

Lehmannaudio®



Black Cube Linear

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.

Since the launch of the **Black Cube Linear** there is 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. 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**.

Technical Details:

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