QNET

INSTRUCTION MANUAL

QRT®

A B O U T   T H E   Q N E T

The QNET is a layer-2 Ethernet switch with five ports designed from the ground up with high-end audio performance and an extremely low noise operation in mind.
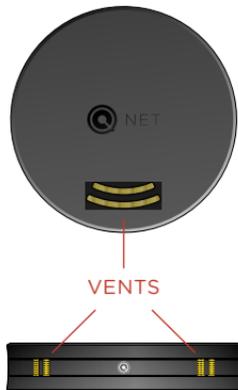
Most audiophile switches on the market take an existing consumer-level switch and improve parts of it, typically the power supply and the clock. While this approach certainly produces an improved performance, it doesn't come close to the results achieved by a design conceived from the drawing board to transmit and receive high speed signals.

Whether you stream music and/or video from a local server, your NAS, or from the Internet, the QNET will deliver a greater dynamic range, adding extension, clarity, and making the music sound more fluid and life-like, with a much lower noise floor, causing voices and instruments to stand out against a much quieter background.

PLACEMENT

Place the QNET so that it stands alone, with its three vents (one on the top and two on the sides) unobstructed at all times. Do not place the QNET near equipment that generates significant heat or in ambient conditions that exceed 100°F/38°C in temperature or 80% in humidity.
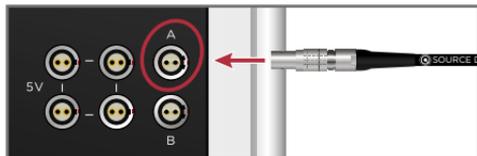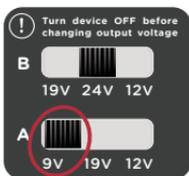
VENTS

POWERING UP

Plug in the provided DC power supply to power your QNET.

For best results, this standard power supply can be upgraded to Nordost's QSOURCE.

To power the QNET with a QSOURCE, first make sure both devices are off, then set the "A" variable output on the QSOURCE to 9V via the bottom switch.

Finally, attach the QNET to output A and then turn the QSOURCE on.

As long as the QNET is powered on, it is always operational. To turn it off, unplug the power cord or detach the power supply from the wall.

CONNECTING

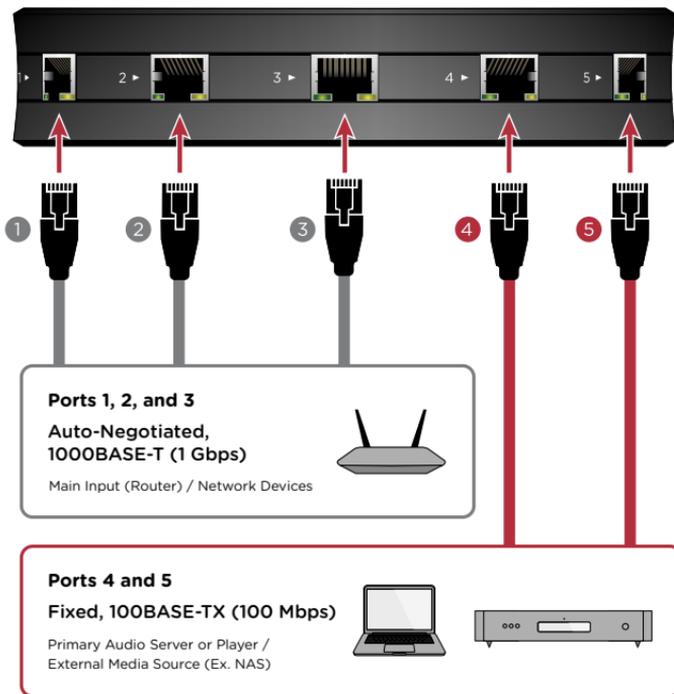There are 5 numbered ethernet ports on the back of the QNET.

Ports 1, 2, and 3 are auto-negotiated, 1000BASE-T (1 Gbps) capable. Your input (router) and any other generic network devices should be connected to these ports for best connectivity.

Ports 4 and 5 are fixed to 100BASE-TX (100 Mbps) for optimum audio performance. Connect your primary audio server/player and any external media source (for example, a NAS) to these ports.

Please make sure you use appropriate cables for the speed and performance you intend to achieve. **For best results consider Nordost Ethernet cables.**

RECOMMENDED CONNECTIONS

Ports 1, 2, and 3

Auto-Negotiated, 1000BASE-T (1 Gbps)

Main Input (Router) / Network Devices

Ports 4 and 5

Fixed, 100BASE-TX (100 Mbps)

Primary Audio Server or Player /
External Media Source (Ex. NAS)

SPECIFICATIONS

Type:	Layer 2 unmanaged switch
Number of ports:	5
Ports capability:	**Ports 1, 2, and 3** are 1000BASE-T/100BASE-TX capable with auto-negotiation and auto-MDI/MDI-X support.
	Ports 4 and 5 are 100BASE-TX full duplex only.
Connectors:	8P8C (RJ45)
DC Power Input:	9V/1.2A
Weight:	880g / 31oz
Dimensions:	165mm D x 34.25mm H (6.5in D x 1.35in H)

WARRANTY

Nordost warrants that the product will be free from defects in materials and workmanship to the original purchaser, under normal use and service, for a period of 24 months. This warranty is not transferable.

To qualify, please visit www.nordost.com/product-registration.php and fill out the form, together with proof of purchase, within 30 days of purchase.

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See www.nordost.com/downloads.php for more language options