

# 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

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

**Version:** January 2020. Subject to change without prior notice.