

## INFORMATION

**E-SERIES MUSIC PLAYER**

This music player is a unique device and the first of its kind, representing the first ever combination of the classic music source CD with other music sources from the world of computers and the Internet. Please note that the MUSIC PLAYER is NOT a computer, but a high-quality audiophile CD player into which additional capabilities have been implanted, enabling it to exploit other digital sources as streaming clients. To achieve this versatility we have developed a processor board which is network-capable, and features W-LAN, LAN, UPnP, and USB interfaces. The result is that the MUSIC PLAYER can access everything which delivers music: Internet radio, network music servers and USB media storage devices, as well as VHF radio via the integral tuner.

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 disc mechanism / loader design on the world market.

***External connection***

The back panel of the MUSIC PLAYER gives some idea of the huge versatility of this unit. High-End analogue outputs (regulated if necessary) are present, as are a jitter-free digital output and two high-quality digital inputs (cinch + optical); the latter can be used for converting the signals from external sources, which means that the extraordinary sound qualities of the MUSIC PLAYER can also be exploited to benefit other devices. The MUSIC PLAYER is supplied complete with the F 100 system remote control handset, which is used to control every aspect of the POWER PLANT. The "E-Link" data bus system has to be connected for this to work.

***D/A converter***

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. 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.

As you might expect, this super-converter enables the MUSIC PLAYER to reproduce the digital content of MP3 players and memory cards to a standard of quality which can never be approached by the source devices themselves with their integral "little converters". This is where we show what is possible with High-End audio technology.

### **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**

<i>CD-Player</i>	CD, CD-R/RW, CD Text
<i>Streaming Client</i>	MP3, WMA, LPCM, WAV, FLAC, AAC, OGG-Vorbis
<i>supported mediaserver</i>	UPnP 1.1, Microsoft Windows Media Connect Server (WMDRM10), vTuner Internet Radio Service, Music Choice streaming music service
<i>Interfaces</i>	USB, 2 x SP/DIF digital input
<i>Radio</i>	FM Radio 87,5 - 108 MHz
<b>Audio</b>	
<i>Analogue outputs</i>	Stereo 2,5 Veff / 22 Ohm
<i>Digital outputs</i>	1 x coax IEC 60958 (CDDA / LPCM)
<i>Digital inputs</i>	2 x SP-Dif (1 x coax, 1 x optical)
<i>D/A - converter</i>	24-bit Sigma Delta, 8-time Oversampling
<i>Frequency response</i>	2 Hz - 20 kHz
<i>Total harmonic distortion</i>	< 0.001 %
<i>Signal / Noise</i>	109 dB
<i>Channel separation</i>	106 dB
<i>Switchable analogue filter</i>	3rd order phase-linear bessel filter, 60 kHz or 100 kHz
<i>Dimensions (H x W x D)</i>	12 x 44 x 39 cm
<i>Weight</i>	9 kg
<i>Remote control</i>	included
<i>Interface</i>	RS232 for update and control
<i>Finishes</i>	black case with silver side-panels

silver case with black side-panels

*We reserve the right to alter technical specifications*