

INFORMATION
E-SERIES CD-PLAYER

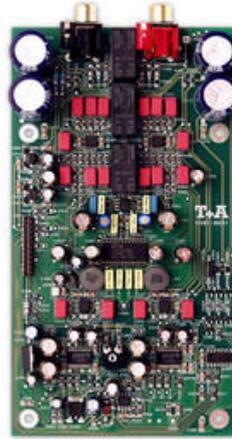

We are convinced that the classic CD will remain one of the most important program sources into the fairly distant future. For this reason the CD PLAYER was designed as a pure-bred stereo CD player in the tradition of our legendary disc players. It is fitted with the High-End loader and the disc mechanism of our 1260 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.

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 MKII. 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.

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 roll-off slope, while the second (Filter 2) is an impulse response optimised filter exhibiting an outstanding dynamic range and liveliness. The sophisticated signal processing circuit, including a precision jitter-free oscillator and high-quality audio output with two different switchable bandwidths (as in the D102 High-End player) and the high-performance mains



power supply guarantee fabulous results in terms of sound quality.

The E-series players are equipped with a D/A converter which is of a 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 MKII. If necessary, a high-quality volume and tone control system* can be switched into the circuit, permitting direct connection to output stages or active loudspeakers. 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.

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.



Specifications

Formats

CD CD-R, CD Text

Audio

Analogue outputs Stereo 2,5 Veff / 22 Ohm

Digital outputs 1 x coax IEC 60958 (CDDA/LPCM)

D/A - Converter 24-bit, 352,8 kHz Sigma Delta, 8-times oversampling, double-Mono

Frequency response 2 Hz - 20 kHz

Total harmonic distortion < 0.001 %

Signal / Noise 109 dB

Channel separation 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 9,5 kg

Remote control system remote control included

Interface RS232 for update and control

Finishes black case with silver side-panels

silver case with black side-panels

We reserve the right to alter technical specifications

High End Show 2011 in Munich | Ne