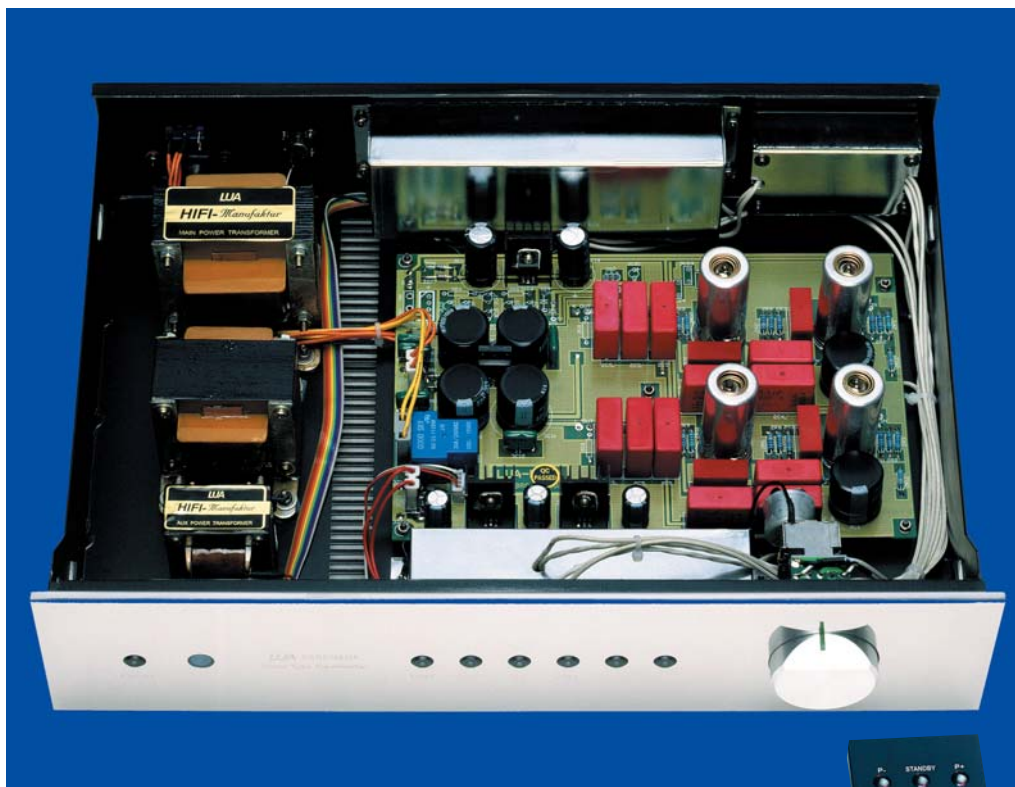


# Serenada (SEL)



## *Technical Data:*

<i>Frequency response:</i>	5Hz- 110kHz/ 10V
<i>Distortion THD+N:</i>	≤ 0.01 %/ 10V *
<i>Max. Level- output:</i>	20 V/ 10 kΩ/ 1kHz *
<i>Signal/ Noise- ratio:</i>	≥ 100 dB *
<i>Impedance In/ Out:</i>	100 kΩ/ 600Ω
<i>Power- consumption stdby.:</i>	≤ 0.1 W
<i>Power consumption total:</i>	22 W
<i>Dimension W x H x D :</i>	43 x 11 x 32 cm
<i>Cross- weight:</i>	14 kg

6 Inputs, 2 Outputs/ Two as Tape to Tape/ Mute/ Electronic tube safety circuit/ Electronic program- switching/ Standby-Function/ metal IR remote control. High professional phono stage for, MM, MC low-, MC high- output cartridges. XLR- balanced output for SEL version available.

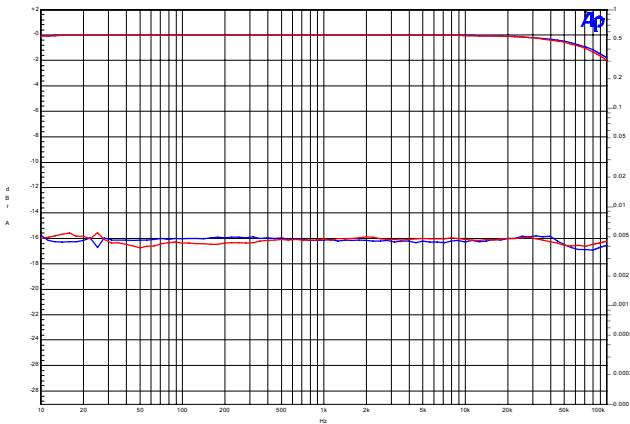
\* With 3 times selected 12 AX 7 LP/ 12 AT 7.

Selected and measured amplifiers with guaranteed data.

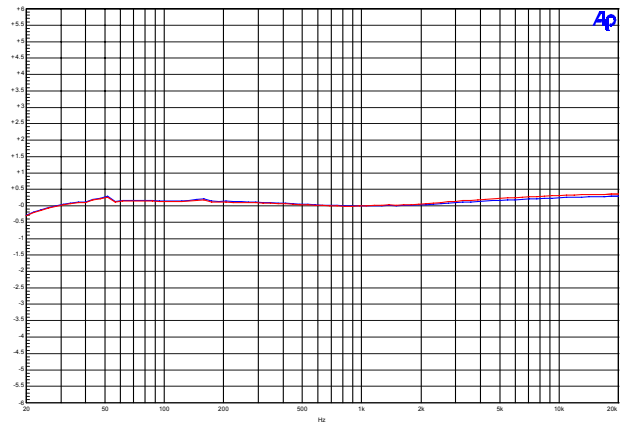
2 years warranty for first user, according to our warranty conditions.

