



Head Box S3 B

Fully balanced high end headphone amplifier

MSRP 399€ (incl. VAT)

colour options:  

- **NEW** Unique fully balanced headphone amp topology
- **NEW** Powerstage realized by two TPA6120A2 chips for rich sound full of details with outstanding clarity
- **NEW** up to 820mW fully balanced output power
- **NEW** Fully balanced signal chain for RCA & XLR input
- **NEW** Balanced headphone outputs: 4.4mm & XLR
- **NEW** Redefines balanced headphone amps in its price-class
- Single ended headphone outputs: 3.5mm & 6.3mm
- Bypass RCA loop output for additional amplifier
- Premium full aluminium casework
- High-quality full aluminium control elements & buttons
- Available in silver or black
- Made in Europe

Max. power output: 480mW/8 Ohms, 680mW/16 Ohms, 820mW/32 Ohms, 320mW/300 Ohms

Headphones output: 3.5mm, 6.3mm, 4.4mm balanced, 4 pin balanced XLR

SNR: > 115dB „A“-wt. at 1kHz

THD: < 0,002% at 1kHz @ 500mV Input

Crosstalk: < -81dB at 10kHz

Gain: 15dB / 9dB (RCA In /XLR In)

Frequency response: < -0,25dB at 20Hz-20kHz

Analogue inputs: 1 pair RCA/Cinch, 1 pair XLR

Analogue loop outputs: 1 pair RCA

Headphone impedance: min. 8 Ohms

Power supply: 18V/1A DC, 110-240V, 50/60Hz

Standby Power consumption: < 0,5W

Dimensions W x H x D: 206 x 55 x 153 (170) mm

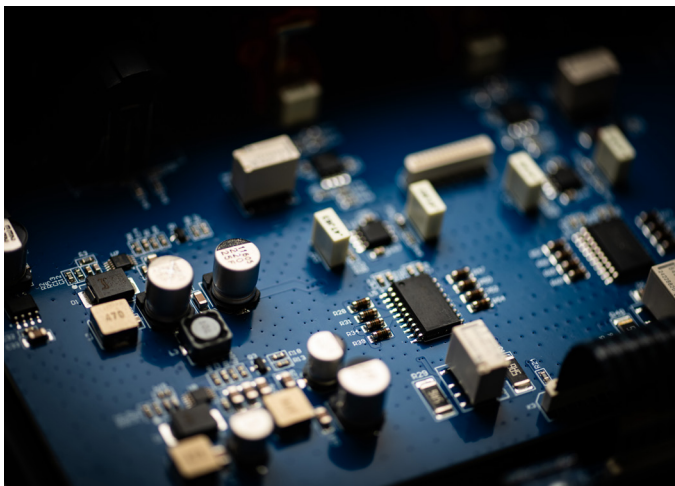
Weight: 950 g without power supply

Built to Perform, Built to Last

Head Box S3 B is a high-performance headphone amplifier built around a unique, fully balanced topology that redefines what is possible in its price class. Designed for audiophiles who demand surgical clarity, precision, and flexibility, it supports both balanced and single-ended headphones and integrates seamlessly into modern desktop and hi-fi systems.

Designed with the overarching goal to find the perfect balance between output power and perceived sound quality the Head Box S3 B sets new standards in its price range. Thoughtfully tuned to drive today's most popular headphones with ease and finesse, it delivers exactly the power that matters. By avoiding excess power for its own sake, the Head Box S3 B preserves sound quality, maintains efficiency, and keeps costs accessible, ensuring a refined listening experience without unnecessary compromises.

Its carefully engineered circuit design ensures a clean, dynamic, and highly controlled presentation, allowing headphones to perform at their full potential. By combining true balanced amplification with smart power targets and comprehensive connectivity and practical system integration, Head Box S3 B offers a compelling solution for listeners seeking reference-level performance in a compact, accessible format.



Made in Europe

Build quality is a central design focus of the Head Box S3 B. The amplifier is housed in a premium, full aluminium enclosure that provides both mechanical stability and effective shielding. All control elements and buttons are crafted from high-quality aluminium, underscoring the product's refined feel and durability.



Fully Balanced Power

Technically, the Head Box S3 B features a fully balanced signal chain for both RCA and XLR inputs, ensuring maximum channel separation and minimal noise.

Its power stage is realized with two TPA6120A2 amplifier chips, delivering up to 820 mW of fully balanced output power.

Balanced headphone connections are available via 4.4 mm Pentacore and XLR outputs, while single-ended headphones are supported through 3.5 mm and 6.3 mm outputs. A bypass RCA loop output allows easy connection to an additional amplifier or further system expansion.



Available in silver or black, the Head Box S3 B is made in Europe, reflecting a commitment to precise manufacturing, long-term reliability, and high engineering standards.