



LINN

LP12 SE UPGRADES

A REVELATION IN TURNTABLE PERFORMANCE



LINN

SONDEK LP12

The new LP12 SE upgrades from Linn offer a revelation in turntable performance, to deliver even more music from your vinyl collection.

Comprising the Ekos SE tonearm, Keel sub-chassis, armboard and collar, and a new metal Trampolin base board, each upgrade represents the highest performance product of its type ever produced by Linn.

The upgrades benefit from design and craftsmanship of the highest standard, developed over 35 years of Linn's precision engineering experience. Each upgrade delivers a revelation in performance in its own right, but combined the result is absolutely breathtaking.



EKOS SE

Ekos SE is Linn's flagship tonearm, designed to nurture your vinyl and extract the maximum information from your cherished vinyl collection.

Setting a new performance benchmark, Ekos SE features advanced materials carefully selected for their mechanical properties, low resonance characteristics and ultimate sound performance, to extract even more music from your vinyl collection. These materials include a machined titanium arm tube to reduce resonance within the arm and a stainless steel bearing housing which helps reduce unwanted tonearm movements.

Every Ekos SE tonearm is built to last using the latest manufacturing techniques and handcrafted to the highest quality standard, so that you can continue to enjoy your vinyl collection for decades to come.

Ekos SE also comes with T-Kable, Linn's low-loss cable which protects the audio signal the audio signal in transmission to the pre-amplifier, getting you even closer to the original recording.

DESIGN FOCUS ON THE EKOS SE BEARING HOUSING

In the development of the Ekos SE virtually every component has changed, however we will focus on the bearing housing. The horizontal bearing housing has undergone extensive modification, however the primary engineering goals have remained the same; the bearing assembly must be very rigid, resonance free, temperature stable and free from play whilst maintaining extremely low levels of friction.

The improvements we have made over the original Ekos tonearm include machining the bearing mating surfaces to an even higher tolerance and better surface finish. This improves the fit between the bearings and the housing which ensures minimum friction. All mounting and assembly holes are finished to the highest standards and where possible have been moved outside the central bearing area, ensuring a stress free assembly that will not distort once assembled into the main arm unit.

The wall thickness of the bearing assembly has been increased approximately three fold. This increases the strength and also considerably reduces resonance throughout the arm.



Reduction in the number of components ensures that the arm is mounted directly to the arm collar rather than being mounted via an additional tube assembly. The strength of the single component avoids the risk of distortion and ensures minimum loss of information when locked together.



■ Ekos SE bearing housing

TRAMPOLIN

Designed to provide additional isolation for your Sondek LP12 turntable, the Trampolin is fitted directly to the wooden plinth of the turntable.

It is manufactured from high quality aluminium and features acoustic dampening material to minimise unwanted movement and vibration to provide an even better audio performance.

The Trampolin base board can be specified on all new Sondek LP12 turntables or to upgrade your existing Sondek LP12, bringing a revelation in performance and an even more involving musical experience.

KEEL

The Keel is a combined sub-chassis, armboard and collar machined from one solid piece of aircraft grade aluminium alloy, providing rigid support to the tonearm and platter for even more accurate reproduction of your vinyl collection.

There are no screws, fixings or joins between each part, which significantly reduces vibration for enhanced audio performance.

The Keel has been engineered to maintain the same mass and centre of gravity as achieved with the separate sub-chassis, armboard and collar, ensuring that it integrates seamlessly with the suspension system of every Sondek LP12 turntable.

The Keel is produced in a standard black anodised finish to complement the simple design of the Sondek LP12 turntable.



FOCUS ON LINN'S ADVANCED MACHINING METHODS

Sophisticated manufacturing processes have been developed for the Keel to ensure that the highest possible audio performance is achieved.

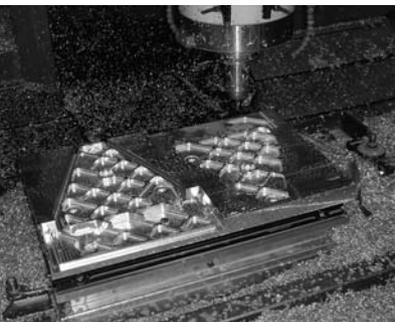
We have taken great care to ensure that the Keel is completely free from any distortion which would degrade the audio performance. Our machining process enables us to hold the material securely around the edge in a stress-free manner when machining the part, as opposed to common machining methods which

use huge clamps to hold the material in place, causing significant distortion.

The bottom surface of the Keel is 'pocketed out' with a machining pattern designed for maximum strength, along with an overall weight and centre of gravity to match that of the original sub chassis, arm board and collar assembly.

The differing wall thickness and depth of pocket variations break up vibration and also ensure correct weight distribution. ■

HOW THE KEEL IS MACHINED



■ Bottom surface of the Keel being pocketed out



■ Final top surface machining



■ Finished rear surface. Differing wall thickness and pocket variations breaks up vibration



■ The Keel is diamond machined for the smoothest finish possible



LINN
EKOS SE



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