innuos

PhoenixNET

Audiophile-grade Network Switch

Minimise Network Switch Noise
Increase Clocking Precision and Stability
Provide Pristine Power to the Components
Minimize Component Vibration

Innuos.com

Designed from the ground up for Hi-Fi Audio

Minimize Network Switch Noise

Reduces high-frequency noise through a simpler 100Mbps network switch chip with no power switching regulators. Connected through high-end Isolation Transformers to individual Amphenol RJ45 shielded jacks with no LEDs and complemented with EMI treatment to further prevent noise into the circuit.

Increase Clocking Precision and Stability

A 3ppb 25MHz OCXO oscillator, as used in our flagship STATEMENT, individually powered by its own linear power supply and connected directly to the network switch chip.

Provide Pristine Power to the Components

Two high-end linear power supplies designed in collaboration with Sean Jacobs with CX modules and Mundorf Caps to individually power the OCXO clock and the mainboard, keeping the power path short with less opportunity for EMI contamination.

Minimize Component Vibration

Vibration is managed using custom designed CNC machined aluminium feet with an internal compound tuned to the resonant frequency of the chassis. The top cover is treated to convert vibration into small amounts of heat and sturdy RJ45 ports use silicone rings to minimize vibration coming from the chassis.

INNUOS.COM