

# Black Cube II

Phono Preamplifier



## Our classic – redefined

The Black Cube II combines the best assets of our popular Black Cube family: the proven quality of our evergreen Black Cube, upgraded by the high-class connectors and the representative enclosure of the Black Cube SE II.

Like its predecessors, the Black Cube II makes shine virtually all MM and MC pickup systems available on the market, eliciting from your favourite music the complete sound spectrum of the original recording. Its peerless dynamics let you rediscover old and new recordings – as if it was your first time!

### Your ticket for a new world of sound

The ultra precise, passive RIAA filter network of the Black Cube II sits between two linear gain stages and is realised using super-grade, high-transient, closely tolerated polypropylene foil caps. Hence this phono preamp offers the impressive, pure sound image of the premium device league at an attractive entry-level price tag.

The professional input stages of the latest generation ensure an outstandingly accurate, punchy, low-noise reproduction. The audio section is equipped with additional subassemblies for an efficient hum, HF and noise suppression. Its dual-sided audio board allows an optimised trace layout for an exceptionally smooth operation.

The Black Cube II can be flexibly adapted to almost any system: each channel offers a slot for the solderless fitting of a custom impedance, plus there is an extra hard-wire slot with immediate effect. If you would like to get some resistors for matching your personal chain to the Black Cube II, we will include them free of charge with your order. Owing to its high-quality front panel options (silver, black or chrom-plated), the Black Cube II also cuts a fine visual figure in your hi-fi rack, together with Linear & Co. – the perfect gateway to this equipment class.

### Highlights

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

### Features

- ultra precise passive RIAA equalisation network for perfect transient response and channel balance
- 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

### + Accessories (optional)

- turns into a Black Cube SE with the PWX power supply

### Options

- aluminium face plate available in silver, black or chrome

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# Tech Info

	MM	MC		
<b>Sensitivity for output level 775 mV/ 0 dB</b> (with activated high gain switch)	3.8 mV/1 kHz	0.38 mV/1 kHz	<b>Output impedance</b>	47 ohms
<b>Gain 1 kHz</b>	46 dB	66 dB	<b>Input capacitance</b>	100 pF
<b>Maximum input level 1 kHz</b>	45 mV	4.5 mV	<b>Channel mismatch</b>	typ. 0.5 dB
<b>Signal to noise ratio</b> (RMS unweighted)	71 dB	63 dB	<b>Bass filter</b>	16 settings between 7 Hz and app. 90 Hz
<b>Gain</b>	36 dB, 46 dB, 56 dB, 66 dB		<b>Power consumption</b>	< 3 W
<b>Channel separation</b>	> 85 dB at 10 kHz		<b>Outer dimensions W x D x H</b>	• Audio section: 114 mm x 124 mm x 50 mm • Power supply: 70 mm x 115 mm x 55 mm
<b>Input impedance</b>	47 kohms, 1 kohm, 100 ohms • 1 x custom load • 1 x hardwire slot		<b>Weight</b>	• Audio section incl. cable to power supply: 0.65 kg netto • Power supply: 0.3 kg netto

Version: March 2021. Subject to change without prior notice.

## Press Commentaries

### AUDIO

'And so it really let the music burgeon freely. The "Moldau" of Smetana's "Ma Vlast" (...) was jauntily gurgling from its sources, bouncing over rapids to finally flow so wide and majestic towards the end. In a highly dynamic way the Black Cube II let the "Running Man" rush ahead, and the exquisite wealth of colours of the delicate jazz on Eva Kruse's "New Legend" was also shimmering and shining. (...) Pimped in such a hot manner, the Lehmann Black Cube SE II is state-of-the-art.'

AUDIO/11 2020

### HI-FI CHOICE

'My listening session with the Black Cube ends up being lengthier than anticipated, but it's for the right reasons. I can't quite believe how good it sounds (...) It's fast, agile, remarkably light on its feet and wonderfully transparent.'

Hi-fi Choice/2020