



**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><b>Sources</b>          PLANCK          ART G3</p> 	<p><b>Integrated Amplifiers</b>          HUMBOLDT          WATT          SAM G2</p> 	<p><b>Preamplifiers</b>          STERN          PRE G2          PRE I G3          PAM G2</p> 	<p><b>Power Amplifiers</b>          HEISENBERG          MAX          AMP          AMP IV2</p> 	<p><b>Network Components</b>          DNP          DNA I          DNC</p> 	<p><b>Power Supplies</b>          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  $\mu$ 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.

## Technical Data

Output power:	530 W into 8 $\Omega$ 1,050 W into 4 $\Omega$ 2,100 W into 2 $\Omega$
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 $\Omega$ k3 typ. -123 dB for 25 W into 4 $\Omega$

Intermodulation:	< -110 dB SMPTE 100 Hz : 20 kHz, 4 : 1, 50 W into 4 $\Omega$
THD + N:	> -106 dB @ 1 kHz, 25 W to 700 W into 4 $\Omega$
SNR:	> 125 dB
Filtering capacitance:	200,000 $\mu$ F
Input impedance:	Line input: 50 k $\Omega$ , 33 pF XLR input: 7 k $\Omega$ , 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

## Function

Ultimate Linear Mono Power Amplifier.

