E-Serie - CD-Player
an audiophil CD-Spieler

We are convinced that the classic CD will remain one of the most important program sources into the fairly distant future. For this reason the CD PLAYER was designed as a pure-bred stereo CD player in the tradition of our legendary disc players. It is fitted with the newly developed High-End loader and the disc mechanism of our 1250 R High-End SACD player. The decoder is a development based on the latest processors, and is designed specifically to provide the highest-possible quality of CD reproduction. The mechanism rotates at a single speed - in contrast to DVD mechanisms which work at significantly higher rotational speeds, and therefore often have problems with out-of-balance CD discs. The disc mechanism unit features high-quality components throughout: heavy-duty motors from MABUCHI, a sub-chassis with good damping characteristics, stainless steel pushrods, metal-ABS laminate disc drawer and full encapsulation in a metal shield. Viewed overall, the CD PLAYER features the most modern and compact mechanism / loader design on the world market.

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External connection

High-quality analogue outputs are complemented by a jitter-free digital output. The CD PLAYER is supplied complete with the F 100 system remote control handset which is used to control the POWER PLANT. The “E-Link” data bus system has to be connected for this to work.

Data is displayed on a large, high-resolution graphic screen which is clearly legible even from a distance.

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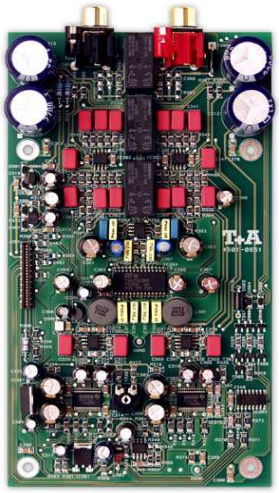
D/A Converter

D/A conversion is carried out by highly selected Burr-Brown converters which are widely acknowledged as the

best available; they are also employed in other T+A disc players. Two different oversampling algorithms can be selected, enabling the listener to achieve the best possible sound according to personal taste and the particular recording. The first process (Filter 1) delivers an extremely linear frequency response (high-quality FIR filter) with a steep fall-off slope, while the second (Filter 2) is similar to the Bezier polynomials used in our R-series and V-series players, exhibiting a slow roll-off behaviour with reduced pre- and post-oscillations. It is not quite so linear in terms of frequency response, but balances this with greater dynamic range and liveliness.



The E-series players are equipped with a D/A converter which is a completely new development; it is of symmetrical construction, with total separation of the two channels. The outstanding feature of our players is their ultra-refined analogue output stages. These offer sound of great beauty, and play a crucial role in the excellent overall quality of reproduction. They process the converted digital sources as well as the analogue sources in the MUSIC PLAYER.

The D/A converter section is also of very sophisticated construction. Two of the best converters available are wired in double-mono mode for each channel. This design concept produces outstanding harmonic distortion, signal : noise ratios and dynamics. A special clock recovery circuit ensures perfect jitter characteristics.

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Loader

The High-End loader unit of our R-series disc players was adopted for the E-series players. This unique design incorporates steel pushrods, an aluminium-ABS support plate, a floating-support laser unit and heavy-duty MABUCHI motors.

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Specifications

Formats

CD	CD, CD-R/RW, CD Text

Audio

Analogue outputs	Stereo 2,5 Veff / 22 Ohm
Digital outputs	1 x coax IEC 60958 (SP-DIF)
D/A - Converter	24-bit Sigma Delta, 8-time Oversampling
Frequency response	2 Hz - 20 kHz
Total harmonic distortion	< 0.001 %
Signal / Noise	109 dB
Channel seperation	106 dB
Switchable analogue filters	3rd order base-linear bessel filter 60 kHz o. 100 kHz

Dimension (H x H x D)	12 x 44 x 39 cm
Weight	8 kg
Remote control	system remote control included
Interface	RS232 for update and control

Finishes	black case with silver side-panals
	silver case with black side-panals

We reserve the right to alter technical specifications