

## Black Cube Linear Headphone amplifier/ Single Source Preamp

The name **Lehmannaudio** has become synonymous for producing cost effective state of the art audio electronics and is now introducing a new member to the worldwide known Black Cube product family. The **Black Cube Linear** is a headphone amplifier with preamp functions - or vice versa.



The different types of headphones on the market have very different requirements to the headphone amplifier driving them. The selectable gain (0dB, 10dB, 20dB) of the **Black Cube Linear** effectively optimizes the output of the zero global feedback Class A output stage for practically all headphones available, 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 listening pleasure on the highest level possible. 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.

The faceplate and the massive milled aluminum knob for the smooth running 27mm ALPS high grade volume control are available in anodized black or silver. Wooden face plates come as an option.

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 you can think of. All audio connectors including the two Neutrik phone jacks come with gold plated contacts. No external Y-adapter is needed! To get the best out of your headphone you will have to try the **Black Cube Linear**.

### Technical data:

<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 <sup>3</sup> (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 1x parallel to line out 1x line out muting
<i>Signal to noise:</i>	>95dB at 0dB gain		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>Options:</i>	face plate in wood cherry, maple or mahogany
<i>Output impedance:</i>	line out 60 Ohms phones out 10 Ohms		