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Analogue Airbearing Technology

Galder & Odin Signature

Airbearing turntable, linear tracking airbearing tonearm



Advantage in using air bearings

The platter is centered by a steel spindle, running in a very frictionless, low noise and hard wearing polymeric bearing material, and floats on a thin air cushion, which lower the mechanical bearing noise to an absolute minimum- if any.

(A traditional bearing solution, which keep the platter centered AND support the platter weight, makes a higher level of mechanical bearing noise, as the contact point between spindle top and platter, generates a very high pressure – and hereby noise.)

By floating on an air cushion, the platter also gains the advantage of a very good isolation from the surroundings, same way as the known-and very expensive- air supported shelves, used in many highend audio systems.

Also the speed stability benefit from the air supported platter. The musical flow is really extraordinary – not necessarily measurable but audible.

Galder & Odin Signature turntable

In 2022 it was 5 years since we launched the well-known classic Galder & Odin, which, from the beginning, has won great acclaim – for design, technology, craftsmanship, ease of use, and not least the sonic qualities. With the Galder-Odin Signature, we have taken this system to a new sonic level.

The platter has increased dramatically in weight. From the Classic aluminum 11.7kg platter, to the Signature 36kg stainless steel platter. It gives a more solid foundation in all frequencies, and music simply comes even more alive.

The platter is in two parts, to ease the handling.

The feet, machined in solid stainless steel, and ceramic balls inside, are improved, and still have the same ingenious function and adjustment as at the Classic Galder. The main armboard that makes the connection between the tonearm and the plinth, has been improved, so that it simply makes the fixed part of the tonearm stiffer. Furthermore, the VTA and overhang adjustment has become easier to fine tune, by adjustment screws.

The *Signature* achieve even more depth and weight in the low frequencies.

The transparency is dramatically improved, and the full sound image has become even more vivid.



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Danish design - produced in Denmark

Galder & Odin Signature

Airbearing turntable, linear tracking airbearing tonearm

Technical specification:

Turntable and tonearm system

Airbearing design.

Vacuum hold down.

Accept 2 additional tonearms. All tonearm designs, radial – and linear tracking.

Plinth:

Black-coated die cast aluminum.

Platter/Bearing:

A 2-piece stainless steel platter floats on air. 3mm acrylic mat.

Centered by hard anodized spindle/hardwearing low friction polymer bearing.

Platter weight: 36 kg.

Feet:

Adjustable feet. Stainless steel/ceraball construction.

Dimensions: 365 x 480 x 190mm (D x W x H)

Total weight: 61.0 kg.

Motorbase:

Tacho motor with high precision feedback control system.

33 & 45

Belt driven

Tonearm:

Linear tracking airbearing tonearm.

Aluminium/carbon.

Armtube damped inside.

Counter weight decoupled from armtube.

Adjustments: VTA, overhang azimuth, levelling. Tracking force.

Wire: Pure copper litz.

Clips: Gold plated copper.

Connectors: Gold plated RCA or DIN.

Effective mass: 14g.

Airsupply:

Silent, clean, dry and smooth airflow. Replaceable filter.

Easy accessible dust filter, for easy cleaning and replacement.

Dimensions: 465 x 225 x 235mm. (D x W x H)

Weight: 18,2 kg.



We focus on thoroughly considered simple constructions, made with few parts in solid materials, to avoid unintended resonances and to secure optimum stability.

