

# SR8001

## THX SELECT2 DOLBY DIGITAL EX®/DTS ES® SURROUND RECEIVER



The SR8001 features THX Select2 certification and is also one of the few receivers to feature Audyssey's unique auto calibration capability. This is a significant improvement over previous "room correction" strategies in that it improves the listening characteristics of your entire room rather than for just one or two seats. It's your assurance that, in addition to the power you'll need to fill average-sized rooms with theater-quality sound (125 watts continuous from each of its seven amplifiers), other performance parameters like signal-to-noise and distortion are absolutely first class. Then there are the Marantz touches. A toroid-based power supply. Current feedback amplification. An anti-interference copper plated chassis that's less than 16" deep so it will fit in more places easily. Adding to the audio flexibility is a 3rd Zone output (with an individually selectable source!) to make your SR8001 the center of a whole house distributed audio system. On the A/V side, the SR8001 features HDMI switching (version 1.2) for up to four sources and two display devices. And there's format conversion to HDMI with Time Base Correction so even your older video sources will look their best. If you're not quite ready for HDMI (or if your displays aren't), the SR8001 offers two assignable component outputs, too. One infrared receiver input and two IR outputs add enormous control flexibility as do two DC "trigger" outputs for custom installation applications. And, of course, the peace of mind that our three year-warranty gives you.

- THX Select 2 certification
- 125 watts (into 8 ohms) x 7 ch. Amps
- Dolby Digital EX, Pro Logic IIx (Movie/Music/Game) (Cinema/Music)
- HDMI (V1.2) repeating: 4-In / 2-Out
- Video up-conversion (w/TBC) to HDMI with 480I/480P converter
- All discrete "Current Feedback" amplifier stages
- 32bit DSP
- 192 kHz/24-bit D/A converters for all channels
- Audyssey Auto Calibration
- Assignable dual component video outputs
- HD compatible component video switching (4 in / 2 out)
- Assignable video inputs
- XM-Ready with discrete IR commands
- Dielectric protected binding posts
- Dolby Headphone
- Toroidal transformer
- Copper plated chassis
- 2nd Zone A/V and 3rd Zone Audio output (Individual source) w/discrete commands
- Speaker A/B switching
- Lip sync. control
- RS-232C terminal for system control
- Direct IR Flasher input and IR Receiver input
- Dual IR Emitter outputs
- Dual DC Trigger outputs
- D-BUS (RC-5 In/Out) remote connection
- Shallow Chassis < 16"0
- Learning/pre-programmed backlit remote with LCD
- 3 year limited warranty

**AMX**  
Compatible

**CERTIFIED**  
**CRESTRON**  
Integrated Partner

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## FEATURES

MULTICHANNEL/SURROUND	
Number of Channels	7
THX	Select 2
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	TI 32-Bit
Video Off	•
Source Direct	•
Chassis	Double Layered Copper Plated
Variable X-over	•
Display Off	•
Video Up-conversion	Up to HDMI (w/ TBC)
Auto Calibration	• (Audyssey MultiEQ)
XM-Ready	•
AM/FM tuner	•
Bass management	•
Lip-sync (digital audio delay)	•
Software Upgradable (RS232)	•

## IN/OUTPUTS

VIDEO	
HDMI In	4
Component In	4 (Assignable Inputs)
S-Video In	5
Composite In	5
HDMI Out	2
Component Out	2 (Assignable)
S-Video Out	3
Composite Out	4
AUDIO	
Analog L&R In	7
Analog L&R Out	5
Digital Optical In	4
Digital Coaxial In	3
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	• (Composite & Component)
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	1/2
Front Panel AV Inputs	• (+ Digital Opt.)
Headphone Out	• (Dolby Headphone)
AC Outlets (Switched/Unswitched)	1/1

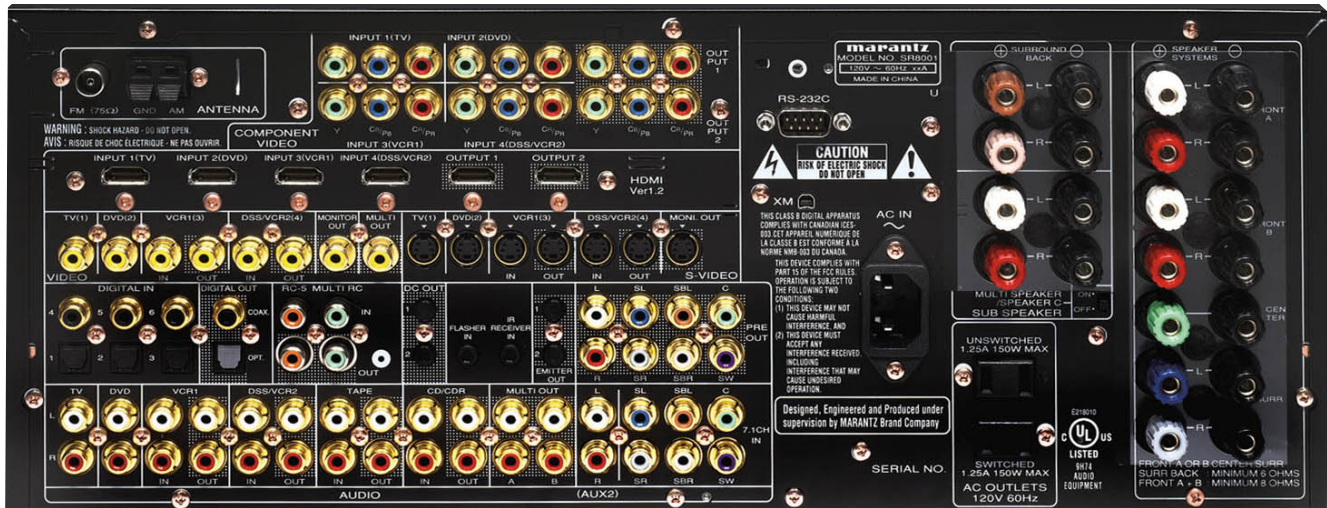
## SPECIFICATIONS

AUDIO SECTION	
Power Output (8 Ohm)	125W x 7
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 (Composit, S-Video)	5Hz - 8MHz (- 1 dB)
Signal to Noise	60dB
GENERAL	
Color	Black
Front Panel	Aluminum
Remote Control	Learning/Pre-coded with LCD RC8001SR
Power Requirement	AC 120V/60Hz
Power Consumption	780w
Dimensions W" x H" x D" (Inches)	17 5/16" x 7 1/4" x 15 5/8"
Weight (lbs)	33.1



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\*All specifications, dimensions and weights are subject to change without notice.

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