

## **LP12 Cirkus Upgrade**

The LP12 has had many upgrades through the years. The major ones were given exotic names, like Nirvana, Valhalla, Lingo, Trampolin reflecting the advances in accurate sound reproduction which they represented. There have also been many unnamed improvements like new feet, new baseboard, new armboard, new suspension springs and grommets and new plinth. The list is long and it means that an LP12 need never be out of date.

The Cirkus upgrade to the LP12 focuses on bearing performance and the connection of the bearing housing to the sub-chassis. The improved bearing and stronger sub-chassis arrangement provides the turntable with greater stability and ensures the bearing sits perfectly true to the chassis of the turntable. This in turn minimises the risk of turntable platter movement with respect to the sub-chassis and arm. Even the slightest movement will introduce audible degradation to the reproduced signal.

Together the changes to the bearing and the sub-chassis make an enormous difference to the overall performance of the turntable. The specific changes are as follows:

1. The thickness of the bearing housing mounting flange has been substantially increased and undercuts eliminated to make it many times more rigid. This also allows the use of larger mounting bolts.
2. Increased distance between top and bottom liners in the bearing housing to make it as stable as possible eliminating even the smallest amount of rocking
3. An increase in the height of the bearing housing from the top of its inner liner to increase oil capacity, ensuring proper lubrication of the top bearing at all times.
4. Double thickness sub-chassis to improve rigidity, reducing flexing and improving control of the relationship between key components

The attached kit of parts, which includes a new inner platter and spindle, is supplied to fit this upgrade. As always with Linn product improvements, new LP12 turntables will incorporate this upgrade as standard.

All Linn products are subject to continuous development programmes and we aim to make similar advances in sound quality in future as we have in the past.