

Black Cube SE

Phono Preamp



The power boost for enhanced passion

Our classic Black Cube, equipped with the extra potent PWX power supply – this is the Black Cube SE. That way it has even more power for an exceptionally complex, impressive and emotional reproduction of music. Just imagine you could get even more out of your favourite record: the Black Cube SE does it with far greater bass authority, very relaxed mids plus enhanced top-end sparkle and openness.

Professional and yet emotional

The Black Cube SE belongs to the premier league of phono preamps. Of course, we use only components of ultimate quality for it. Virtually all common systems from high-output MM to MC may be connected to the Black Cube SE. We have included a free slot per channel for the solder-free fitting of a custom impedance, and there is also an extra hardwired plug-in location with immediate action.

The high-precision passive RIAA filter network sits between two linear gain stages and has been realised using high-grade, surge-proof polypropylene foil capacitors. The potent external PWX power supply is equally compact in size like the audio section, so the Black Cube SE may be placed right next to your turntable drive. Neutrik XLR connectors with gold-plated pins provide the safe contact between audio section and PWX power supply. Furthermore, the two housings are made of a non-magnetic material (aluminium) and their top lids are mechanically dampened.

Highlights

- low-noise design
- four different gain settings, compatible with all common MM and MC cartridges
- 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
- non-magnetic aluminium housing with mechanically dampened top cover to avoid microphony and resonances
- RCA sockets with gold-plated contacts
- shielded power supply cable

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Tech Info

	MM	MC	Input capacitance	100 pF
Sensitivity for output level 775 mV/0 dB (with activated high gain jumper)	3.8 mV/1 kHz	0.38 mV/1 kHz	Channel mismatch	typ. 0.5 dB
Gain 1 kHz	46 dB	66 dB	Bass filter	50 Hz, 6 dB/oct.
Maximum input level 1 kHz	45 mV	4.5 mV	Power consumption	< 3 W
Signal to noise ratio (RMS unweighted)	71 dB	63 dB	Outer dimensions W x D x H	• Audio section: 113 mm x 108 mm x 45 mm • PWX power supply: 92 mm x 232 mm x 45 mm
Gain	36 dB, 46 dB, 56 dB, 66 dB		Weight	• Audio section incl. cable to power supply: 0.4 kg netto • PWX power supply: 1.0 kg netto
Channel separation	> 85 dB at 10 kHz			
Input impedance	47 kohms, 1 kohm, 100 ohms • 1 x custom load • 1 x Hardwire slot			
Output impedance	47 ohms			

Version: September 2014. Subject to change without prior notice.

Press Commentaries



'Don't be fooled by the Black Cube's diminutive size. The internals bear testimony to a painstaking eye for detail and a focus on quality circuit components. Lehmann claims the input stages are identical to those employed in upper-end mixing consoles and microphone pre-amps.'

AUDIO VIDEO/10 2006

image hifi

'The music gets a direction, notes are bowing to arcs of suspense. Whether you're tapping your feet to the beat, fake the conductor or give free rein to your love of singing, (...) – the "big" new Black Cube is by all means a truly talented animator.'

image hifi/03 2006



'Lehmann's domain is the vocal band. Here the unit is drawing so precisely and highly resolving that even heavy weight contenders are not really able to keep distance. (...) It is difficult to give a clear cartridge recommendation because the output shows what you put in. This and only this is how a studio professional develops equipment.'

LP/03 2005

image hifi

'Just take (...) an upgrade power supply named PWX, which converts the standard Cube to the SE version. And then follow with amazement the transformation of a very good, exemplarily accurate and objectively unsailable phono stage into a high end music machine.'

image hifi/06 2003

Awards



Best of LP – 10 years
LP/2014



image hifi award/2003



Hall of Fame Award
SoundStage! Network/2003



Reviewers' Choice
SoundStage! Network/2003