

SL-103

Signature Linestage



Signature Series | *EXTREME*

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SL-103

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Silence, resolution and explosive dynamics.

17 years of Pedigree:

The original SL-100 was launched at CES January 2004, and immediately became a success due to its overall build quality and obviously sound quality. As a result of further development into the well known "Relay Fixed resistor network" volume, a redesign was necessary. This resulted in the SL-101 being launched in 2006 - including many other enhancements in the gainstages. The SL-101 exceeded the SL-100 in sheer success, and was not replaced by the SL-102 before 4 years later, in 2010. With the introduction of the SL-102, the module based gainstages was introduced and this modular design remains a key factor of all our designs today. With the introduction of the SL-103 in 2016, the history reaches in total 17 years back.

The SL-103 - key points:

During the development our team was put to the test. Improving the SL-102 would clearly not be an easy task, so new measures were needed.

Especially the power supply has undergone a major re-design, and the improvements are obvious. Each regulation step has been optimized for further noise reduction, better powerhandling and temperature stability. This not only lowers noise in general, it also provides each ULN¹ discrete gain module with far better working conditions overall.

Each ULN module has been further optimized for enhanced linearity and harmonic distortion. Within each module every single stage has been tweaked and modified into a new level of resolution and micro dynamic performance. Combined with the better working conditions provided by the new power supply, the results are simply stunning.

1. ULN Discrete gainstage

Ultra Linear No global feedback fully balanced discrete gainstage, based on the original module design from 2010.

INPUT	XLR analog	RCA analog
Available	3	2
Sensitivity select	2/4/8 V _{RMS}	2/4/8 V _{RMS}
Impedance	10KΩ	10KΩ

OUTPUT	XLR analog	RCA analog	BP Out
Available	2	2	1
Impedance	75Ω	75Ω	
Frequency response	+800kHz	+800kHz	
Signal to noise ratio	>110dB	>110dB	
THD + noise	> 0,01%	> 0,01%	

POWER CONSUMPTION	
Standby	<1W
Operation	50W

VOLUME CONTROL	
Type	Relay controlled fixed resistor network
Gain	-91,5dB to +18dB

DIMENSIONS	
Height	135 mm
Width	435 mm
Depth	402 mm
Weight	25 Kg

