

**LA** Lehmannaudio®

## Linear D

Headphone Amplifier  
Streaming Preamp

**LA** Lehmannaudio

# Clarity, power and class

Since Lehmannaudio turned the 'emergency exit' of classic hi-fi amplifiers into a gate to a new musical perception with their Linear back in 2004, headphone outputs with frustrating sound have become a thing of the past. The Linear D in its topical mk II version demonstrates that there's always room for improvement: its digital-analogue converter of the latest generation and its thoroughly revised analogue board let you experience all-new horizons when listening to your favourite music – goose pimples guaranteed.

The Linear D mk II is the perfect complement to streamers and CD players. It recognises digital signals, automatically selects the optimal input and needs no input selector. The Sabre DAC from ESS on the quad-layer circuit board, which has been optimised against HF interference, offers both digital S/PDIF and Toslink inputs. Low-loss mica capacitors on the mainboard and in the converter analogue filter as well as ultra fast amplifier stages on the converter board guarantee reference quality. Owing to three settings the Linear D mk II adapts to the most diverse headphone-source combinations, and with one analogue and two digital inputs it also delivers a breathtakingly expressive performance as a streaming preamp on active loudspeakers.

The Linear D mk II makes people happy who want to enjoy music in an intense and pristine way and brings together those who share musical enjoyment: two parallel outputs on the discrete class A solid-state output stages powerfully feed two headphones of equal impedance without compromising the listening experience. SSC absorber feet decouple the Linear D mk II from its base and provide calmness. So the Linear D mk II sounds even more sculptural now: with lush, yet never ostentatious lows, delicate resolution and zero-gravity elegance over the entire frequency range. Turn the massive, damped potentiometer of the Linear D mk II. Rediscover your analogue and digital musical treasures!

### Highlights

#### Features

- high-resolution ESS Sabre K2M DAC with two digital inputs
- automatic input signal prioritisation for more user convenience
- maximum gain adjustable up to 20 dB
- Mica capacitors in the analogue filter and on the mainboard for optimum transient response
- Analogue board in low-Z copper for enhanced dynamics
- discrete class A output stage for an open and natural sound
- two Neutrik headphone sockets with gold-plated contacts
- line out for use as preamp
- oversized internal power supply

#### Options

- aluminium faceplate available in silver, black or chrome

### Lehmannaudio Vertriebs GmbH

Waltherstraße 49 – 51  
51069 Köln  
Germany

info@lehmannaudio.com  
www.lehmannaudio.com  
www.facebook.com/lehmannaudio

Made in Germany

# Tech Info

## Analogue section

<b>Input impedance</b>	47 kohms
<b>Maximum gain</b>	0 dB, 10 dB, 18 dB, 20 dB selectable via DIP switches
<b>Frequency response</b>	10 Hz (-0.3 dB) to 35 kHz (-1 dB)
<b>Signal to noise ratio</b>	> 100 dB at gain 0 dB
<b>THD</b>	< 0.001 % at 6 mW/300 ohms
<b>Channel separation</b>	> 80 dB at 10 kHz
<b>Output power</b>	• 400 mW/60 ohms • 200 mW/300 ohms
<b>Output impedance</b>	• Line Out 50 ohms • Headphones Out 5 ohms
<b>Connectors audio</b>	• Neutrik headphone jacks with gold plated contacts • 1 x switching Line Out • 1 x non switching Line Out • gold plated RCA sockets with teflon insulation
<b>Power consumption</b>	15 W through internal, regulated power supply
<b>Special feature</b>	vibration-absorbing SSC feet

<b>Outer dimensions W x D x H</b>	110 mm x 280 mm x 44 mm (4.3 x 11 x 2 in.)
<b>Weight</b>	1.5 kg (3.3 lbs.) net

## Digital-analogue converter

<b>Digital inputs</b>	• 1 x Toslink (automatically prioritised) • 1 x RCA 75 ohms
<b>Sampling rate digital</b>	32 kHz; 44.1 kHz; 48 kHz; 88.2 kHz; 96 kHz; 192 kHz
<b>Resolution</b>	24 bits
<b>Chipset</b>	ESS Sabre K2M
<b>Analogue filter</b>	Silver Mica capacitors
<b>Max. output level DAC</b>	1.8 V eff.
<b>Special feature</b>	The analogue input is automatically activated, when no digital signal is recognised

Version: February 2019. Subject to change without prior notice.

## Press Commentaries



'The plain housing does not contain just a headphone amplifier. With the Linear D Lehmannaudio has created an audiophile masterpiece that will take every headphone to ultimate sonic performance.'

stereoplay/05 2016



'With the precision of a Swiss chronometer the Linear D made by Lehmannaudio deals with its task – driving headphones to perform at their very best.'

The Lehmann sounds as you would expect it from this company: neutral, rich in detail, always involved in the music and definitely suitable for long sessions.'

Stereo/01 2016



'Already the first bars foreshadow its potential, the music is reproduced with enormous clarity. Where other models still have a veil between headphone and ear, there is now downright transparency (...) This impressive performance is also unconditionally comprehensible in combination with the active loudspeakers. That's high-end by definition.'

hifi&records/04 2015

## Awards



'Goldenes Ohr'  
1<sup>st</sup> place category  
headphone amplifiers  
stereoplay/2017



PLUS X AWARD  
2016  
2016 achieved for:  
High Quality  
Design  
Ease of Use



HIGHLIGHT  
stereoplay/05 2016



Best Amplifier  
CanJam Europe/2015