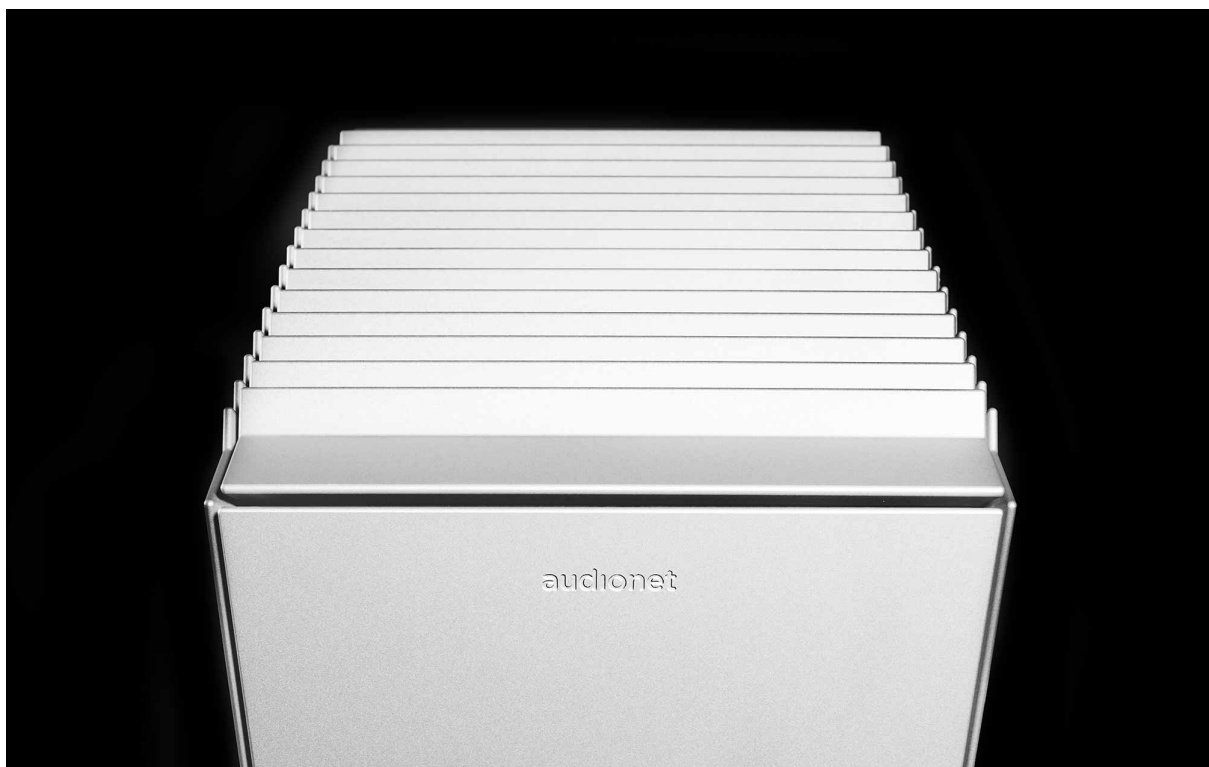


AUDIONET HEISENBERG

Ultimate monoral amplifier

Listen to music like never before

German design legend Hartmut Esslinger of Cupertino fame created the style of our new über-performance power amp HEISENBERG, which combines Audionet's unique electronics, in a stratosphere version, with a design quality that has not been seen in the realms of highenddom before.



- Mono power amplifier for absolute channel separation.
- Magnetically and capacitively optimized circuit and device design without any ferro-magnetic materials.
- Floating Pane Design for optimal resistance against microphonic effects and temperature stability.
- The floating panels of the body are resonance-optimized by pads on an aluminum frame.
- Mounting and bolted assembly of transformers made of stainless steel.
- Air Flow Design circuit boards for an optimum of cooling and stable quiescent currents.
- Galvanic separation of all analog circuits by opto couplers.
- Audionet ULA technology (Ultra Linear Amplifier) for real-time linearization of distortions.

- Rhodium Cinch jacks and Rhodium torque speaker terminals by Furutech.
- DC coupled with no sound diminishing capacitors or coils, shortest signal paths.
- Lossless signal transport via massive, gold-plated copper rails to the speaker terminals.
- No speaker relays.
- Two separate power supplies for device control and detection / monitoring of zero-crossing of mains power.
- Four power supplies for positive and negative power currents, separate for input & driver stage and power stage.
- Two encapsulated und decoupled 50 VA toroid transformers for input & driver stage.
- Two encapsulated and decoupled 1,200 VA toroid transformers for the power stage – ensuring a perfect power supply.
- Low impedance-optimized power capacitors with a total capacitance of 200,000 μF .
- Microprocessor controlled protection circuit with separate power supply, detecting high frequency, DC, overload and overheating.
- Rhodium fuse for mains and secondary side.
- Rhodium mains connector by Furutech.



Specifications (each mono bloc)



Output power:	530 W into 8 Ω 1,050 W into 4 Ω 2,100 W into 2 Ω
Frequency response:	0–700,000 Hz (-3 dB)
Damping factor:	> 1,800 @ 10 kHz > 10,000 @ 100 Hz
Harmonic distortion:	k2 typ. -117 dB for 25 W into 4 Ω k3 typ. -123 dB for 25 W into 4 Ω
Intermodulation:	< -110 dB SMPTE 100 Hz : 20 kHz, 4 : 1, 50 W into 4 Ω
THD + N:	> -106 dB @ 1 kHz, 25 W to 700 W into 4 Ω
SNR:	> 125 dB
Filtering capacitance:	200,000 μ F
Input impedance:	Line input: 50 k Ω , 33 pF XLR input: 7 k Ω 66 pF (line to line)
Power consumption:	max. 2,400 W
Mains:	220..240 V or 110..120 V, 50..60 Hz
Dimensions:	Width 270 mm - Height 500 mm - Depth 490 mm
Weight:	66 kg



Specifications by AUDIONET -1/2021, can change without prior notice.

