



Function

Microprocessor controlled Ultimate Linear Integrated Amplifier.

Anschlüsse

- Inputs:
- 4 pair Cinch line, Rhodium (Furutech)
 - 2 pair XLR balanced, gold plated (Neutrik)
 - 1 D Sub 9 serial port (control only)
 - 1 SMA for WLAN (control only)
- Outputs:
- 2 pair Cinch line, Rhodium (Furutech)
 - 1 pair Cinch inverted, Rhodium (Furutech)
 - 2 pair XLR balanced, gold plated (Neutrik)
 - 2 Audionet Link, optical
 - 1 connector, gold plated, for additional earth connection

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Design by Hartmut Esslinger.



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



HUMBOLDT

The Cosmic Solution



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

Conceived and built by Audionet's legendary scientists and engineers, HUMBOLDT shares all the unsurpassed qualities of his brethren STERN and HEISENBERG, winners of the most coveted high end awards during the last three years. The design by German industrial designer legend Hartmut Esslinger hiding the most

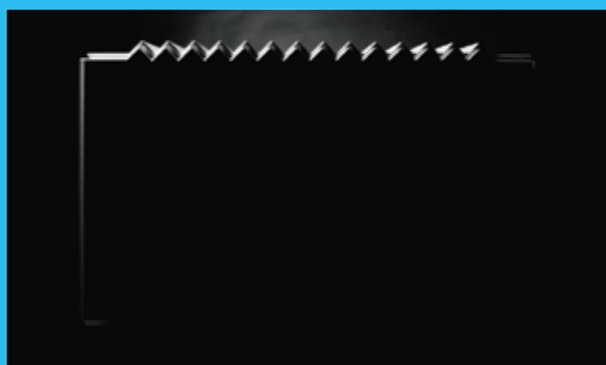
The Science

- Double mono layout of all circuitry and power supply for maximum 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.



advanced circuitry and technology money can buy in today's highenddom, HUMBOLDT stands as an integrated amp unlike any other on this planet. Our HUMBOLDT is the namesake of famed polymath, geographer, naturalist and explorer Alexander v. Humboldt who resurrected the use of the word cosmos from the ancient Greek and assigned it to his multivolume treatise, Kosmos, in which he sought to unify diverse branches of scientific knowledge and culture. This important work also motivated a holistic perception of the universe as one interacting entity. Thus aptly named, Audionet's HUMBOLDT explores the universe of music and leads us to discoveries unheard before. Enjoy the ride!

- 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.
- Rhodium RCA inputs and mains connector by Furutech.
- Volume controller on a double ball-bearing axis and with magnetic ratchet and optical sensing.



Finish

Corpus:
Silver or black

Display:
Light or dark colour TFT



Technical Data

Typ	Ultimate Analog Integrated Stereo Amplifier
Output Power	2 x 320 W into 8 Ω 2 x 460 W into 4 Ω
Frequency response:	0-700.000 Hz (-3 dB), DC 0,3-700.000 Hz (-3 dB), AC
THD+N	<-100 dB @ 1 kHz
SNR	> 120 dB, (A-weighted)
Channel Separation	> 140 dB, 20-20.000 Hz
Input impedance:	Cinch (Line): 50 kΩ Symmetrical (XLR): 35 kΩ
Mains:	220...240 V or 110...120 V, 50...60 Hz
Power consumption:	< 0,5 W Stand By, max. 1800 W
Dimensions:	Width: 450 mm Height: 320 mm Depth: 505 mm
Weight:	61 kg
Finish/Colours:	Corpus: Aluminum, 9 mm, Silver or black Display light or dark Colour TFT
Display:	Colour-TFT

- DC coupled with no sound diminishing capacitors or coils, shortest signal paths.
- Four power supplies for positive and negative power currents, separate for input & driver stage and power stage.
- Two encapsulated und decoupled 100VA and two encapsulated and decoupled 850VA toroid transformers.
- Low impedance-optimized power capacitors with a total capacitance of 312.000 µF.
- Total capacitance 400.000 µF.
- Newly developed contextual operating concept.
- By-Pass mode for integration into home cinema systems..
- Audionet Link outputs for the remote control of further Audionet ULTIMATE SERIES devices.
- Microprocessor control with separate power supply monitor and control of all functions, informing the user on a high resolution display.
- User definable names for each input, input levels adjustable for each input.
- User selectable function to remove DC levels from signal sources.
- Rhodium fuse.
- PreAmp Outputs in RCA and XLR for connecting additional Power Amps.

