

INFORMATION



SR 1560 R - 7.1 SURROUND-RECEIVER



This 7.1 surround receiver is a true multi-talent from the T+A stable. It has been developed for people who love High-End surround sound, particularly those that won't settle with anything less than the highest possible quality of two-channel audio reproduction. The basis of this machine is the superb R-series pre-amplifier and power amplifier sections, the freely programmable surround processor (for generating Dolby Digital and DTS formats), the professional-standard video section, the high-quality VHF tuner and the separate mains power supplies for the analogue and digital sections. The case is very compact, and forms an ideal combination with the source devices in a complete system. Nevertheless, it can generate a total power of no less than 750 Watts (5 x 150 W) whilst maintaining outstanding sound quality and tremendous dynamism under load, and therefore forms a great basis for a 5.1 surround system. If you are intending to assemble a large home cinema system with 7.1 sound, the surround receiver provides two pre-amplifier outputs which can be configured in various ways: they can be connected either to one A 1560 power amplifier as a stereo output stage, or to two in mono mode to act as the front channels. With its top-quality video terminals, wide-band video board (HDTV) and superb tuner, the SR 1560 R can form the perfect core of a complex home cinema system. Even the new audio formats offered by the BD 1260 R Blu-Ray player can be reproduced via the 7.1 multi-channel inputs. And - of course - we have kept our audiophile customers in mind: for analogue stereo operation there is an analogue direct mode (High Quality Analogue Stereo Mode), in which the entire digital signal processing circuitry of the decoder is switched off, and thereby eliminated from the signal path.

Specifications

<i>Typ</i>	5 - Channel Receiver
<i>AV - Input</i>	7.1 Digital decoder 7; 2 being a Recorder
<i>Audio Input</i>	4; 1 being a Recorder
<i>Circuit point - AV IN</i>	
<i>SCART (RGB / S-Video / FBAS)</i>	none

<i>Video (FBAS)</i>	7
<i>S-Video</i>	6
<i>Components (YUV)</i>	4
<i>Circuit points - AV Recorder OUT</i>	
<i>SCART (RGB / S-Video / FBAS)</i>	none
<i>Video (FBAS)</i>	2
<i>S-Video</i>	2
<i>Videosignal conversion up / down</i>	yes / yes
<i>Circuit point - AV MONITOR OUT</i>	
<i>SCART (RGB / S-Video / FBAS)</i>	none
<i>Video (FBAS)</i>	2
<i>S-Video</i>	2
<i>Components (YUV)</i>	1
<i>Videosignal conversion up / down</i>	yes / yes
<i>Circuit point - AUDIO IN</i>	
<i>Analogue high level / Phono</i>	7 / 1
<i>with audio calibration</i>	yes
<i>Multichannel (5.1 / 7.1)</i>	Cinch (7.1)
<i>TASI</i>	yes
<i>Digital optical / electric</i>	3 / 3
<i>Circuit point - AUDIO RECORDER OUT</i>	
<i>Analogue</i>	1
<i>Digital optisch / coaxil</i>	1 / 2
<i>Circuit point - AUDIO OUT</i>	
<i>Pre-OUT</i>	yes
<i>AS-Link Aktiv LS Control</i>	yes
<i>Multichannel output</i>	no
<i>Output for back amplifier</i>	yes
<i>Subwoofer circuit points</i>	3
<i>Variable separation frequency</i>	yes
<i>SC-Link Subwoofer control</i>	yes
<i>Digital decoder</i>	
<i>Format</i>	7.1
<i>DoblyDigital / EX*</i>	yes/ yes
<i>dts / ES / ES Discrete*</i>	yes / yes / yes
<i>ProLogic II / ProLogic II x / dts NEO:6*</i>	ja / yes / yes

<i>Dolby Headphone*</i>	yes
	* Made under the license from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D-symbol are trademarks of Dolby Laboratories.
	* "dts" is a trademark of Digital Theater Systems, Inc.
<i>Surround sound programmes</i>	7
<i>Dual channel / Mono</i>	yes / yes
<i>Processor</i>	56 Bit digital Audio Signal processor
<i>A/D conversion</i>	24 Bit / 48 kHz
<i>D/A conversion</i>	24 Bit / 192 kHz
<i>Frequency response</i>	1 Hz - 22 kHz
<i>Distortion factor</i>	0,004 %
<i>Signal to noise ratio</i>	106 dB
<i>Pre - amplifier</i>	
<i>Frequency response</i>	1 Hz - 400 kHz
<i>Distortion factor</i>	0,002 %
<i>Signal to noise ratio(A)</i>	107 dB
<i>Volume control</i>	analog / 1,5 dB-Steps
<i>Amplifiers</i>	
<i>Quantity</i>	5
<i>Capacity per Channel (4 / 8 Ohm)</i>	150 / 110 Watt
<i>Pulse power per Channel (4 / 8 Ohm)</i>	250 / 170 Watt
<i>damping factor</i>	> 500
<i>Slewrate</i>	60 V / usec
<i>Siebkapazität</i>	50000 µF
<i>Mains power</i>	115 / 230 V, 50 / 60 Hz 600 VA
<i>Direct analogue Stereo</i>	yes
<i>2 Zonen / 2 Programme</i>	yes / yes
<i>Video picture for 2. Zone</i>	
<i>Trigger Output f. Subwoofer, Projector, ...</i>	3
<i>automatic loudspeaker measurement</i>	yes
<i>Tuner</i>	
<i>Reception area</i>	87,5 MHz - 108 MHz
<i>Sensitivity Mono S/N = 26 dB</i>	0,9 µV
<i>Sensitivity Stereo S/N = 46 dB</i>	28 µV

<i>Overcontrol strength</i>	> 110 dB
<i>Attenuator (Local, DX)</i>	dynamic / manually switchable
<i>Tuner circle, balanced</i>	4
<i>Selectivity (df = 300 kHz) N/W</i>	80 dB / 60 dB
<i>Stereoübersprechdämpfung (1 kHz)</i>	> 40 dB
<i>MPX-Filterung</i>	19 kHz und 38 kHz
<i>distortion factor 40 kHz Stereo wide</i>	< 0,10 %
<i>Stereo Narrow</i>	< 0,15 %
<i>Mono Narrow</i>	< 0,10 %
<i>Signal to noise ratio Mono / Stereo</i>	> 79 dB / 72 dB
<i>Frequency response</i>	5 Hz - 15 kHz
<i>Output voltage</i>	1 Veff
<i>RDS Functions (75 kHz Hub)</i>	Stations name, Radiotext
General	
<i>Dimensions (H x W x D)</i>	15 x 44 x 39 cm
<i>Weight</i>	18 kg
<i>Finishes</i>	Alu silber, schwarz
<i>Remote control included</i>	
<i>We reserve the right to alter technical specifications</i>	