



STERN

The Nuclear Option



audionet GmbH Brunsbütteler Damm 140b, Gebäude G 13581 Berlin Germany

telephone: +49 (0) 30 233 2421-10

e-mail: contact@audionet.de website: www.en.audionet.de

f Audionet

I pair Cinch inverted, Rhodium (Furutech) 2 pair XLR balanced, gold plated (Neutrik) 2 Audionet Link, optical I connector, gold plated, for additional earth connection

2 pair Cinch line, Rhodium (Furutech)

4 pair Cinch line, Rhodium (Furutech)

I SMA for WLAN (control only)

2 pair XLR balanced, gold plated (Neutrik) I D Sub 9 serial port (control only)



Design by Hartmut Esslinger.

PLANCK

AUDIONET

Scientific magic.

Inputs:

Outputs:

In- and Outputs



Power Amplifiers HEISENBERG

MAX

AMP

Preamplifiers Integrated Amplifiers STERN HUMBOLDT PRE G2 WATT

















AUDIONET

Scientific magic.

AUdioNET

Scientific magic.

The Machine

Designed by German design legend Hartmut Esslinger of Cupertino 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 Pane Design encorporates the ultimate audiophile qualities.

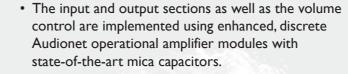
The Science

- · Magnetically and capactively 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 – 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).

- · 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 quiescent currents.
- Galvanic separation of all analog circuits by opto couplers.



- · 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 diminishing capacitors or coils, shortest signal paths.
- One separate transformer per channel for the positive and negative half wave, leading to the perfect power
- · Four encapsulated and decoupled 50 VA toroid transfor-
- Main power supply capacitors 22,000 µF, optimized for very low impedance and made with silk dielectric.
- Total capacitance of 176,000 μF.
- Microprocessor control with separate power supply monitor and control of all functions, informing the user on a high resolution display.
- By-Pass mode for integration into home cinema
- · 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.

Technical Data

Frequency response: 0 - 2,200,000 Hz (-3 dB),

DC coupled

0.3 - 2,200,000 Hz (-3 dB),

AC coupled

<-104 dB @ 20 kHz THD + N: <-116 dB @ 1 kHz

SNR: $> 123 \text{ dB}, 4V_{RMS}$ input

Channel separation: > 144 dB, 20 - 20,000 Hz 24 Ω real (Cinch line) Output impedance:

48 Ω real (XLR)

max. 60 mA Output current: 220..240 V / 50..60 Hz or Mains:

110..120 V / 50..60 Hz

Power consumption: < 0.5 W stand by, typ. 100 W

width 270 mm

Dimensions vertical: height 500 mm

depth 505 mm

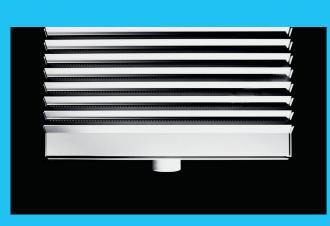
Dimensions horizontal: width 450 mm height 320 mm

depth 505 mm

Weight: 38 kg

Function

Microprocessor controlled Ultimate Linear Preamplifier.





Finish

Colours: Silver or black

Display: Light or dark color TFT

Orientation: Vertical or horizontal









