

ESOTERIC

Network Audio Transport

Grandioso N1T
Network Audio Transport



Experience Next-Level Streaming

The new era of high-quality streaming has arrived, and with it, a new benchmark for performance: the Grandioso N1T, the first streaming transport in the Grandioso series.

Designed to deliver streaming playback at its absolute finest.

With its advanced networking capabilities and all-digital output, the N1T seamlessly integrates into a wide range of audio systems. You can build a complete Grandioso stack consisting of six units - N1T, P1X SE, D1X SE and G1X - for the ultimate omni-digital source system, pair it with the K1X SE or your favorite DAC. From the comfort of your listening chair, the Grandioso N1T gives you access to all the music in the world. Stream effortlessly and experience a luxurious music journey with breathtaking sound quality.



Grandioso Flagship 3-Chassis Streamer

The Grandioso N1T, combined with two D1X SE mono DACs, is Esoteric's ultimate 3-chassis streamer. The ES-Link5 connection using two HDMI cables and the complete separation of the left and right D/A circuits provide excellent resolution, channel separation and noise-free, pure playback quality. The system has a total of seven independent power supplies, and this system offers a three-dimensional, dynamic sound with analog purity at the highest level.

ES-Link5 is a unique Esoteric digital interface that provides ultra-wideband digital transmission. It uses two HDMI cables to transmit the left and right channels separately, and supports wideband transmission up to DSD 22.5MHz. Utilizing the multi-strand structure of HDMI, it transmits each signal of "Audio Data", "LR Clock" and "Bit Clock" in a fully balanced manner. Unlike normal digital transmission, it does not require the signal modulation process on the sending side or the demodulation process on the receiving side, and this innovative approach significantly reduces the digital processing load on the DAC, ensuring superior sound quality.



Grandioso N1T
Network Audio Transport

A Network Solution that Reveals the Full Potential of the Grandioso K1X SE

By connecting the N1T to the K1X SE, you can enjoy both SACD and network sources, taking full advantage of the outstanding sound quality of the K1X SE's built-in Master Sound Discrete DAC. The N1T's USB output is a dedicated audio output terminal, and like the ES-Link5, it is completely isolated from the network engine and powered by a dedicated audio power supply.

The USB port supports digital audio playback up to DSD 22.5MHz and PCM 768kHz/32bit, making it compatible with a variety of DACs equipped with USB connectivity. Additionally, the N1T features two additional digital outputs (XLR × 1, RCA × 1).





ESOTERIC Network Engine G4

Equipped with 4th Generation Esoteric Network Engine G4

The N1T is equipped with the 4th generation "Esoteric Network Engine G4", featuring support for an SFP port and boasting powerful processing capabilities that ensure a level of sound quality worthy of the Grandioso name. The engine and audio circuitry are meticulously engineered for complete isolation, safeguarding signal purity. Independent linear power supplies for each circuit elevate the experience further, producing sound that is strikingly smooth, lifelike, and reminiscent of the feeling of vinyl playback.



Esoteric Network Engine G4 (left), digital audio circuit (right), and dedicated large linear power supplies

SFP Port

The Esoteric Network Engine G4 is equipped with two network interfaces: an Ethernet RJ45 connector and an SFP port.

By connecting the N1T to an external network device using an SFP module and fiber optic cable, you can isolate the signal from network noise, achieving unparalleled purity in playback. Alternatively, a metal cable connection using a Direct Attach Cable can simplify the network signal path by reducing the number of circuits involved. For maximum flexibility, both the RJ45 and SFP ports can be used simultaneously.



Key Features

- **Network Digital Audio Transport:** Optimized for pristine digital playback without a DAC.
- **Esoteric's Flagship 3-Chassis Streamer:** N1T + D1X SE Mono DACs.
- **SACD + Network Combo:** Seamlessly integrates with the K1X SE for the ultimate digital playback.
- **"Esoteric Network Engine G4":** DSD 22.5MHz native playback support, SFP port.
- **Pure Audio Circuit:** Completely isolated from the network engine.
- **Independent Linear Power Supplies (Network/Audio/Control):** Provides powerful clear sound.
- **"Low Feedback DC Power Regulator":** Contributes to live, open sound quality.
- **ES-Link5:** Our proprietary ultra-wideband HDMI cable link with Esoteric DAC models.
- **Wide Range of Digital Connectivity:** ES-Link5 x1[L/R], USB x1, XLR x1, Coax x1.
- **Music Server Function:** Two USB drives can be connected.
- **"Master Sound Discrete Clock for Digital Player":** Ultra-high precision internal clock.
- **10MHz Clock Sync Capability:** With Grandioso G1X master clock.
- **Supported File Formats:** DSF, DSDIFF, FLAC, Apple Lossless, WAV, AIFF, MQA, MP3, AAC.
- **Esoteric Sound Stream App:** Provides extremely comfortable operation on smartphone/tablet.
- **Support for Multiple Streaming Services:** Tidal, Qobuz, Roon, Spotify.
- **Multi-Layer Chassis:** Prevents interference between circuit components.
- **Semi-Floating Top Panel:** Enhances sonic openness.
- **Advanced Isolation Feet:** Provides focused sound and an open soundstage.



Specifications

[Network section] ● Supported file formats: FLAC, Apple Lossless (ALAC), WAV, AIFF, MQA, DSF, DSDIFF (DFF), DoP, MP3, AAC (m4a container) ●ETHERNET port x1 ●SFP port x1 ●USB drive ports: TYPE-A x1, TYPE-C x1 ●Supported sampling frequencies: PCM 44.1 to 768kHz, 16/24/32bit (32bit integer/32bit float), DSD 2.8MHz, 5.6MHz, 11.2MHz, 22.5MHz **[Digital outputs]** ●ES-LINK x1 (L/R) ●USB TYPE-A x1 ●XLR x1 ●RCA x1 *Output format: PCM 44.1 to 192 kHz, 16/24bit, DSD 2.8MHz (DoP) **[Clock input]** ●BNC x1 **[External control]** ●Trigger input x1 **[General]** ●Power supply: AC220~240V, 50/60Hz (Europe) AC120V, 60Hz (USA/Canada) AC220V, 60Hz (Korea) ●Power consumption: 37W (in standby: EU 0.35W, US 0.3W) ●External dimensions (W×H×D, including protrusions): 445mm×132mm×448mm (17 5/8" × 5 1/4" × 17 3/4") ●Weight: 23.1kg (50 7/8 lb)

