

Appassionato Mk.III

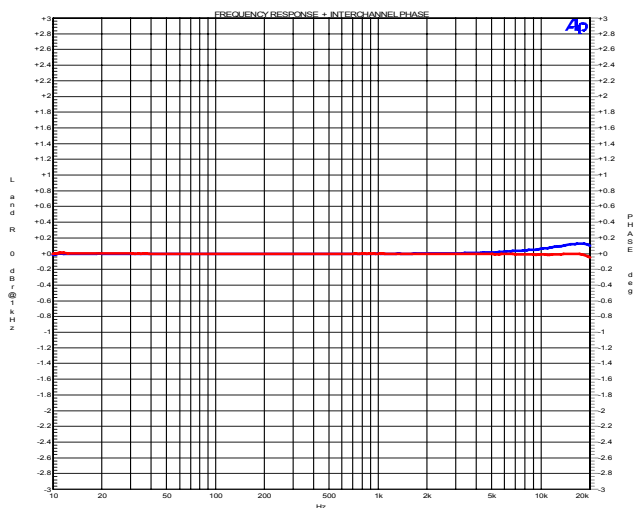


Technical data:

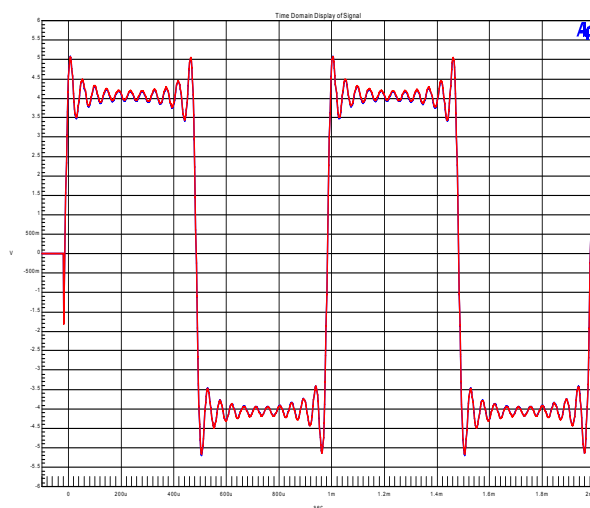
Frequency- response:	20 Hz - 20 kHz, $\leq \pm 0,2$ dB
Distortion THD +N:	$\leq 0,03$ %
Channel- selection:	≥ 92 dB
Channel- balance L/R:	$\leq 0,15$ dB
Dynamic range:	≥ 96 dB
Output- resistance:	$\leq 200 \Omega$
Laser- unit:	Philips
D/A converter:	Crystal, 24 Bit
Specials:	Class A output single ended triode tube stage, with 6 LUA- tubes 4 x 12AX7 / 2 x 12 AT 7, 7 power-supplies a.s.o.. From D/A converter to output totally designed with tubes (no semiconductors used) including sampling filter. Only finest WIMA MKP 10 double- layer, polypropylene coupling capacitors, selected to 0,2 % tolerence are used in signal path. 2 similar RCA- cinch- outputs, providing a convenient connection for a separate headphone- amplifier.
Power consumption standby:	$\leq 0,1$ W
Dimensions: W x H x D :	44 x 11,6 x 37 cm
Gross/ net weight:	19,2 kgs / 15,2 kgs
Design:	mirror polished stainless steel front panel dark blue cabinet, including metal IR remote control.

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

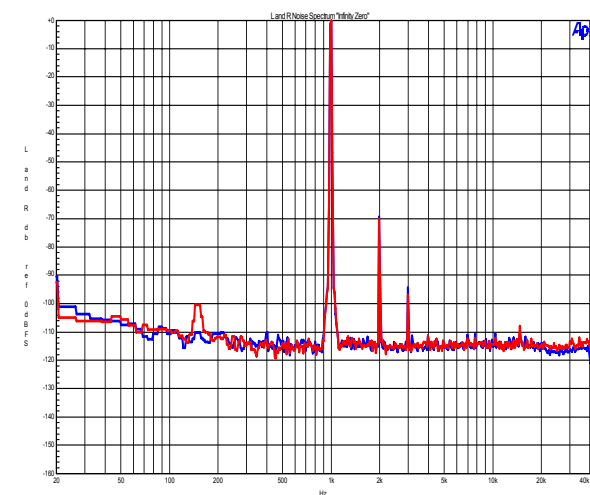
LUA APPASSIONATO Mk. III All measurements made with selected LUA- tubes or equivalent Svetlana, Sovtek, Golden Dragon, a.o..



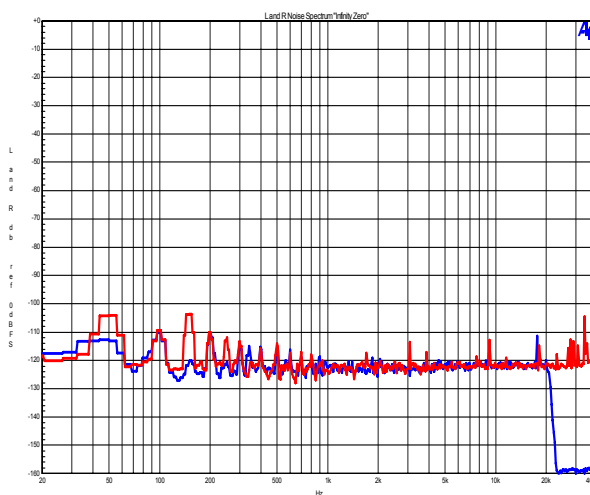
Frequency-response 10Hz - 20kHz, $\leq \pm 0,15dB$
 Channel-Balance $\leq \pm 0,1dB$, Interchannel phase $\leq \pm 0,2^\circ$



Time domain display of signal



THD+ N 0 dB Signal, $K_2 - 70$, $K_3 - 95dB$



Left and right noise spectrum Infinity zero- 132 dB / 1kHz, perfect for a tube stage.

Luas Appassionato Mk.III is a big step ahead in the world market of recommended CD-players with its new designed 6- tubes single ended Class A output-stage. One of its specialities is, that there are not used any semiconductors in the signal path. Directly from D/A- converter output, the output amplifier, as same as the analogue part of the sampling filter is designed completely in S.R.P.P.- tube technology. True to its tradition of outstanding quality, Lua creats different remarkable CD players in the past, as for example the Cantilena Mk.II. This well noticed model enjoyed the best test results in the market with many hundreds being sold. But Lua wanted more. The experience with the earlier CD-players gave our engineers the chance to create a much better version named Appassionato Mk.III. This Appassionato Mk.III was to embody the best possible sound reproduction and so a well-known Crystal Clear D/A converter was integrated. For the

transport mechanism, Lua selected a Philips- version , which delivers the best technical results at a modest price. A big breakthrough was the newly designed 6-tube single ended triode Class A output section with an output impedance of only 180 Ohms. And speaking of outputs, a speciality of all LUA CD- players is the provision of two outputs instead of one. The second output can drive a separate headphone- amplifier without use of the main amplifier. This is also interesting for dealers, enabling connection to two different amplifiers allowing their sound quality to easily be compared using a single CD player as source. Also sonic comparisons between two different brands of RCA interlinks (Cinch cables) can in the same way be easily made by connecting them to two different high level inputs of your amplifier, especially if it is equipped with a remote controlled channel switching facility.