



D1

SACD, CD Transport/Player



Where Swiss Precision Meets Exquisite Refinement



GRAND PRIX 2010
STEREO SOUND



BEST PERFORMANCE OF THE YEAR 2014
AUDIO ART



OUTSTANDING.
OVERALL PERFORMANCE AWARDS 2012
SUPER AV





www.ch-precision.com

D1

SACD, CD Transport/Player

CH Precision D1 Reference SACD, CD Transport/Player exemplifies state-of-the-art Swiss precision and utmost dedication to faithful musical reproduction. The D1 offers a modular audio output architecture based on optional slot-in boards. Almost any configuration ranging from a stereo analog player to a multichannel digital transport can be achieved. The user interface is based on an ergonomically designed dual concentric rotatory knob with push function and feedback is given by an RGB high definition AMOLED display.

OPTION BOARDS

	2-Channel Digital Output Board Four digital outputs - CH Link, AES/EBU, S/PDIF and Toslink - are provided on a single board. Up to three Digital Output Boards per D1 to allow multichannel SACD reproduction using three separate D/A converters. One board is factory fitted.
	2-Channel Analog Output Board Up to three boards can be used in the unit to allow multichannel SACD reproduction. Can be ordered with the following back panels: Left / Right - Left surround / Right surround - Center / Sub.
	Monaural Analog Output Board Turns the D1 Transport into a reference stereo player. Sold only by pair, for Left and Right front channels.
	Clock Synchronization Board Master/Slave clock synchronization board. Allows the D1 to receive clock synchronization from an atomic clock generator as well as from the C1 Digital to Analog Controller or to become the system clock master.

Optical Reading

- Widely acclaimed Esoteric VMK-5 pick-up mechanism
- VRDS-NEO technology for state-of-the-art audio data stream reading capability
- Advanced mechanical coupling between optical mechanism and the D1 chassis for minimal vibrations

Supported Formats

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

Output Modularity

- Factory fitted with CH Link, AES/EBU, S/PDIF and Toslink digital outputs. The CH Link interface allows for synchronized transfer of high definition audio content including DSD (ideal interconnection to the C1 Digital to Analog Controller)
- Neutrik balanced XLR, WBT single-ended RCA and ultra high bandwidth coaxial BNC outputs, optional

Timing & Clocking

- Ultra low jitter digitally controlled VCXO oscillator on dedicated power supplies
- Optional Master/Slave synchronization board

Optional Analog Output

- Individual multibit Delta-Sigma converter per channel
- Selectable interpolation filters
- Pure class A, fully symmetrical design
- Fully discrete, ultra low noise, high slew rate design
- Zero global feedback
- No capacitor in the audio signal path

X1 External Power Supply



The X1, musically and stylishly complementing the D1, is an ultra low noise, discrete, regulated linear power supply. It further improves the D1's performances, allowing your system to reach the next level of signal transparency, speed and musicality.



UNIT SPECIFICATIONS

Digital Audio Outputs	
AES EBU, S/PDIF, Toslink	PCM 44.1kHz/16 bits
CH Link	PCM 44.1kHz/16 bits and native DSD 2.8224MHz/1bit
Analog Audio Outputs	
Total Harmonic Distortion + Noise	Less than 0.0015% for SACD - less than 0.002% for CD
Signal to Noise Ratio	Better than 120dB for both SACD and CD
General	
Display	480 x 272 pixels 24bits RGB AMOLED
Power supply	Selectable 100V, 115V or 230V AC, 47Hz to 63Hz, < 1W in Standby
Overall dimensions and weight	440mm x 440mm x 133mm, 32kg
Software update / Control	USB port for software update / Ethernet based system control

Specifications subject to change without notice. Illustrations are informative only.