MP 1260 R – DAC / NETWORK-CLIENT

This species of device represents the way forward for music reproduction. More and more music lovers are recognising the advantages of stored music content for High-End listening. Nowadays almost every household has a computer network. This provides a straightforward method of storing music on network discs in any resolution (and therefore quality) that is desired. This stored music is then available to the entire household (network) – and thus everyone in the dwelling – in MP3 quality, as CD files or even to higher standards. It is worth noting that the sound quality of high-resolution or uncompressed data on hard discs is indisputably superior to that from the classic CD. For these reasons it was an obvious move for T+A to develop machines which exploit the great potential which exists in these media to a higher standard and with greater consistency, thereby helping to push these formats a significant step forward in the direction of High-End quality. The MP 1260 R is a thoroughbred audio device which is easily integrated into the home network and Internet, and offers the best possible audio quality. Please note that the MP 1260 R is NOT a computer. Instead it is a high-quality audiophile D/A converter into which additional capabilities have been transplanted, enabling it to make use of other digital sources such as a Streaming Client. In addition to this we have developed a network-capable processor board, featuring W-LAN, LAN, UPnP, USB and iPod interfaces. The net result is that the MP 1260 R can access anything and everything that delivers music: Internet radio, network music servers (NAS), USB media storage devices, MP3 players and iPods – including their control system. The machine also incorporates a high-quality VHF tuner, so that listeners can continue to enjoy good old analogue radio. The overall design and construction of the converter and sub-assemblies is based on those of the new CD 1260 R, and as you would expect it offers fantastic sound quality. For this reason we have equipped the MP 1260 R with two additional digital inputs, so that other digital sources can also benefit from its superb converters.

The back panel of the MP 1260 R shows the comprehensive facilities provided by this digital source device. These include the High-End analogue outputs of the quadruple converter and a jitter-free digital output. Two high-quality digital inputs (cinch and optical) are available for converting external sources (e.g. set-top boxes), enabling these sources to exploit the superb sound qualities of the MP 1260 R in the same way as the LAN, W-LAN, iPod and USB ports. A VHF tuner is also included. The MP 1260 R is connected via the "R-Link" data bus, and is remote-controlled like any other source device via the master unit in the R-system. An RS-232 update and control port is also present.

Specifications

Formats

Streaming Client formats	MP3 , WMA, AAC, OGG Vorbis, FLAC (192/32 over LAN), WAV (192/32 over LAN), AIFF (192/32 over LAN), ALAC (96/24 over LAN)
Supported media servers	UPnP 1.1, UPnP-AV und DLNA-compatible Server, Micorsoft Windows Media Connect Server (WMDRM 10), vTuner Internet Radio Service, DLNA-compatible Server
Features	Web server (remote PC web browser control), Audio network config., Internet Radio Station database (automatic update via Internet) digital access of iPod contents (D/A conversion in MP 1260 R)
Interfaces	USB 2.0, iPod with control and display, 2 x Digitalentrances (SP/DIF) coax 16... 24 Bit, 24... 192 kSps + optical(TOS-Link) 16 ... 24 Bit, 24 ... 96 kSps, LAN, W-LAN

Audio data

Analogue outputs	Stereo 2,5 Veff / 22 Ohm
Digital outputs	1 x coax IEC 60958 (LPCM)
D/A converter	Doppel-Differential-Quadruple-Converter with 4 D/A-converters per channel, 32-Bit Sigma Delta, 352,8 kSps/384 kSps
Upsampling	free programmable signal processor with 4 selectable oversampling algorithms. FIR short, FIR long, Bezier/IIR, Bezier
Analogue filters	Phase linear bessel filter with 100 kHz limit frequency
Frequency response	2 Hz – 20 kHz (44,1 kSps) 2 Hz – 22 kHz (48,0 kSps) 2 Hz – 40 kHz (96,0 kSps) 2 Hz – 80 kHz (192,0 kSps)
Total harmonic distortion	< 0.001 %
Signal / noise ratio	112 dB
Channel separation	106 dB

Tuner

Tuner	FM Radio 87,5 Mhz – 108 MHz

Input sensitivity	2 uV
Overload margin	> 125 dB
Overload damping (Stereo)	40 dB
RDS-Function	Station name, radio text, clock
Mains sockets	100 – 240 V, 50 – 60 Hz, 40 VA
Dimensions (H x W x D)	7,5 x 44 x 39 cm
Weight	8 kg
Remote control	via R-System
Finishes	silver aluminium, black
Accessory	W-LAN Antenna

We reserve the right to alter technical specifications