

## Head Box DS2 B

### Fully balanced high end headphone amplifier

- Enough power to drive demanding headphones
- Dual mono design principle
- Four gain settings to match any headphone
- Three current settings to deliver best sonics
- Single ended (6.3mm) and balanced (4 Pin XLR) headphone output
- Both outputs usable simultaneously
- Phase inverter built in at input stage to convert unbalanced signal to a balanced one for superior sound
- Powerstage realized by two TPA6120A2 chips
- BLUE ALPS potentiometer for best volume control
- Optionally with wooden side panels
- Available in silver or black

#### Technical data

Power output	2x 550mW (into 33ohms, both channels driven)
Signal-to-noise ratio	98dB (A weighted, full output)
THD +N	< 0,02%
Gain (unbalanced)	0,3,9,12dB (without load)
Gain (balanced)	6,9,15,18dB (without load)
Frequency response	20Hz - 20kHz (+-0,2dB)
Analogue inputs	1 pair RCA/Cinch sockets line 1 pair XLR input
Headphone output	1x 6.3mm (single ended), 1x 4 Pin XLR (balanced)
Analogue loop outputs	1 pair RCA/Cinch 1 pair XLR
Headphone impedance	8 - 600ohms recommended
Trigger in/out	12V
Power supply	18V/1A DC
Standby Power consumption	< 0,5W
Dimensions W x H x D	206 x 71 x 218 mm (alu) 240 x 72 x 218 mm (wood)
Weight	1461 g (alu) without power supply 1960 g (wood) without power supply



Head Box DS2 B  
SRP  
**€ 499,00**

Head Box DS2 B  
wooden side panels  
SRP  
**€ 599,00**

### Head Box DS2 B - High end balanced headphone amplifier

The market for HiFi headphones has been expanding rapidly in the last years. There have been brought out new models and new driver designs. These headphones are able to produce outstanding sound, the amplifiers from which they are fed mostly are mediocre. For example planarmagnetic headphones demand more current and simply need more power to be driven to their full potential. Our new Head Box DS2 B will drive anything with ease as it puts out powerful 1100mW into 33ohms. It has three different current settings to match any headphone type and features four gain settings for high impedance headphones as well as sensitive in ear monitors. The fully balanced dual mono design is completed with a phase inverter to convert any unbalanced signal to a balanced one straight at the input. A balanced 4 Pin XLR output on the front guarantees perfect signal transmission to your headphone. The highly acclaimed Texas Instruments TPA6120A2 chip has been implemented for best possible power handling, which results in superior sound and a near dead silent noise floor. Both outputs on the front can be used simultaneously for shared listening experiences. The Head Box DS2 B is able to adjust to every headphone in your collection: hard to drive dynamics, current hungry planarmagnetics and sensitive in ear monitors! Pure pleasure out of one box.

*Front*  
Power  
6.3mm Headphone out  
Volume control  
4Pin XLR Headphone out  
Input selection  
Gain switch  
Current switch



Front



Back

*Back*  
12V Trigger in/out  
RCA Line In  
XLR Line In (R/L)  
Bypass XLR (R/L)  
Bypass RCA  
Power In