

# Product information 820 / 820S

## ➤ Features

When it was launched, the LINDEMANN 820 Super Audio CD Player set a new standard for CD and SACD reproduction. To this day it remains one of the world's best digital sources. Its impeccable musicality is legendary. No other player can captivate the listener like the 820 while remaining totally faithful to the original recorded sound.

We have now further enhanced the performance of this exceptional component.

We started by re-examining the myriad of factors that contribute to the sound of a digital source. Our findings led to a fundamental revision of the D/A converter board. And it is this totally new PCB layout, designed specifically for DAC circuit applications, that is responsible for the breakthrough into a new sonic dimension.

**The new 820S is even more poised than its predecessor, with extra musical detail and atmosphere. Instruments are wonderfully complex, rich and powerful, appearing full-bodied on a sublime soundstage. Tonal colours are silkier, airier and more relaxed, providing a level of detail that allows you to hear every nuance of dynamic shading. The 820S articulates moods with infinite sensitivity; there is a greater sense of the musicians playing together. Such naturalness and startling presence are unprecedented even in this elevated class.**

We have made significant improvements in a number of technical areas, particularly the jitter performance and the already extremely low interference level of the DAC module.

- The jitter performance of the master clock oscillator is considered a key quality driver in digital to analogue conversion. It has a direct influence on virtually all of the factors that influence the quality of the reproduced sound. Extremely low jitter values translate into impressively natural and 'real' soundscapes and are a prerequisite for freedom from listening fatigue.
- The use of an innovative type of capacitor in the converter's 'on-board' power supply, in combination with the highly complex layout of the 4-layer PCB, leads to a further and noticeable reduction in high frequency interference components in the band up to 10 MHz. Although outside the audible frequency range, this 'out-of-band' noise can still generate undesirable intermodulation effects which will indirectly affect the sound quality of the associated amplifier.

Also new is the use of a special lead-free solder with a high silver content in the manufacture of the modules. This detail, like the use of gold-plated, pure copper fuses, makes a considerable contribution to the improved sound quality.

Modifications to the tried and tested servo board and special close-tolerance adjustments to the laser unit guarantee the excellent reading reliability of the 820S, even with problematic hybrid SACDs.

Completely revised firmware now makes the 820S even easier to operate and provides a standard menu that is used in all LINDEMANN 800 Series components. This feature comes into its own when the components are interlinked using the SYSCOM interface.