

SR5003

## Dolby TrueHD® / dts®-HD Master Audio AV Receiver



The SR5003 surround sound A/V receiver answers the needs of all but the most demanding audio - and videophiles. With more power and a formidable array of behind-the-front panel technologies, it equals separate components in capability and flexibility. And it's the essence of Marantz – a unique amalgam of style and quality that automatically attracts the connoisseur.

- **Sophisticated new aluminum/reinforced resin front panel**
- **High Bit Rate Audio capability: Dolby TrueHD, dts-HD Master Audio**
- **HDMI v1.3a repeating (3 in/1 out)**
- **Audyssey MultEQ**
- **M-DAX for compressed audio**
- **10bit Video converter to HDMI (interlaced to progressive and scaler)**
- **Dual component video output**
- **Analog and digital multi-zone outputs**
- **In-line seven channel amplifiers/High definition audio design**
- **New FL display**
- **Updated backlit Learning remote controller**
- **<16" Shallow chassis**
- **Various control interfaces: RS-232C, Flasher-in, DC trigger**
- **Multiple radio system (AM/FM/XM/SIRIUS)**

**marantz®**  
LIFE AMPLIFIED™



# SR5003

## Dolby TrueHD® / dts®-HD Master Audio AV Receiver

### FEATURES

#### MULTICHANNEL/SURROUND

|                    |  |
|--------------------|--|
| Number of Channels | 7 ch Amp. 7.1 ch Processing                                    |
| THX                | -  |
| dts                | HD Master & High Res.Audio/ES/96/24/Discrete & Matrix 6.1/Neo6 |
| Dolby              | TrueHD/Digital Plus&EX/Pro Logic IIx/Virtual Speaker/Headphone |
| DSD (SACD)         | DSD Decoding via HDMI  |
| Other              | SRS-CSII/NEURAL THX  |

#### SOUND ENHANCEMENTS

|                                |                  |
|--------------------------------|------------------|
| HDCD Decoder                   | •                |
| Current Feedback Topology      | -                |
| Discrete Amplification         | •                |
| Power Transformer              | EI               |
| D/A Conversion                 | 192kHz/24-Bit    |
| Digital Signal Processing      | TI Aureus 32-Bit |
| Video Off                      | •                |
| Source Direct                  | •                |
| Chassis                        | Metal            |
| Variable X-over                | •                |
| Display Off                    | •                |
| Video Up-conversion            | •                |
| Auto Calibration               | Audyssey MultEQ  |
| Satellite Radio Ready          | XM / Sirius      |
| AM/FM tuner                    | •                |
| Bass management                | •                |
| Lip-sync (digital audio delay) | •                |
| Software Upgradable (RS-232C)  | via RS-232C      |

### IN/OUTPUTS

#### VIDEO

|               |                      |
|---------------|----------------------|
| HDMI In       | 3                    |
| Component In  | 3                    |
| S-Video In    | 5 (inc. front)       |
| Composite In  | 5 (inc. front)       |
| HDMI Out      | 1                    |
| Component Out | 2                    |
| S-Video Out   | 2 (inc. Monitor Out) |
| Composite Out | 2 (inc. Monitor Out) |

#### AUDIO

|                     |   |
|---------------------|---|
| Analog L&R In       | 8 (incl. Front & AUX2(L&R of 7.1 ch In) |
| Analog L&R Out      | 3                                       |
| Digital Optical In  | 4 (inc. front)                          |
| Digital Coaxial In  | 2                                       |
| Digital Optical Out | 1                                       |
| Digital Coaxial Out | 0                                       |
| Other               | -                                       |

### IN/OUTPUTS (continued)

#### OTHER

|                                       |  |
|---------------------------------------|--|
| Pre-Amplifier Out                     | 7.1 ch   |
| Main Amplifier In                     | -  |
| Multi-Channel In                      | 7.1 ch   |
| Multi-Room Audio Out                  | Analog L&R for 2nd Zone, Assignable Digital Opt Out for 3rd Zone |
| Multi-Room Video Out                  | -  |
| Multi-Room Speaker Out                | •  |
| Speaker A/B                           | •  |
| Networking                            | -  |
| External control                      | (RS232C)   |
| DC Triggers                           | Out: 1   |
| D-Bus Remote (RC-5) In/Out            | 1/1  |
| Flasher In/IR Receiver In/Emitter out | 1/0/0  |
| Front Panel A/V Inputs                | S-Video/Video/Analog L&R/Digital Optical                         |
| Headphone Out                         | 1  |
| AC Outlets (Switched/Unswitched)      | 1/1  |

### SPECIFICATIONS

#### AUDIO SECTION

|                            |                         |
|----------------------------|-------------------------|
| Power Output (8 Ohm)       | 90W x7 (20Hz -20kHz)    |
| 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) | 75/70 dB        |

#### TUNER SECTION AM

|                 |               |
|-----------------|---------------|
| Frequency Range | 530 - 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/Glass-reinforced resin |
| Remote Controller                | Learning, Backlight             |
| Power Requirement                | AC 120V/60Hz                    |
| Power Consumption                | 600 W                           |
| Dimensions W" x H" x D" (Inches) | 17-5/16" x 6-5/16" x 15-5/16"   |
| Weight (lbs)                     | 28.8                            |



# marantz®

LIFE AMPLIFIED™

\*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.

©2008 Marantz America, Inc. • www.marantz.com