



ESOTERIC

Grandioso P1X SE SACD/CD Transport

253021

Esoteric's Premier Super Audio CD Transport, with Separate Power Supply Unit



PRODUKTSPECIFIKATION

ES-Link5 Digital Transmission

Esoteric's own ES-Link digital interface utilizes HDMI cables for signal transmission. With the introduction of the P1X SE / D1X SE, ES-Link has been further upgraded to Ver. 5 and supports an even wider range of superior sound quality formats (Max. 22.5MHz DSD and 768kHz/48-bit PCM). HDMI's multi-conductor structure permits full balance transmission of audio data and LR clock and bit clock signals.

This differs from regular digital transmission as signal modulation is not required on the sender side and demodulation processing is not required on the receiver side, thus dramatically reducing digital processing loads on the DAC side and enabling ideal digital transmission.

Dual-Chassis Construction with Separate Power Supply

The P1X SE's power supply, as a fundamental source of vibration, has from its very first iteration been designed and constructed as a separate yet integral unit in order to achieve the quietest possible disc read characteristics and higher audio quality.

Four Independent Toroidal Power Supply Transformers

The power supply incorporates a total of four independent toroidal transformers, which provide each circuit with a clean and powerful supply of electricity.

Low-Feedback DC Regulators

Both the P1X SE and D1X SE feature low-feedback discrete DC regulators. The reduction in feedback level helps achieve a vibrantly energetic sound that seemingly overflows with a sensation of openness.

EDLC Super Capacitors

Both the P1X SE and D1X SE include EDLC* super capacitors throughout their power supply circuitry. The P1X utilizes a total of 38 EDLCs (with a combined capacity of 1,400,00F or 1.4F), while the D1X features a total of 50 EDLCs (for a combined capacity of 1,300,000F/1.3F) for the pair. Through this maximization of power supply capacity, remarkable improvements in low-range resolution and audio quality have been achieved.

* EDLC(Electric Double-Layer Capacitor): Developed as next-generation power devices for the electric vehicle industry, these capacitors are attracting wider attention as cutting-edge technology due to their exceptionally high capacitance.

Master Sound Discrete Clock for Digital Player

It is no exaggeration to say that the clock circuitry is the biggest key to high sound quality in digital music reproduction. For its flagship master clock generator Grandioso G1X, Esoteric has perfected its own in-house manufactured OCXO clock module, the Master Sound Discrete Clock. The G1X's unique discrete circuitry has been highly acclaimed for its superior musical expressiveness, creating a buzz in

the world of high-end audio that has traditionally been described only in terms of technical specifications.

The "Master Sound Discrete Clock for Digital Player" used in the P1X SE applies the basic design concept of G1X's in-house manufactured OCXO module to the internal clock of the digital player models. The unique circuit design using carefully selected discrete components, such as a large crystal oscillator, achieves high sound quality that reflects Esoteric's philosophy in every detail, which cannot be achieved with an off-the-shelf clock module. The P1X SE can also be connected to the Grandioso G1X external master clock generator to improve sound quality by synchronizing the internal circuitry to an even more accurate 10 MHz clock.

Multilayer Chassis

Special care was also taken in the chassis construction of each unit, with a rigid, heavy-duty, thick aluminum panel enclosure to ensure thorough vibration control. The bottom chassis, to which each circuit component is attached, adopts a multi-layer structure using multiple steel plates. The power transformer and other components are fixed on separate layers and placed in a three-dimensional arrangement to prevent mutual interference between each component. Esoteric's original Pinpoint foot*, which integrates a spike and saucer, has been replaced with a new foot that is not bolted to the lower chassis, but is held in place by the weight of the chassis when installed. By avoiding the stress concentration caused by screwing the Pinpoint foot body into the large surface area of the lower chassis, a more open sound is created.

*Patent JP4075477 / JP3778108

Semi Floating Top Panel

The enclosure's top panel utilizes a screwless semi-floating structure that further contributes to an open and expansive sound.

Double-Faced Remote Control

A compact and simple remote control is included that can also operate Esoteric amplifiers. The functional design features buttons used for each operation scenario on both sides of the remote control, and the smartphone-sized aluminum body, which fits comfortably in the hand, is achieved through advanced metal processing. Esoteric's new approach is a design that allows you to experience thoughtful operability and craftsmanship every time you pick it up.

Specifikation

Produktegenskaper

EAN:	4907034225156
Tillverkarens nummer	GRANDIOSO P1X SE
Vikt	53.0 kilograms