



AUDIONET

Scientific magic.

In- and Outputs

- Inputs:
- 1 Cinch line, Rhodium plated, Teflon insulated (Furutech)
 - 1 XLR balanced, gold plated (Neutrik)
 - 1 Audionet Link, optical (TosLink)
- Outputs:
- 2 pair speaker terminals, Rhodium plated, with torque guard (Furutech)
 - 1 Audionet Link, optical (TosLink)

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Design by Hartmut Esslinger.



Errors and omissions excepted. Specifications and design are subject to changes without prior notice.

<p>Sources PLANCK ART G3</p> 	<p>Integrated Amplifiers HUMBOLDT WATT SAM G2</p> 	<p>Preamplifiers STERN PRE G2 PRE I G3 PAM G2</p> 	<p>Power Amplifiers HEISENBERG MAX AMP AMP IV2</p> 	<p>Network Components DNP DNA I DNC</p> 	<p>Power Supplies AMPERE EPX EPS G2</p> 
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HEISENBERG

Say My Name



This is a scientific paper.
 For holographic images and optimal resolution please do visit your audionet expert dealer.
 Thanks very much. We're glad you are with us.

The Machine

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

The patented Floating Pane Design incorporates the ultimate audiophile qualities.

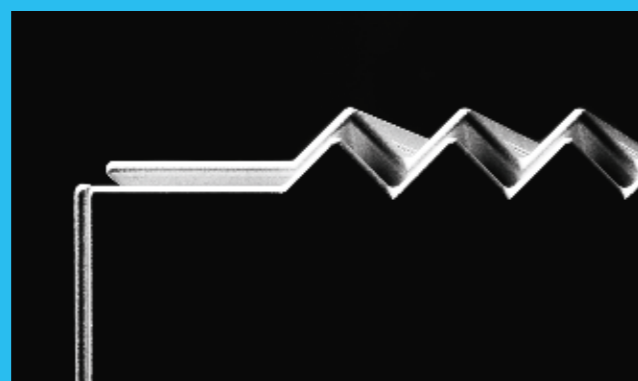
The Science

- 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.



One amp to rule them all – HEISENBERG rises high above anything, anywhere – even our serial show winner MAX (2015 “best sound” at RMAF, AXPOA, T.H.E.SHOW and HIGHEND).

- 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.



Finish: Colours silver or black.

- 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 μ F.
- 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.

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)
Mains:	220..240 V / 50..60 Hz or 110..120 V / 50..60 Hz
Power consumption:	max. 2,400 W
Dimensions:	width 270 mm height 500 mm depth 490 mm
Weight:	66 kg

Technical Data

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

Function

Ultimate Linear Mono Power Amplifier.