

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 "B" |
| 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.

D&M Holdings, Marantz, Marantz America, Inc. or any of its subsidiaries will not assume any liability for errors in this spec sheet which may result in consequential errors being made by retail dealers, designers, custom installers, cabinet makers or end users, etc based upon information contained within this document.

© 10/06 Marantz America, Inc. • 100 Corporate Drive • Mahwah, New Jersey 07430 • 201-762-6500 • www.marantz.com