



## Phono Preamplifiers at a Glance

	<b>110LP</b>	<b>310LP</b>	<b>Neo 340i * Nêo 350P *</b>	<b>610LP</b>	<b>810LP</b>
<b>Outboard Power Supply</b>	Yes	Optional – <b>320S</b>	n/a	Optional – <b>820S</b>	Optional – <b>820S</b>
<b>Configuration</b>	Single-Ended	Balanced	Single-Ended	Balanced	Balanced
<b>Single-ended inputs (RCA)</b>	1	1	1	1	1
<b>Balanced inputs (XLR)</b>	n/a	n/a	n/a	1	1
<b>Single-ended outputs (RCA)</b>	1	1	n/a	1	1
<b>Balanced outputs (XLR)</b>	n/a	1	n/a	1	1
<b>Moving Magnet / Moving Coil</b>	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
<b>Gain (# of settings)</b>	40dB - 60dB (2)	40dB - 72dB (4)	40dB - 60dB (2)	40db - 70dB (16)	40db - 70dB (16)
<b>Input Impedance (# of settings)</b>	100Ω, 47kΩ (2)	47Ω - 47kΩ (5)	100Ω, 47kΩ (2)	12.1Ω - 47kΩ (64)	12.1Ω - 47kΩ (64)
<b>Input Capacitance (# of settings)</b>	0pF, 100pF (2)	0pF - 470pF (3)	0pF, 100pF (2)	0pF - 470pF (16)	0pF - 470pF (16)
<b>Input Overload range (RMS)</b>	4.5mV - 45mV	3mV – 58mV	4.5mV - 45mV	2.5mV – 200mV	2.5mV – 200mV
<b>IEC Equalization Curve</b>	Yes	Yes - selectable	Yes - selectable	Yes - selectable	Yes - selectable
<b>Stages of Voltage Regulation</b>	2	4 (i <sup>2</sup> DCf x 2)	2	i <sup>2</sup> DCf x 24	i <sup>2</sup> DCf x 24
<b>S/N Ratio range</b>	87dBr – 104dBr	92dBr – 110dBr	87dBr – 104dBr	93dBr – 112dBr	95dBr – 115dBr
<b>THD (20Hz – 20kHz)</b>	< 0.001%	< 0.001%	< 0.001%	< 0.001 %	< 0.001 %
<b>12V Trigger Input / Output</b>	n/a	n/a	n/a	1 / 1	1 / 1
<b>Weight (lbs.)</b>	2.5	7.0	n/a	40	40
<b>Dimensions (W" x H" x D")</b>	5.0 x 2.9 x 6.5	7.5 x 3.2 x 11.2	n/a	18.8 x 4.1 x 16.8	18.8 x 4.1 x 16.8

\* Optional Phono Preamplifier board