

D1 CD/SACD Transport/Player



Despite advances in high-resolution file-replay, the optical disc remains the reference standard for digital music replay. Those who have predicted the imminent demise of CD and who already danced on the grave of SACD, might want to take a look at the rude health of the vinyl LP, a format long ago consigned by many to the dustbin of audio history. In fact, there have never been so many CD and SACD titles available – and they have never been so affordable, making them the most consistent and stable digital source currently available. They are a source that's going to be with us for years to come, making a high-performance optical disc player central to any high-end audio system.

The CH Precision D1 is a configurable CD/SACD player/transport, the card-cage output architecture allowing owners to optimize the output topology to suit their system requirements, whether they need a player, transport or prefer to have both in a single unit. Built around a mechanically optimized implementation of the acclaimed Esoteric VMK-5 transport mechanism with its energy-sink construction, coupling the transport directly to a steel base plate, itself mechanically grounded via hardened steel corner posts, ensures minimum mechanical interference with the optical replay process, while basic output options include a digital output board (S/PDIF, AES/EBU, CH-Link HD and TosLink) or stereo analog output board (with one pair of RCA and one pair of XLR sockets). The CH-Link HD connection allows digital output of high-definition material, including DSD, direct to the C1 or I1 DACs, while owners can also specify up to three of each board type, to accommodate multi-channel SACD replay. In addition, it is possible to fit a single pair of dedicated mono analog output boards to create a reference stereo player. The optional clock synchronization board allows a D1 transport to be slaved to either a DAC master clock or the T1 Reference clock for optimum performance. Finally, the D1's performance can be further upgraded with the use of an X1 external power

supply. All replay, output and switchable filter functionality is accessible via the CH concentric control on the front panel, or remotely, via the CH-Control App. Player and replay status are displayed on the large AMOLED screen, whose color and brightness can be adjusted to offer a perfect match with other units in the system. This flexibility, when it comes to configuration or application, along with its ease of operation make the D1 the most adaptable, upgradable and future proof optical disc replay solution available.

“When I swap over to the CH D1, it's like getting an updated prescription from the optometrist. The stage snaps into focus and becomes graphically partitioned into precise 3D blocks. Everything is totally resolved... Instruments are disentangled from each other and occupy their own space with enhanced weight and body... Want to follow inner voices? Sure. Pick one—any one.”

**MARSHALL NACK,
POSITIVE-FEEDBACK**

Optical Reading

- Widely acclaimed Esoteric VMK-5 pick-up mechanism
- Advanced mechanical coupling between optical mechanism and the D1 chassis for minimal mechanical interference

Supported Formats

- Stereo and Multichannel SACD
- CD, including finalized CD-R/RW

Configurations

- Stereo or multi-channel transport, factory fitted with AES/EBU (XLR), S/PDIF (RCA) and TosLink digital outputs
- Proprietary CH-Link HD, ideal high-definition capable connection to the C1 Digital to Analog Controller or I1 Universal Integrated Amplifier
- Stereo or multi-channel player, factory fitted with the above digital outputs as well as balanced XLR and single-ended RCA analog outputs
- Reference stereo player with dual-mono balanced XLR, and single-ended RCA and 75 Ohm BNC analog outputs

Timing & Clocking

- Ultra low jitter VCXO master clock oscillator with dedicated power supplies
- Optional master/slave clock synchronization board

Optional Analog Output

- Dual mono multi-bit Delta-Sigma converters
- Selectable interpolation filters
- Pure class A, fully symmetrical design
- Fully discrete, ultra low noise, high slew rate, DC coupled analog output stage
- Zero global feedback

Optional Hardware

- 2-Channel Digital Output Board – four digital outputs (CH-Link HD, AES/EBU, S/PDIF and TosLink). Up to three Digital Output Boards can be mounted in the D1 to allow multi-channel SACD reproduction
- 2-Channel Analog Output Board – 1 pair XLR, 1 pair RCA. Up to three boards can be used in the unit to allow multichannel SACD reproduction
- Monaural Analog Output Board (XLR, RCA, BNC). Sold as a pair, for Left and Right front channels only. Turns the D1 Transport into a reference stereo player
- Clock Synchronization Board – allows the D1 to receive clock synchronization from an external master clock generator, the C1 Digital to Analog Controller, I1 Integrated Amp, or to itself become the system master clock



“(The D1 delivers) a very even tonal balance, with beautifully fleshed out, powerful tonal colours and without disturbing dissonance. The stereo image is incredibly stable, placed rock solid before, behind and outside of the speakers.”

WERNER ERO, MUSIC EMOTION