All data typical. All alterations are reserved without any notice and information of customer in view of improvement of specified data in this brochure.

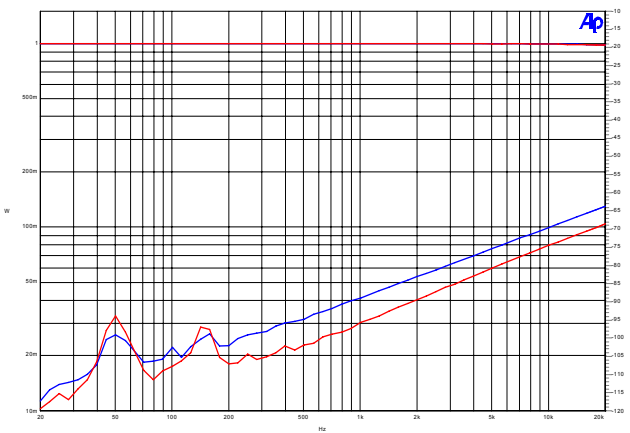
LUA SERENADA, -SE, -SEL All measurements are made with tubes from Svetlana, Tesla, Sovtek, Golden Dragon, General Electric, Sino, LUA, a.s.o..



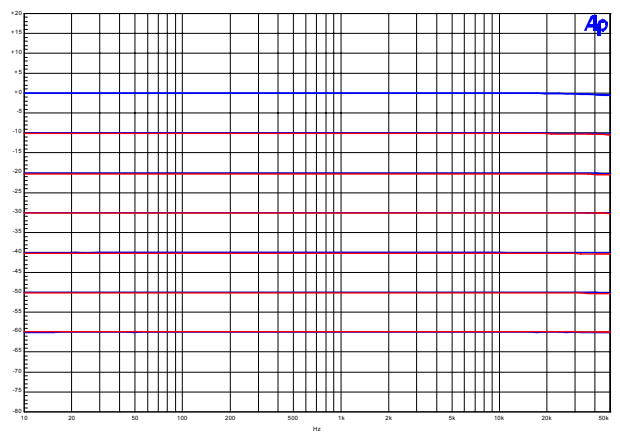
Distortion THD+N 3 V Output-signal  
10Hz -100 kHz/ typ.  $\leq 0,03\%$  (L=0,004%/ R=0,004%)



LP- MM- Frequency- response, linearity  
20 Hz- 20kHz typ.  $\leq \pm 0,3$  dB ( $\pm 0,2$  dB)

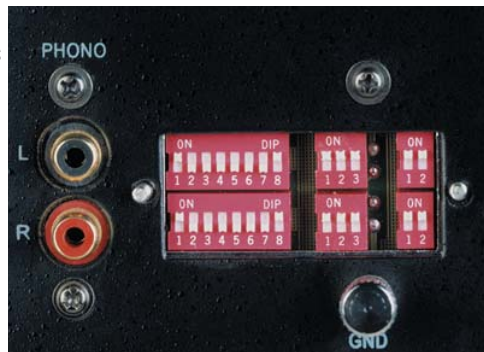


Crosstalk L- R // R- L  
1 kHz/ typ.  $\geq 85$  dB (- 84,9 dB/ -85,35 dB)



Potentiometer- linearity L/R, 1V Output to -60 dB  
Channel- balance L/R typ.  $\leq 0,25$  dB (max. 0,23 dB)

Our Serenada is a pre-amplifier with 7 inputs. Two are combined with outputs and make it possible to use with a separate switch Tape to Tape function. One switched input selects the integrated phono- stage. Two outputs are available. One standard and one with a -10 dB attenuation for connecting other components such as a separate headphone amplifier. In the SEL version an XLR balanced output is available as additional option. All control functions of Serenada operate through microprocessor controlled gas contact relays with gold plated contacts. This results no loss of musical details at this important point. The Serenada uses a finely matched ALPS potentiometer with a channel balance of less than 0.3 dB. The use of 1% metal film resistors together with the finest polypropylene capacitors with a minimal 1% tolerance in the phono- stage are standard for Lua's Serenada. The Seranada, now in the revised SEL version, has a remarkable history, dating back to the introduction more than five years ago. Notwithstanding its affordable price, the Serenada represents a genuine entry into High End vacuum tube electronics.



LP-adjustment MM,MC high, MC- low

The integrated phono preamplifier is built to the same demanding standards as the main Serenada amplifier. Considered by many critics to be the finest, most tonally neutral phono section currently available, its design goal was to precisely track the prescribed RIAA equalization curves with absolute accuracy. The Serenada reaches this goal with  $\leq 0.2$  dB. Its supremely quiet high gain circuitry (AD 797 from Analogue Devices in the first stage) has been designed to deliver extra-ordinary performance for the broadest possible range of moving coil and moving magnetic cartridges. The Serenada SEL version represents a big step ahead, now using double layer polypropylene capacitors, selected together with a tolerance of less  $\leq 0.5$  % as coupling capacitors. The finest custom manufactured and selected Lua tubes provide the SEL version with its characteristic sonic quality. Through meticulous engineering, careful specification of only finest available component parts and a painstaking attention to construction quality, we have created what we feel is a preamplifier system without rival in its price class.