

INFORMATION



BD 1260 R - BLU-RAY PLAYER



Long conflicts between competing systems are sadly not unusual in our industry, but now Blu-Ray has finally prevailed as the new HD format. For a Blu-Ray player to be capable of playing the widespread DVD and CD formats it is necessarily extremely complex: two different lasers are required, and the quantities of data to be processed are enormous. Implementing HD audio formats with HDMI 1.3 is also not exactly trivial, and the entire system is still at the stage of development. T+A is using the latest generation of disc mechanisms and decoders for the BD 1260 R. This provides the superior picture qualities of the Blu-Ray system together with excellent DVD reproduction and superb-quality up-scaling to 1080p. The video signal output can be transferred via the HDMI 1.3 output if required, with Component, S-Video and Composite outputs as alternatives.

As you would expect from us, we have placed particular emphasis on audio reproduction, because we are determined to obtain the best possible sound quality with DVD and CD as well as exploiting the new HD audio formats (7.1). T+A has adopted a unique philosophy for audio reproduction; the CD, DVD and Blu-Ray signals are processed exactly as required for each data format. For multi-channel and two-channel use we employ the converter / analogue circuit board of the SACD 1260 R, which is controlled by a signal processor and fitted with eight converters, and in multi-channel mode passes on the analogue signals in superb quality via the converter's eight outputs. The SR 1560 R surround receiver boasts eight high-quality inputs for the 7.1 format, and is capable of giving a convincing demonstration of the fantastic quality of HD-Audio formats. In stereo mode the converter is operated in double-differential mode in order to achieve even better reproduction characteristics. A jitter-free digital output is available for all the digital sound formats. The overall design is based on that of the SACD 1260 R.

Specifications

Mechanism

Formats

Audio

CD-DA, CD-R/RW, MP3-CD WMA-CD

Video

SL/DL: BD-Rom, BD-R, BD-RE DVD-V, DVD-R+-, DVD-RW+- BD-9, WMV-CD, VCD1.0 + 2.0 SVCD, DIVX, XViD

Picture

JPEG-CD

Audio Multichannel Output

<i>Digital outputs</i>	1 x coax, 1 x optical, HDMI 1.3 IEC 60958 (CDDA / LPCM) Stereo, Dolby Digital (AC-3), DTS, DTS-HD, Dolby Digital Plus, Dolby True HD
<i>Analogue outputs</i>	Stereo 2,5 Veff / 22 Ohm, 7.1 (Multichannel)
<i>D/A Converter</i>	32 Bit, 384 kHz Sigma Delta, 8-times oversampling Double-differential
<i>Upsampling</i>	free programmable signal processor with 2 selectable oversampling algorithms. FIR short, FIR long, Bezier/IIR, Bezier Phase linear Bessel filter with 100 kHz limit frequency
<i>Frequency response / Dynamic range</i>	
<i>CD</i>	2 Hz - 20 kHz / 100 dB
<i>DVD-V</i>	2 Hz - 22 kHz / 100 dB
<i>DVD 96/24</i>	2 Hz - 44 kHz / 110 dB
<i>Blu Ray</i>	2 Hz - 80 kHz / 110 dB
<i>Total harmonic distortion</i>	< 0,001 %
<i>Effective system dynamic</i>	100 dB
<i>Signal / noise ratio</i>	115 dB
<i>channel separation</i>	110 dB
<i>Audio Stereo Output (Downmix)</i>	2.0 Veff / 450 Ohm
<i>Video section</i>	
<i>TV standard</i>	PAL, NTSC
<i>Video-Format</i>	MPEG 1 f. VCD / MPEG 2 f. DVD, MPEG 4 f. Blu Ray
<i>HDMI-Output</i>	480p/576p, 720p, 1080i, 1080p, 1080p/24
<i>Video-Output</i>	480i/576i 1.0 Vss / 75 Ohm
<i>YUV (Component-Output)</i>	480p/576p, 720p, 1080i 0,7 Vss / 75 Ohm

<i>Mains socket</i>	100 - 240 V, 50 - 60 Hz
<i>Dimensions (H x W x D)</i>	7,5 x 44 x 39 cm
<i>Weight</i>	8 kg
<i>Finishes</i>	silver aluminium, black
<i>Remote control</i>	via R-System
<i>We reserve the right to alter technical specifications</i>	