

## Phono II SPECIFICATIONS

<b>Design Topology:</b>	
<b>Gain stages:</b>	DC coupled, balanced-differential
<b>Output Stage:</b>	Class-A, balanced-differential, push-pull
<b>RIAA Compensation:</b>	Passive, 2-stage LP filter
<b>AC Voltage:</b>	120 VAC (240VAC option)
<b>Fuse Type and Rating:</b>	2 x Buss GMC (20 mm) 1.5 A
<b>Dimensions:</b>	17" (W) x 11-1/2" (D) x 4-1/2" (H)
<b>Weight:</b>	22 lbs
<b>Moving Magnet Input Impedance:</b>	
<b>Load Resistance</b>	Selectable: 47Kohms or 100Kohms
<b>Load Capacitance</b>	Selectable: 200pF to 975pF in 25 pF steps
<b>Moving Coil Input Impedance:</b>	- Selectable from 25 ohms to 1525 ohms in 25ohm steps - Or user value Rx (Input A only)
<b>Gain:</b>	User selectable: 40dB, 50dB, 60dB, 66dB
<b>Channel Separation:</b>	$\geq 60$ dB
<b>RIAA Accuracy:</b>	$\pm 0.2$ dB from 20 Hz – 20KHz
<b>Max Output Voltage:</b>	20 volts peak-to-peak (7VRMS)
<b>Output Impedance (balanced or unbalanced):</b>	75 ohms
<b>Output Current:</b>	Max. 30 mA (for Class A operation)
<b>RMS Noise power (Shorted input to unbalanced output):</b>	
<b>40 dB gain</b>	
<b>1Hz – 20kHz</b>	- 66dB relative to 3mV input at 1kHz
<b>20Hz – 20kHz</b>	- 70dB relative to 3 mV input at 1kHz
<b>60 dB gain</b>	
<b>1Hz – 20kHz</b>	-65dB relative to 0.3mV input at 1kHz
<b>20Hz – 20kHz</b>	-69dB relative to 0.3mV input at 1kHz