

# SR4001

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



OK, so you know the benefits of HDMI. That's the high definition audio/video (or "multi-media") interface that lets you connect a DVD player, for example, to a processor or receiver with just one cable. And then use just one more cable to get all that information to your TV screen. Think you'd like that convenience? And how about switching so you can select one or the other HDMI-equipped source without the hassle of changing multiple cables? The SR4001 has it. Not quite that far on the leading edge? Don't worry. Instead, think about the advantages of having assignable component video inputs. And S-vid to component video upconversion so you can enjoy superb picture quality from almost any source. Yes, the SR4001 has them too. A second zone audio output so you can enjoy your favorite sources in a different area of your home. Well, to steal a phrase from a spaghetti sauce company, "It's in there." You'll also find Dolby Headphone, so you can enjoy a surround experience in private. Think of those late night TV broadcasts in surround sound. Now you can listen as loudly as you want without waking your neighbor. Or your baby. The infrared flasher input lets the SR4001 play nicely with other components in your system. And the backlit remote controller easily learns those other commands so it can converse intelligently with every citizen in your home entertainment world. In fact, everything you really need for a great system is in the SR4001. Except for the remote. That's in your hand. And it won't melt either.

- 80 watts (into 8 ohms) x 7 ch Amps
- HDMI (V1.1) Repeating: 2-In / 1-Out
- All discrete amplifier stages
- x3 Assignable Components Inputs
- 32 bit DSP
- 192 kHz/24-bit D/A converters for all channels
- Dolby Digital EX, Pro Logic IIx (Movie/Music/Game),
- DTS 96/24, ES (Discrete 6.1/Matrix6.1), Neo:6 (Cinema/Music)
- SRS Circle surround II (Cinema/Music/Mono)
- Dolby Headphone
- Pure Direct mode
- On Screen Display
- Component video switching (3 in / 1 out)
- x3 Optical / x2 Coaxial digital inputs (4 assignable)
- 2nd Zone Audio Output (Same Source)
- 50 AM/FM station presets
- Improved Station naming
- Simple setup menu
- Display dimmer
- D-BUS (RC-5 In/Out)
- Direct IR Flasher Input remote connection
- Detachable power cord
- Front panel A/V/Optical inputs
- Learning Backlight system remote
- Three year limited warranty



# marantz®

LIFE AMPLIFIED™

# SR4001

## 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	¥(5 points)
Display Off	¥
Video Up-conversion	S-Video to Component
Auto Calibration	-
XM-Ready	-
AM/FM tuner	¥
Bass management	-
Lip-sync (digital audio delay)	-
Software Upgradeable (RS232)	-
IN/OUTPUTS	
VIDEO	
HDMI In	2
Component In	3
S-Video In	5
Composite In	5
HDMI Out	1
Component Out	1
S-Video Out	2
Composite Out	2
AUDIO	
Analog L&R In	8
Analog L&R Out	3
Digital Optical In	3
Digital Coaxial In	2
Digital Optical Out	1
Digital Coaxial Out	1
IEEE1394 connection	-

## IN/OUTPUTS (continued)

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 ÖBÖ
External control (RS232C)	-
DC Triggers	-
D-Bus Remote (RC-5) In/Out	1/1
External IR In/Out	1/0
Front Panel A/V Inputs	¥ (+ Digital Opt.)
Headphone Out	¥ (Dolby Headphone)
AC Outlets (Switched/Unswitched)	1/1

## SPECIFICATIONS

AUDIO SECTION	
Power Output (8 Ohm)	80W 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 (Composite, S-Video)	5Hz - 8MHz (-1 dB)
Signal to Noise	60dB
GENERAL	
Color	Black
Front Panel	Aluminum
Remote Control	"Learning/Pre-coded with backlight - RC5001SR
Power Requirement	AC 120V/60Hz
Power Consumption	450W
Dimensions W" x H" x D" (Inches)	17 5/16" x 6 5/16" x 15 2/8"
Weight (lbs)	25.1

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

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