



Amp Box RS2

High end stereo power amplifier

MSRP 1.799 € (incl. VAT)

- Class AB amplifier
- Fully discrete circuit design
- Powerful 160W peak per channel at 4ohms (stereo)
- 350W peak in mono bridged configuration
- Extreme dynamic power
- Up to 25% more power with Power Box RS2 Amp
- Tube buffer stage with reference quality
- Balanced XLR & single-ended RCA inputs
- High quality gold plated speaker terminals
- RS232 control
- Full metal casing protects against vibration & interferences
- Available in silver or black
- Upgrade linear power supply available separately
- Made in Europe

colour options:  

Power output: 2 x 130W / 80W at 4 ohms / 8 ohms (1% THD)
- Bridged: 280W / 8 ohms (1% THD)
Peak power: 2 x 160W / 100W @ 4 ohms / 8 ohms
- Bridged: 350W / 8 ohms (1% THD)
Noise floor: - 73dBV (-76dBV - ,A' weighted)
Frequency response 20Hz - 20kHz: < -0,2 dB
Channel separation: - 58dB at 10kHz at 4 Ohms
Signal to noise ratio: 97dBV (100dBV - ,A' weighted)
THD: < 0,08% at 20W / 4 ohms
Gain: 27dB
Input impedance RCA/XLR: 47k/20k Ohms
Line level inputs: 1 pair RCA, 1 pair XLR
Speaker terminals: 4mm Ø Banana, spade or bare wire
RS232: Pluggable 3-PIN Terminal Block
External power supply: ± 40V/5A DC;100 - 240V, 50/60Hz
Standby consumption: <0,5W in standby
Dimensions W x H x D: 206 x 85 x 200 (227mm with sockets)
Weight: 2660g without power supply

High-End Sound

The new Amp Box RS2 features our reference high-end power amplifier design. It offers 3-dimensional sound-staging, perfect micro dynamics and ultimate resolution combined with high power output.

The fully discrete class AB amplifier design combines the advantages of both technologies and offers higher fidelity, low distortion and high efficiency.

The amplifier features a hybrid configuration, utilizing a differential stage with a double triode 6922 (6DJ8) at the input. This is followed by an oscillation stage employing 2SA1552T and 2SC4027T transistors. For the output stage, a pair of STD03N and STD03P transistors operate in class AB. The output's zero DC voltage is maintained via a DC servo mechanism.

The amplifier remains continuously connected to the supply voltage from the adapter, with power-off achieved by disabling the current sources. This effectively shuts down the amplifier's transistors and tubes, minimizing current consumption.

Additional features include a clipping indicator, comprising an LED that signals when the instantaneous output voltage approaches the supply voltage threshold. The

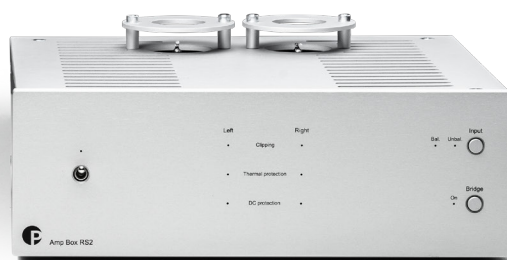


amplifier also incorporates a DC voltage tracker and indicator, which alerts the user via an LED in the event of DC voltage at the output. Under such conditions, the speakers are automatically disconnected to prevent damage. A thermal protection LED shows you when the Amp Box RS2 is running too hot and shuts it down accordingly, preventing damage from excessive heat build-up.

The Amp Box RS2 works as stereo amplifier or can be switched into bridge mode and work as single mono amplifier.

It meets our highest sonic standards in terms of spaciousness and fine dynamics and offers an excellent audio reproduction. Typical for our RS products, also the Amp Box RS2 features a reference quality tube buffer input stage.

The luxury full metal casing is not only an eye catcher, but also important for its heat emission. It is available in a silver or black finish.



Amp Box RS2 and Power Box RS2 Amp
Power Supply Upgrade Power Box RS2 Amp available separately



In- & Output Options - RS232 Controls

The Amp Box RS2 offers single ended RCA input sockets as well as balanced XLR inputs. You can switch the input on the front panel, or via RS232.

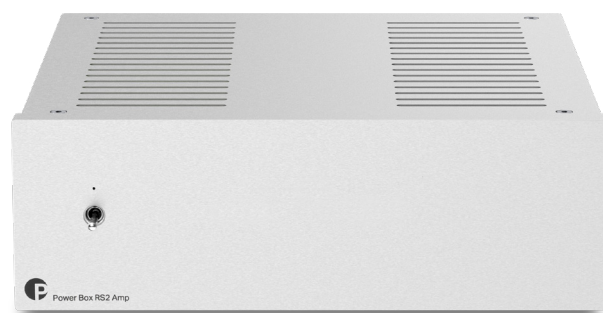
The solid isolated gold-plated speaker output terminals allow 4 mm banana connectors, spades or bare wire to be connected. Our Connect it LS cable range offers you different cable types to fit your needs.

Upgrade Linear Power Supply

A clean and stable power is necessary for every HiFi set-up. The included power supply is already a good base, but the **Power Box RS2 Amp** goes even further.

The Power Box RS2 Amp increases the power output of the Amp Box RS2 by up to 25%.

A linear power supply consists of a big toroidal transformer with shielding between primary and secondary winding which acts as an isolation transformer and avoids penetration of interferences from mains into amplifier. This transformer has a big power reserve, compared to a standard power adaptor.



Power Supply Upgrade Power Box RS2 Amp available separately

