INFORMATION

E-SERIES MUSIC PLAYER MKII

It is a unique and totally exceptional device, 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 MKII 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, USB and iPod interfaces. The result is that the MUSIC PLAYER MKII can access everything which delivers music: Internet radio, UPnP, network music servers and USB media storage devices, iPods (including their control systems) 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 MUSIC PLAYER MK II was designed as a pure-bred stereo CD player, and its construction and overall design are those of the E-series CD players. The digital signals from the CD mechanism, the Streaming Client board, the new VHF tuner and the two digital inputs (optical and co-ax) are converted into superb-quality analogue signals by the extremely sophisticated integral double-mono DAC. The machine even employs the latest 32-bit converters from Burr-Brown (TI). This means that the MUSIC PLAYER MK II is not only a High-End player, but also a High-End audio DAC for external sources!
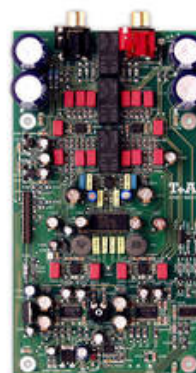
External connection

The back panel of the MUSIC PLAYER MKII 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 MKII can also be exploited to benefit other devices. The MUSIC PLAYER MKII is supplied complete with the F 100 system remote control handset, which is used to control every aspect of the POWER PLANT MKII. The "E-Link" data bus system has to be connected for this to work.

D/A converter

The D/A converter 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 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.As you might expect, this super-converter enables the MUSIC PLAYER MKII 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

CD-Player	CD/DA, CD-R/RW, CD Text
Streaming Client Formats	MP3 , WMA, AAC, OGG-Vorbis, FLAC (96/24 over LAN), WAV (96/24 over LAN)
Playlists	PLS, M3U, ASX (if supported by server)
Supported servers	UPnP 1.1, UPnP AV, Microsoft Windows Media Connect Server (MS DRM10), vTuner Internet Radio Service, DLNA compatible servers
Standards	DLNA, UPnP, MS-DRM 10, Designed to play Plays for sure guidelines
Features	vTuner Internet Radio Station database (automatic updates over Internet)
Interfaces	USB 2.0, iPod with control and display, 2 x digital input SP/DIF coax and optical (TOS-Link), 16....24BitLAN, W-LANRS 232 update and control interface
Radio	FM Radio 87,5 - 108 MHz

Audio

Analogue outputs	Stereo 2,5 Veff / 22 Ohm fixed or 0...2,5 Veff variable
Digital outputs	1 x coax, IEC 60958 (CDDA/LPCM)
Digital inputs	2 x SP/DIF, coax and optical (TOS-Link)
D/A - converter	32-bit, 352,8 kHz Sigma Delta, 8-times oversampling, double-Mono
Switchable analogue filters	3rd order base-linear Bessel filter 60 kHz and 100 kHz
Frequency response	2 Hz - 20 kHz
Total harmonic distortion	< 0.001 %
Signal / Noise	109 dB
Channel separation	106 dB
Dimensions (H x W x D)	12 x 44 x 39 cm
Weight	10 kg
Accessories	system remote control included, WLAN antenna, iPOD cabel
Interface	RS 232 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

New bi-directional remote control | F