

marantz®

SR4500 Dolby Digital EX®/DTS ES® Surround Receiver



The SR4500 boasts 7.1 channel capability. Each of the 7 built-in amplifiers produces 80 watts RMS. You'll enjoy Dolby Digital EX and DTS ES soundtracks thanks to 32-Bit processing. Other surround formats include Dolby Pro Logic IIX, dts Neo:6, and SRS Circle Surround II. Advanced 192kHz/24-Bit D/A converters mean you'll hear everything with total accuracy. Connectivity? Extensive. There's a battery of audio and video inputs and outputs. Full Composite to S-Video conversion, too, for optimal picture clarity. Want audiophile performance? Depend on Pure Direct and Video Off modes to help you listen further into the music. Other features include a unique Simple Setup so you can enjoy your system quickly and effortlessly. The AM/FM tuner has 50 custom-name presets. The SRS TruSurround headphone output means you can be surrounded without disturbing anyone. There's a remote control and a three-year warranty for your peace of mind.



- 80 Watts (into 8 ohms) x 7 ch Amps
- Dolby Digital EX®, Pro Logic IIX® (Movie/Music/Game)
- DTS 96/24, ES® (Discrete 6.1/Matrix 6.1), Neo:6 (Cinema/Music)
- SRS Circle Surround II® (Cinema/Music/Mono)
- All Discrete Amplifier Stages
- 192kHz/24-Bit D/A Converters for all Channels
- 32-Bit DSP
- Multi Channel Stereo Mode
- SRS TruSurround Headphone
- Surround Speaker "B" Output
- Simple Setup Menu
- Pure Direct Mode
- Video Off Mode
- Simple Video Up-conversion: Composite to S-Video
- S-Video Switching (2 in/1 out)
- Component Video Switching (2 in/1 out)
- Composite Video Switching (4 in/3 out)
- 8 Ch Preamplifier Outputs
- 8 Ch Direct Inputs
- 4 Assignable Digital Inputs (2 optical/2 coaxial)
- 2 Digital Outputs (1 optical/1 coaxial)
- 50 Station Presets
- Manual Station Naming
- D-BUS (RC-5 In/Out) Remote Connection
- 1 Switched and 1 Un-switched AC Convenience Outlets
- Includes Pre-programmed System Remote
- Available in Black and Silver



SR4500

FEATURES

MULTICHANNEL/SURROUND

Number of Channels	7
THX	-
DTS (ES, Discrete 6.1/ Matrix 6.1, Neo-6)	• (+ 96/24)
Dolby Digital EX	•
Dolby Pro Logic IIx	•
Circle Surround II	•

SOUND ENHANCEMENTS

HDCD Decoder	-
Current Feedback Topology	-
Discrete Amplification	X (All 7ch)
Power Transformer	EI
D/A Conversion	192kHz/24-Bit
Digital Signal Processing	Cirrus Logic® 32-Bit
Video Off	•
Source Direct	•
Chassis	Metal
Variable X-over	•
Display Off	•
Video Up-conversion	Up to S-Video
M.R.A.C. (Marantz Room Acoustic Calibration)	-
Dual AM/FM Tuner	-
Bass Management	-
Lip-sync (digital Audio Delay)	-
Software Upgradeable (RS232)	-

IN/OUTPUTS

VIDEO

HDMI In	-
Component In	2
S-Video In	3
Composite In	4
HDMI Out	-
Component Out	1
S-Video Out	2
Composite Out	3

AUDIO

Analog L&R In	7
Analog L&R Out	4
Digital Optical In	2
Digital Coaxial In	2
Digital Optical Out	1
Digital Coaxial Out	1
IEEE1394 Connection	-

OTHER

Pre-Amplifier Out	8ch
Main Amplifier In	-
Multi-Channel In	8ch
Multi-Room Audio Out	-
Multi-Room Video Out	-
Multi-Room Speaker Out	-
Speaker A/B	Surround Speaker "B"
External Control (RS232C)	-
DC Triggers	-
D-Bus Remote (RC-5) In/Out	1/1
External IR In/Out	-
Front Panel A/V Inputs	-
Headphone Out	• (SRS TruSurround Headphone)
AC Outlets (Switched/Unswitched)	1/1

SPECIFICATIONS

AUDIO SECTION

Power Output (8 Ohm)	80W x 7 (<0.08%, 20Hz - 20kHz/THD)
S/N Ratio	105dB
Freq. Response (Analog In)	8Hz - 100kHz (+/- 3 dB)
Freq. Response (Dig In)	8Hz - 45kHz (+/- 3 dB)

TUNER SECTION FM

Frequency Range	87.5 - 108.0MHz
S/N Ratio (Mono/Stereo)	Mono/Stereo 75/70 dB

TUNER SECTION AM

Frequency Range	520 - 1710kHz
S/N Ratio	50 dB

VIDEO SECTION

Video Freq. Response (Component)	5Hz - 80MHz (- 1 dB)
Video Freq. Response (Composite, S-Video)	5Hz - 8MHz (- 1 dB)
Signal to Noise	60dB

GENERAL

Color	Black
Front Panel	Aluminum
Remote Control	Pre-Coded System Remote RC5500SR
Power Requirement	AC 120V/60Hz
Power Consumption	314W
Dimensions W x H x D (Inches)	17 1/4" x 6 1/8" x 15 1/4"
Weight (lbs.)	26.5



*All specifications, dimensions and weights are subject to change without notice. D&M Holdings, Marantz, Marantz America, Inc. or any of its subsidiaries will not assume any liability for errors within this document.