

LA Lehmannaudio®

Linear

Headphone Preamplifier
Preamplifier



The reference among the headphone amplifiers

Already since 2004 the Linear has made all common headphones to shine at their very best. Extremely demanding users rely on our top model, from the West German Broadcasting Corporation to the audiophile TACET label to Sennheiser's and AKG's headphone experts. It's not without reason that the Linear belongs to the reference class in its genre.

As soon as you put on your headphones, the Linear will reveal your favourite tracks in all their glory over the entire frequency bandwidth by virtue of its physical, punchy lows and delicate resolution. Carefully selected components and an extremely sophisticated circuit design establish the foundation of our number one.

A universal champion

With three gain settings it gives you an impressive listening pleasure, keeping an eye on your needs anytime – and this using a vast array of headphones on the most diverse sound sources. In this context we have, of course, taken into account the varying performance requirements and sensitivity levels of the headphone types currently available on the market.

For a double musical relish our multiple test winner will be happy to feed two headphones at the same time. The two parallel outputs of the discrete class A solid-state output stage provide the basis of this double musical enjoyment.

A propos: if you wish so, the Linear will also stimulate your active speakers to a stunning vitality. In every situation a magnificent sound, always striving for perfection – such is our Linear.

Highlights

Features

- reference class headphone amplifier for all dynamic headphones
- maximum gain adjustable up to 20 dB
- discrete zero global feedback Class A output stage for open and natural sound
- oversized internal power supply
- two headphone connections with gold-plated Neutrik headphone sockets
- low-loss MKP capacitors for the audio path
- drives long cable runs when used as single source preamplifier

Options

- aluminium face plate available in silver, black or chrome

Accessories (optional)

- mounting kit for vertical or horizontal fixation

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Made in Germany

Tech Info

Input impedance	47 kohms	Connectors audio	• Neutrik headphone jacks with gold plated contacts • 1 x pre-out • 2 x phones out • gold plated RCA sockets with teflon insulation
Maximum gain	0 dB, 10 dB, 18 dB, 20 dB selectable via DIP switches	Power consumption	10 W
Frequency response	10 Hz (-0,3 dB) to 35 kHz (-1 dB)	Outer dimensions W x D x H	110 mm x 280 mm x 50 mm
Signal to noise ratio	> 95 dB at gain 0 dB	Weight	1,5 kg netto
THD	< 0.001 % at 6 mW/300 ohms		
Channel separation	> 70 dB at 10 kHz		
Output power	• 400 mW/60 ohms • 200 mW/300 ohms		
Output impedance	• pre-out 50 ohms • phones out 5 ohms		

Version: May 2022. Subject to change without prior notice.

Press Commentaries

AUDIO

'... delicately resolving with every headphone, musical and revealing a clarity that none of the other test candidates could rival (...) With or without USB the best solid-state headphone amplifier to ever perform at AUDIO's since the beginning of the test series.'

AUDIO/12 2010

WHAT HI-FI? SOUND AND VISION

'As far as sonic performance is concerned, it's the best we've come across.'

What Hi-Fi/11 2009

hi-finews Record Review

'It measures well and delivers unusually clear insight into the "how?" and "why?" aspects of music making, not just the "what?". (...) A fine sound at a great price.'

Hi-Fi News/10 2009

Awards



Best Headphone Amplifier
CanJam Europe/2017



Goldenes Ohr
2nd place category
headphone amplifiers
AUDIO/2012



REFERENCE
MacRewind/11 2009



OUTSTANDING PRODUCT
hi-finews/10 2009

Accessories (optional)

With our mounting kit your Linear mounts quite easily and inconspicuously on furniture and walls.

