

4545 C

stereoplay
Highlight

Ausgabe 12/05



Technical data:

<i>Frequency response RMS:</i>	24 Hz - 30 kHz
<i>Typical RMS output:</i>	2 x 45 W / Sin. / 8 Ω *
<i>Output at THD+ N/ 1kHz/ 1%:</i>	2 x 48 W / Sin. / 8 Ω *
<i>Dimensions W x H x D:</i>	33 x 16,5 x 34,5 cm
<i>Power consumption total :</i>	285W
<i>Cross weight:</i>	19,25 kgs

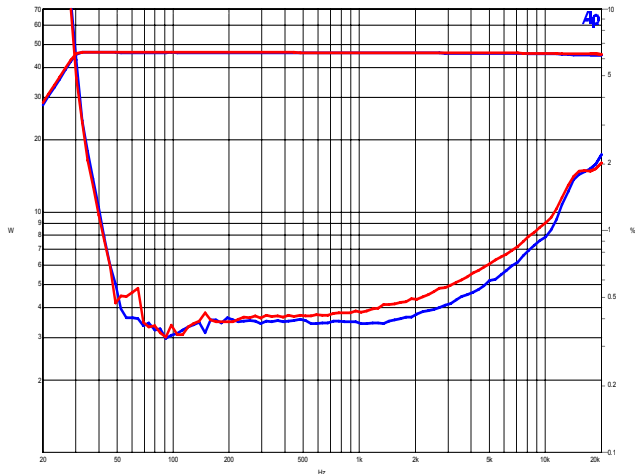
* With 3 times selected LUA EL 34

Selected and measured amplifiers with guaranteed data.

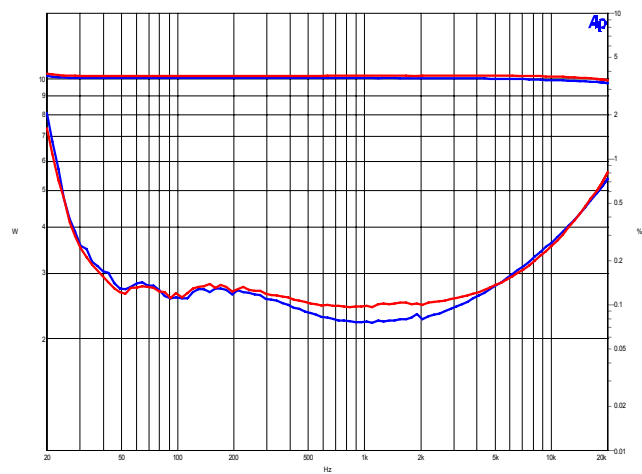
2 years warranty for amplifier, 1 year for tubes, for first user, according to our warranty conditions.

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

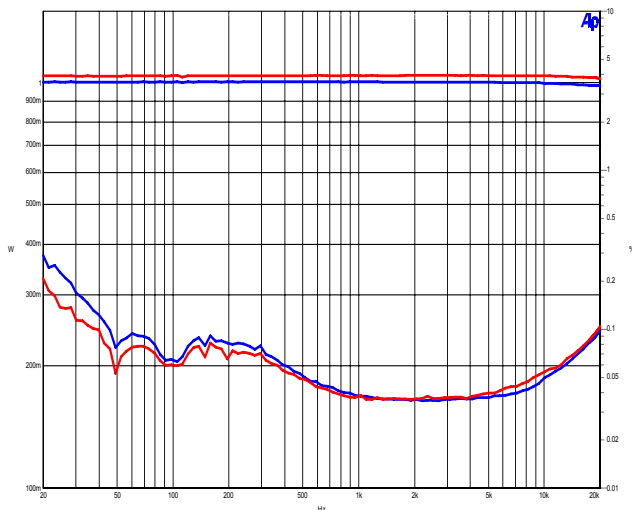
LUA 4545 C All measurements are made with tubes from Svetlana, Tesla, Sovtek, Golden Dragon, General Electric, Sino, Lua, a.s.o.



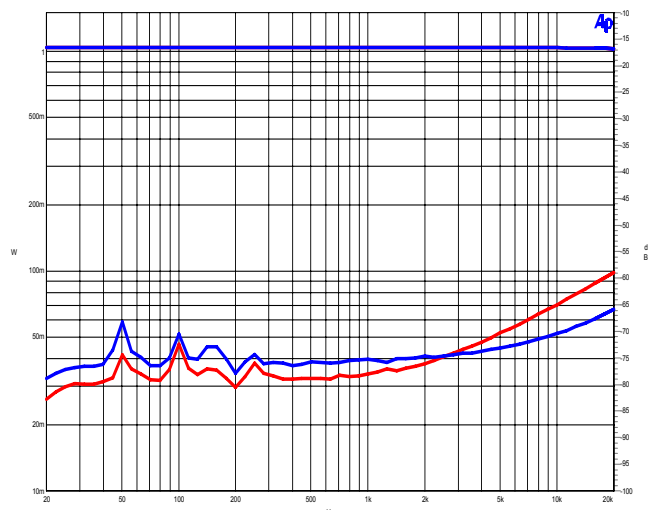
*Distortion THD+N 2x 45 Watts /Sine
1kHz / typ. $\leq 1\%$ (0,382% / 0,428%)*



*Distortion THD+N 2x 45 Watts /Sine
1kHz / typ. $\leq 0,25\%$ (0,076% / 0,098%)*



*Distortion THD+N 2 x 1 Watt / Sine
1kHz / typ. $\leq 0,1\%$ (0,037% , 0,038%)*



*Crosstalk L/R // R/L
1 kHz/ ≥ 75 dB (-78 dB / -75 dB)*

With the 4545 C Lua started its successful serial of tube amplifiers into fourth version. We have maintained a commitment to designing simple, straight- forward circuit for our 4545 C. The 4545 C elevates the philosophy from the circuit level to the system level by eliminating the preamplifier altogether and incorporating the control functions on the amplifier chassis, hence the term control amplifier. This approach completely eliminates the inherent colorations of the active circuitry embodied in a preamplifier stage, and of the cabling between pre-amp and power-amp. The result is a significant improvement in system performance and convenience, combined with a reduction in cost. The 4545 C uses matched pairs of selected EL 34's for lowest distortion and delivers more than 45W/sine per channel with less than 0.5 % distortion/ 1kHz. This is outstanding in its price class. The compact 4545 C makes minimal demands on your living space and is equipped with

many fine components such as a matched ALPS- potentiometer with less than 0,5 dB balance difference between channels, metal oxide resistors with 1 % tolerance and the finest MKP 10 WIMA polypropylene capacitors. Lua sets standards for parts quality and the 4545C is no exception. First time in such class amplifier will be used a complete double power- supply with 1.400 μ F capacity and finest Philips capacitors manufactured at BC- Components. Additional you find a half automatically Bias adjustment by LED. The use of these high quality components guarantees the full realisation of the potential performance of the circuit design from and many years of dependable use. If you compare the 4545 C with a lot of solid-state amplifiers in same price class you will agree with our view, that the 4545 C is a references in its class. Again the 4545C been acclaimed in Germany occasion as best in the market and High Light for best amplifier in its class.