marantz®

SR5500 Dolby Digital EX®/DTS ES® Surround Receiver

The SR5500 is an embarrassment of riches. Each "current feedback" amplifier produces 90 Watts RMS, sufficient for all but the largest rooms or most inefficient speakers. The 32-Bit microprocessor decodes all Dolby, DTS surround sound formats, and SRS' Circle Surround II. Consider the SR5500's multi-source/multi-room capabilities. Look no further than the front panel inputs to conveniently plug in a camcorder, portable DVD player and/or game console. You'll appreciate the SR5500's enhanced video conversion capabilities as you watch a full complement of sources through your monitor's high quality component video input. Want a customized system? The RS232 port allows total control for external sources. The on-screen display quickly guides you through setup. The SR5500's "Lip Sync" circuit assures you that sounds reach your ears at exactly the moment your eyes say they should. And its all covered by a three-year warranty.

- 90 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®
- All Discrete "Current Feedback" Amplifier Stages
- 32-Bit DSP

- 192kHz/24-Bit D/A Converters for all Channels
- Dolby Headphone
- Video Up-conversion: Composite/ S-Video to Component
- Multi-room/Multi-source Capability with Discrete Commands
- Multi Speaker "B" Output
- Lip Sync Control

- On Screen Display
- Pure Direct Mode
- Video Off Mode
- Variable Cross-over
- Assignable HD Compatible Component Video Switching (2 in/1 out)
- 4 Assignable Digital Inputs (2 optical/2 coaxial)
- 2 Digital Outputs (1 optical/1 coaxial)

- Front Panel A/V Inputs
- 50 Station Presets
- Manual Station Naming
- RS232C Terminal for System Control
- 1 Switched and 1 Un-switched AC Convenience Outlets
- D-BUS (RC-5 In/Out) Remote Connection
- Includes Pre-programmed System Remote

DOLBY DIGITAL·EX PRO LOGIC IIx | dts 96 24 ES NEO6 | SRS Circle Surround | RS-232 | AMX Compatible | CRESTRON Certified Integrated Partner

SR5500

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	● (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 Component
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 (Assignable Inputs)
S-Video In	5
Composite In	5
HDMI Out	-
Component Out	1
S-Video Out	3
Composite Out	3

AUDIO

Analog L&R In	8
Analog L&R Out	5
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	1 (L&R)
Multi-Room Video Out	-
Multi-Room Speaker Out	●
Speaker A/B	-
External Control (RS232C)	●
DC Triggers	-
D-Bus Remote (RC-5) In/Out	2/2
External IR In/Out	-
Front Panel A/V Inputs	●
Headphone Out	● (Dolby Headphone)
AC Outlets (Switched/Unswitched)	1/1

SPECIFICATIONS

AUDIO SECTION

Power Output (8 Ohm)	90W 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	50dB

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	450W
Dimensions W x H x D (Inches)	17¹/₁₆" x 6¹/₁₆" x 18³/₄"
Weight (lbs.)	28.7

*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.