges, creating a modern, streamlined profile that complements the elegance of the record player's overall look.

