

Head Box DS

D/A converter & headphone amplifier

- Audiophile grade headphone amp & 24bit D/A conversion
- 3 digital inputs: Asynchronous USB 2.0, S/PDIF, Toslink
- Special USB-2.0 driver for 24/192 (24/96 with USB1.1)
- Ultra low-noise semiconductors
- SMD technology for short signal paths
- Analogue output (RCA) for use as D/A converter
- Analogue input (RCA)
- Headphone socket (6,3mm jack plug)
- Outboard power supply included
- Metal case shields the electronics from vibrational and electromagnetic interference
- Faceplate silver or black

Technical data

Line-level input/output	1 pair RCA/phono sockets each
D/A-converter	Cirrus Logic CS4344, 24Bit/192kHz Delta Sigma
Supported audio format	PCM (LPCM). No support for multi channel formats like Dolby® AC-3 or DTS™
Sampling rates	
USB 2.0 (B) input	44,1kHz, 48kHz, 88,2kHz, 96kHz, 176,4kHz 192kHz
Coaxial input	44,1kHz, 48kHz, 88,2kHz, 96kHz, 176,4kHz 192kHz
Optical input	44,1kHz, 48kHz, 88,2kHz 96kHz
Power output	350mW/30 ohms, 60mW/300 ohms
Headphone connection	> 30 ohms
Signal-to-noise	112dB (A weighted) at full output
Frequency response	20Hz - 20kHz/-0,5dB
THD	0,0014%
Gain	9dB
Headphone jack	3-pole 1/4" (6,3mm Ø)
Outboard power supply	18V/1.000mA DC suitable for your country's mains supply
Power consumption	500mA DC / < 1 watt standby
Dimensions W x H x D	103 x 72 x 144 (150) mm (D with sockets)
Weight	990g without power supply



Retail price
349,00 €

Superior D/A conversion & outstanding headphone sound for digital and analogue sources combined in one box!

Head-Box DS is based on the former SE model, which has a very good sound quality, but only one analogue input. So we kept a similar concept, improved the power supply and added a high-quality digital section! It's USB input works up to 24/192 in asynchronous mode! Playback for any headphone offers realistic sound-staging on all volume levels for 3 digital and 1 analogue sound source. Head Box DS also provides a high-quality front display, that gives full information on current status. Luxury aluminium faceplate is available in silver or black finish.

Can be used as DAC? Yes, internal D/A conversion offers additional RCA line output that can be used with any hifi-system as cost-effective sound upgrade for existing digital sound sources. As DAC Box DS, Head Box DS uses feedback loop for controlling computer and amount of data sent. This allows implementation of a high quality, fixed frequency clock directly in the DAC section to keep jitter as low as possible.



< Black Version

Back view >

- ◇ Digitale Inputs (USB, S/PDIF, Toslink)
- ◇ RCA Stereo (I/O)
- ◇ Power

