

Lehmannaudio®

You like your cans? Your ears will love them!



Do you have any idea how great your headphones really *could* sound?

Hear a **Black Cube Linear** now and expect a surprise!

Dynamic headphones are much more different than most people realize. For the same sound pressure level the power needed with different headphone models can vary up to a factor of about 500! Impedances can be different to a factor of more than 20!

This is the reason why different headphone models have very individual requirements to the headphone amplifier driving them in terms of voltage and current. Everybody who once has connected a high quality headphone to any given standard headphone output knows about this problem.

With the launch of the **Black Cube Linear** there is now a high end headphone amplifier to realize even the highest demands to reference quality headphone music reproduction.

The selectable gain (0dB, 10dB, 20dB) of the **Black Cube Linear** effectively optimizes the output level of the zero global feedback Class A output stage. Practically all high quality dynamic headphones available will show their best possible performance, no matter if you have an easy to drive low impedance pair of headphones or an ineffective pair of 600 Ohms studio cans.

Carefully selected top notch components and a highly sophisticated circuit design guarantee top performance listening pleasure. Now you can hear that ultra transparent sound and the explosive dynamics formerly known only from electrostatic headphones. An overdimensioned power supply with a huge magnetically and statically shielded toroidal transformer is included internally allowing a power cable of your choice to be directly connected to the unit.

For stereo setups with just one source like a CD player or a turntable with a phono stage the **Black Cube Linear** is the simplest and most effective active preamp one can think of. All audio connectors including the two Neutrik phone jacks come with gold plated contacts. No external Y-adaptor is needed!

The faceplate and the massive milled aluminium knob for the smooth running 27mm ALPS high grade volume control are available in anodized black or silver.

To get the best out of your headphone you will have to try the **Black Cube Linear**.

*Get your free copy of the "Techletter headphone amplifier" with useful information about impedance and efficiency of well known headphones at your **Lehmannaudio** dealer or on the internet.*

Technical Details:

<i>Input impedance:</i>	47 KOhms	<i>Power dissipation:</i>	<5W, internal, regulated power supply
<i>Maximum gain:</i>	0dB, 10dB, 20dB switchable underneath the unit	<i>Dimensions:</i>	280 x 110 x 44mm ³ (case only)
<i>Frequency response:</i>	10Hz (-0.3dB) to 35 kHz (-1dB)	<i>Connectors (audio):</i>	Neutrik phone jacks 6.35mm with gold plated contacts
<i>Signal to noise ratio:</i>	>95dB at 0dB gain		1x parallel to line out 1x line out muting gold plated RCA connectors with Teflon isolation
<i>THD:</i>	<0.001% at 6mW/300 Ohms	<i>Weight:</i>	app. 1.5 kg
<i>Channel separation:</i>	>70dB/10kHz	<i>Front colors:</i>	silver or black anodized aluminium
<i>Output power:</i>	200mW/300 Ohms 400mW/60 Ohms		
<i>Output impedance:</i>	line out 60 Ohms phones out 5 Ohms		

technical details subject to change without prior notice

Reviews:



09/2004

„...the sound is exceptionally smooth (grain free), very dynamic yet rich, warm, transparent and detailed. In other words it is what you would expect from a high end product, and, more important it sounds great even when feeding a very demanding load.“ **Rating: „TOP OF THE LINE“**

STEREO

08/2004

„The shallow unit from Cologne pumped so much drive, impact and transparency into the earpieces of practically every pair of headphones we tried that it became alarmingly obvious that built-in headphone amplifiers are mostly nice gimmicks but in the end only temporary solutions.“

image hifi 06/2004

„The Black Cube Linear once again is a genuine Lehmann: professionally designed and crafted and in the best sense of the word worth the money. It should be extremely difficult to find another headphone amplifier that so harmonically combines diversity of information and emotionality as well.“

SoundStage!

02/2005

„Creamy-smooth“ with headphones (...) almost tube-like, without the euphonic coloration that some tube designs inflict. (...) Its lows were very powerful and detailed, while the smooth highs were limited only by the headphones I was using.“



POSITIVE FEEDBACK ONLINE

Featuring audio MUSINGS

01/2005

„...a high quality, flexible, high value-for-money piece of gear. I can only classify it as „Highly Recommended. (...) If you're in the market for a high-end headphone amp, you must audition this piece. It's a winner.“



headphone hi-fi

12/2004

„The initial reaction I had when I first listened to music with this amp using my HD-650s was "Wow!" I was – and continue to be – quite impressed with this solid state amp. (...) If your budget is EUR700 or above, you must absolutely listen to this amp, even if you are prepared to spend more than that...“



03/2004

„At first go Norbert Lehmann got a headphone amp going that belongs to the creme de la creme of this amplifier species and is the author's new personal favourite.“

The rave reviews of the Black Cube Linear are focussing on the stunningly high product quality and the outstanding price to value ratio. However the number of satisfied customers is even of higher importance to us. This number is constantly growing. When do you join?