AUDIONET
Scientific magic.

SCIENTIST SERIES
ULTIMATE MACHINE

STERN

The sound prize

The Machine:
Designed by German design legend Hartmut Esslinger of Sony and Apple Macintosh fame, our new über-performance preamp STERN 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 design encorporates the ultimate audiophile qualities.

One amp to rule them all – STERN rises high above anything, anywhere – even our serial show winner PRE G2 (2015 "best sound" at RMAF, AXPONA, T.H.E.SHOW and HIGHEND.

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The science:

Special features STERN

- Magnetically and capactively optimized circuit and device design without any ferro-magnetic materials.
- Floating Design for optimal resitance against microphonic effects and temperature stability.
- The floating panels of the body are resonance-optimized by massive brass pads on an aluminum frame.
- Mounting and bolted assembly of transformers made of stainless steel.
- Double mono layout of circuitry and power supply for maximum channel separation.
- Air Flow Design circuit boards for an optimum of cooling and stable quiecent currents.
- Galvanic separation of all analog circuits by opto couplers.
- The input and output sections as well as the volume control are realized using enhanced, discrete Audionet operational amplifier modules with state-of-the-art mica capacitors.
- Rhodium Cinch jacks by Furutech.
- Volume controller on a double ball-bearing axis and with magnetic ratchet and optical sensing.
- Volume controlled by electronic switches and real-time linearized precision resistor network.
- DC coupled with no sound deminishing capacitors or coils, shortest signal paths.
- One separate transformer per channel for the positive and negative half wave, leding to the perfect power supply.
- Four encapsulated and decoupled 50 VA toroid transformers.
- Main power supply capacitors 22,000 µF, optimzed for very low impedance and made with silk dielectric.
- Total capacitance of 176,000 µF.
- Microprocessor control with separate power supply monitor and control all functions and inform the user on a high resolution display.
- By-Pass mode for integration into home cinema systems.
- Audionet Link outputs for the remote control of further Audionet devices.
- User definable names for each input, input levels adjustable for each input.
- User selectable function to remove DC levels from signal sources.
- Rhodium fuse.

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