

# Black Cube SE II

Phono Preamplifier



## More is more: more power, more emotion

The advanced version of the multi-awarded Black Cube SE has a lot to offer: based on the SE audio circuit, the SE II has been upgraded with superior sockets, visually it excels by a housing with a faceplate. A bass filter, which can be finetuned extensively to your personal needs, takes the performance of the Black Cube series to a new level.

As the proud owner of a Black Cube SE II you will get the feeling as if the music had been composed just for you. There is hardly a system that can be tailored so individually to your listening habits and acoustic preferences like this technical masterpiece.

### A truly audiophile phono stage

No matter what kind of exotic pickup system, from high-output MM to MC, you may be using – the Black Cube SE II can be adjusted to it: We have included a free slot per channel for the solder-free fitting of a custom impedance, and there is an extra hardwired plug-in location with immediate action. Its ultra precise, passive RIAA filter network lies between two linear low-noise gain stages and is realised using high-grade, transient-proof low-tolerance MKP capacitors. The result is an ideal channel balance and localisation with optimum transient reproduction. Due to a custom-designed toroidal mains transformer with a static shielding, the strong and seriously oversized external PWX power supply ensures a particularly safe operation.

### Highlights

- low-noise design
- compatible also with exotic MC cartridges

### Features

- ultra precise passive RIAA equalisation network for perfect transient response and channel balance
- PWX power supply for an even more powerful and relaxed reproduction
- custom impedance slot
- additional hardwire slot
- soft bass roll-off filter with sixteen different settings
- non-magnetic aluminium housing with mechanically dampened top cover to avoid microphony and resonances
- RCA sockets with gold-plated contacts
- shielded power supply cable

### Options

- aluminium face plate available in silver, black or chrome

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# Tech Info

	MM	MC	Input capacitance	100 pF
<b>Sensitivity for output level</b> 775 mV/ 0 dB (with activated high gain switch)	3.8 mV/1 kHz	0.38 mV/1 kHz	<b>Channel mismatch</b>	typ. 0.5 dB
<b>Gain 1 kHz</b>	46 dB	66 dB	<b>Bass filter</b>	16 settings between 7 Hz and app. 90 Hz
<b>Maximum input level 1 kHz</b>	45 mV	4.5 mV	<b>Power consumption</b>	< 3 W
<b>Signal to noise ratio</b> (RMS unweighted)	71 dB	63 dB	<b>Outer dimensions W x D x H</b>	• Audio section: 114 mm x 124 mm x 50 mm • PWX power supply: 93 mm x 233 mm x 45 mm
<b>Gain</b>	36 dB, 46 dB, 56 dB, 66 dB		<b>Weight</b>	• Audio section: 0.6 kg netto • PWX power supply: 1.0 kg netto
<b>Channel separation</b>	> 80 dB at 10 kHz			
<b>Input impedance</b>	47 kohms, 1 kohm, 100 ohms • 1 x custom load • 1 x hardwire slot			
<b>Output impedance</b>	47 ohms			

Version: May 2017. Subject to change without prior notice.

## Press Commentaries



*'The Cube managed to be sweet and supple without sounding soft or ill-defined. It's bass control in context of the entire sonic picture was ideal. In the attack-sustain-decay department, which I think is key to defining and describing sonics, the Cube produced a graceful, yet precise attack, a generous sustain unusual at this price point and with its coal-black backgrounds, decay generosity and resolution befitting a far more expensive phono preamplifier.'*

*Most impressive though was the Lehmann Black Cube SE II's transparency and midrange ease. In that department you'd never guess you were listening to that little black box priced so reasonably, though you're also hearing the power supply's contribution you can be sure. Of the three referenced phono preamplifiers, my choice would be the Lehmann Black Cube SE II [...].'*

Analog Planet (Michael Fremer) 12/2013



*'This is a true audiophile phono stage and, partnered with equipment of equal quality, the results are remarkable. Indeed, the SE II is difficult to fault even compared to competition in a much higher price bracket. The exceptionally low background noise allied to a fabulous rhythmic and tonal rendition make it worthy of consideration for those seeking the most detail from their vinyl without having to make a hyperspace price jump.'*

*'To find more depth and detail in music I know so well was a remarkable experience and I warmed to this little gem of a phono stage all over again.'*

Hi-Fi News 02/2010

## Awards



1<sup>st</sup> place 'Goldenes Ohr' 2021  
Category  
Phono Preamplifiers  
AUDIO/2021



1<sup>st</sup> place Highlights 2014  
Phono Preamplifiers  
stereoplay  
readers' voting/2014



Best of LP – 10 years  
LP/2014



Analog Planet Gruvy Award  
Phono Preamps

Blind test winner in  
readers' poll/04 2014



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hi-finews  
Editor's Choice/2010