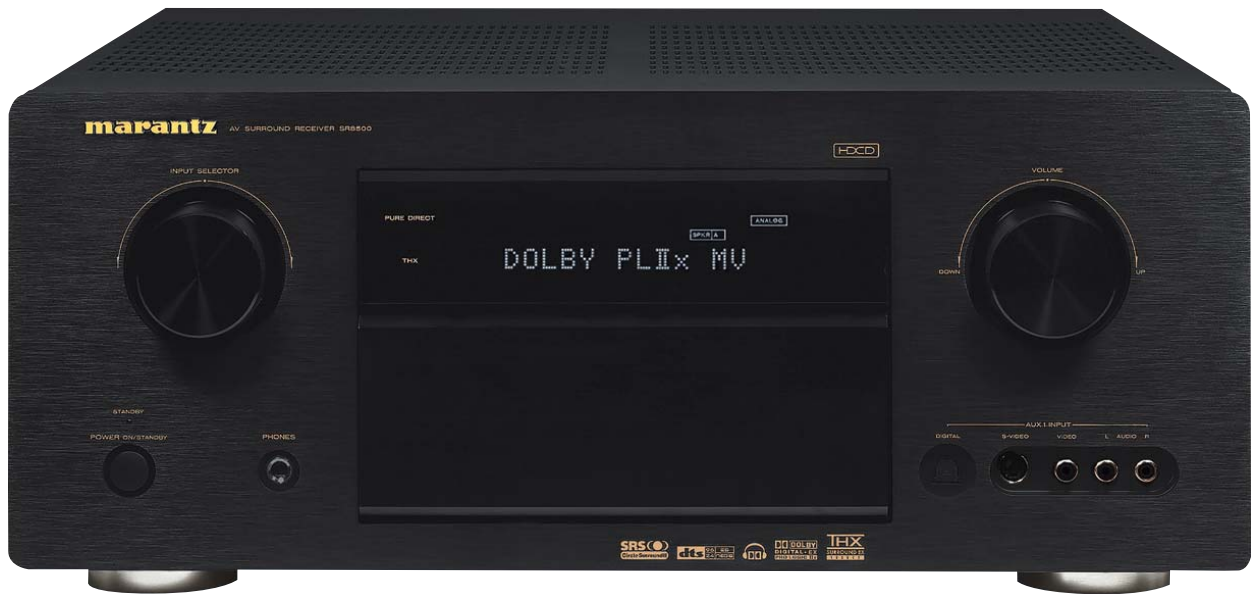


marantz®

SR8500 THX Select Dolby Digital EX®/DTS ES® Surround Receiver



The SR8500 combines extraordinary flexibility and rarely found simplicity. The THX Select designation assures accurate reproduction of movie soundtracks. With 125 Watts per channel RMS, you can enjoy that sound in virtually any room through virtually any loudspeakers. The copper-plated chassis isolates internal circuits from interference. The oversized toroidal transformer keeps electromagnetic emissions to a minimum. Specially chosen storage capacitors assure long-term energy supply so amplifiers can reproduce the most demanding passages. Marantz Room Acoustic Calibration (M.R.A.C.), uses an internal signal generator and a separate calibrated microphone to bring you the best audible performance in any room. HDCD circuitry decodes your HDCD discs. Dolby Headphone surrounds you even when your source is stereo. The SR8500 includes advanced transcoding with Line Memory and Time Base Correction to bring you the best video image. DVI (Digital Video Interface) switching is standard. Lip Sync lets you enjoy sound and image simultaneously. An RS232 connector for external control. There are two IR inputs, D-Bus (RC-5) connectors, and a pre-programmed/learning hand-held controller. Then there's Marantz sound quality. Refreshing, invigorating, relaxing. Because the SR8500 is simply a Marantz.

- THX Select Certified
- 125 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 "Current Feedback" Amplifier Stages
- 32-Bit DSP
- 192kHz/24-Bit D/A Converters for all Channels
- M.R.A.C. (Marantz Room Acoustic Calibration) System
- Massive, High Energy Power Supply, Huge Toroidal Transformer
- Copper Plated Chassis
- HDCD Decoder Built-in
- Dolby Headphone
- DVI-D Switching (2 in/1 out)
- Video Up-conversion: Composite/S-Video to Component with TBC
- Multi-room/Multi-source Capability with Discrete Commands
- Speaker A/B Switching
- Multi Speaker "C" Output
- Lip Sync Control
- HD Compatible Component Video Switching (4 in/1 out)
- 6 Assignable Digital Inputs (7 in Total)
- RS232C Terminal for System Control and Future Upgrades
- 2 Direct IR Flasher Inputs
- 2 DC Triggers for Custom Installation Applications
- D-BUS (RC-5 In/Out) Remote Connection



SR8500

FEATURES

MULTICHANNEL/SURROUND	
Number of Channels	7
THX	Select
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	Toroidal
D/A Conversion	192kHz/24-Bit
Digital Signal Processing	Cirrus Logic® 32-Bit
Video Off	•
Source Direct	•
Chassis	Copper Plated with Double Bottom Plate
Variable X-over	•
Display Off	•
Video Up-conversion	Up to Component with TBC
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	2 (DVI)
Component In	4
S-Video In	5
Composite In	5
HDMI Out	1 (DVI)
Component Out	1
S-Video Out	3
Composite Out	4
AUDIO	
Analog L&R In	8
Analog L&R Out	5
Digital Optical In	4
Digital Coaxial In	3
Digital Optical Out	1
Digital Coaxial Out	1
OTHER	
Pre-Amplifier Out	8ch
Main Amplifier In	-
Multi-Channel In	8ch
Multi-Room Audio Out	1 (L&R)
Multi-Room Video Out	1 (Composite)
Multi-Room Speaker Out	•
Speaker A/B	•
External Control (RS232C)	•
DC Triggers	2
D-Bus Remote (RC-5) In/Out	2 / 2
External IR In/Out	2/- (Flasher Input)
Front Panel A/V Inputs	• (+ Digital Opt.)
Headphone Out	• (Dolby Headphone)
AC Outlets (Switched/Unswitched)	1/1

SPECIFICATIONS

AUDIO SECTION	
Power Output (8 Ohm)	125W 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	Learning/Pre-coded with LCD RC8500SR
Power Requirement	AC 120V/60Hz
Power Consumption	700W
Dimensions W x H x D (Inches)	17 1/8" x 7 1/4" x 18 1/4"
Weight (lbs.)	33.1



*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.