



## Introducing the Switch X

---

The maker of the highest performance AV streaming device, the AppleTV X, is introducing the most flexible highest performance switch/router on the market

The Switch X network topology controller brings several features not available in any other device

A Dejitterit first – Clean networking

Isolated separate clean network segments just for audio packets providing a network free of packet noise and isolated from the rest of the house. This vastly lowers packet noise and jitter

Each port can be set to act as a high performance switch or router

Each of the 8 ports is modular, finely configurable & electrically isolated – 10Gbps ready  
Any flavor of optical / 100,1G,2.5G,10G Ethernet / DAC – Direct Attach Cable

The physical Ethernet layer has unmatched low noise and jitter

Internal clocks are hand selected low phase noise and fed with ultra low noise power supplies with the clock chip located ¼" from the switch chip for low loss and unmatched performance

4 wire noise canceling remote sensing linear power supply with dual regulation based on a LM317 and a audio output transistor. Ultra high isolation 3<sup>rd</sup> gen r-core transformer. This produces stunningly low 100 microvolt noise levels and +- 0.0002V stability measured on the switch main supply.

Internal regulation done at calibration lab precision with the use high uF state of the art multi layer ceramic and polypropylene caps with each physical network port isolated

The topology controller is a programmable, highly configurable, platform that supports every networking schema & protocol and is extensible for the future

