

soulution launches new 7 series

757 deemphasis preamplifier debuts at Highend 2023



Dulliken, May 2023

The new soulution 7 series products are new designs from ground up and do clearly outperform their highly praised predecessors. Following our credo: do not add anything, do not omit anything, we challenged ourselves by asking the question: “Can we add less and omit less compared to what we have already achieved”? Key improvements for the new 757 deemphasis preamplifier:

- common mode rejection ratio > 125dB,
- bandwidth increased to 2MHz (deemphasis corrected)
- deviation from deemphasis curve reduced to +/- 0.1dB,

The 757 deemphasis preamplifier reveals the full potential and beauty of analog records with all their subtle tonal variations, dynamics, musicality and refinement, and keeps the music signal unimpaired. Reproducing musical details that are true to life and creating a three-dimensional, spatial sound to deliver a real and emotional listening pleasure.

The new 757 deemphasis preamplifier connects to MC/MM cartridges, to DS Audio’s optical cartridges as well as to direct tape head outputs. User-selectable deemphasis curves for vinyl as well as for tape heads allow perfect playback settings for all analog records in your collection.

Its innovative input stage improves the common mode rejection without compromising on noise performance and allows to optimize the termination impedance with resistive and capacitive loadings according to the requirements of the connected cartridge. This ensures that no detail of the music signal gets lost already at the inputs.

For a purely analog playback system the 757 deemphasis preamplifier may be connected to the power amplifiers without any preamplifier or volume control in between. The gain (-60dB to +80dB) is adjustable to the required level in 1dB steps and the very fast and ultra broadband push pull class A output stage (20 MHz/- 3 dB, 1.5A) drives even long interconnects with ease.

Stable and quiet power supplies are key for a reference deemphasis preamplifier. The required voltages are generated by a highly efficient switched mode power supply and fast switching DC/DC regulators followed by ultralow noise local linear regulators.

soulution will be demonstrating the new 757 deemphasis preamplifier at Highend in Munich in E107, Atrium4.1. The event takes place at the MOC Event Center Messe München, Lilienthalallee 40, 80939 München.

Retail price: 757 deemphasis preamplifier EUR 65'000 (incl. VAT 19%)

Production start expected for Q4/2023

Key specifications		
Unbalanced inputs (RCA, for MM/MC/tape)		2
Balanced inputs (XLR, for MM/MC/tape)		2
Unbalanced inputs (for DS Audio optical cartridge)		1
Balanced outputs (XLR)		2
Unbalanced outputs		1
Deemph. vinyl: RIAA, Decca, Columbia, London, Teldec, NARTB		
Deemph. tape: IEC 30ips, 15ips, 7.5ips, NAB 15ips, 7.5ips		
Power consumption	W	50-60
Frequency response output stage (-3dB)	[MHz]	DC - 2
deviation from deemphasis curve (20Hz-20kHz)	[dB]	< +/- 0.1
Common Mode Rejection Ratio, CMRR (20Hz-20kHz)	[dB]	> 125
Input noise density (20Hz- 20kHz)	[dBV/ \sqrt{Hz}]	< - 180
Channel separation (20Hz-20kHz)	[dB]	> 100