

# marantz®



## SR5005 Home Theater Receiver

This is serious home theater hardware. A perfect combination of brute-force, finesse and convenience, the SR5005 includes a discrete, 100 watt x 7-channel output stage and boasts 4 HDMI 1.4 inputs and HDMI to HDMI video scaling up to 1080p. Class-leading features, a super-shallow 14" chassis depth and exciting audio/video performance make the SR5005 the perfect choice for discerning music and movie lovers alike.

### AUDIO/VIDEO CONNECTIONS

- 7.1 Channels
- AM/FM, Sirius-Ready Tuner
- 56Tuner Presets: Group A-G: each 8 channels
- 6 RCA Analog inputs
- 3 Optical, 2 Coaxial SPDIF Digital Inputs
- 4/1 HDMI ver.1.4a In/Out
  - CEC (Control)
  - ARC(Audio Return Channel)
  - HDMI In Stand By
  - Auto Lip Sync.
  - Deep Color, x.v.Color
  - Pass through in Standby mode
- 7.1ch Inputs
- 7.1ch Preamp Out
- 3/1 Component In / Out
- 4/1 Composite In / Out
- Assignable HDMI / Component inputs
- 2 audio zones w/ zone 2 audio preamp out
- Headphone Out

### ADVANCED CONNECTIONS

- Front USB input for digital iPod Connection
- Bluetooth Wireless Audio Transmission Capability
- External IR Receiver, DC Trigger supported
- RC-5 and RS232C supported

### AUDIO/VIDEO PROCESSING

- ANALOG DEVICES: SHARC 32-bit Processor
- Dolby: True HD/Digital Plus&EX/Pro Logic IIz, IIx
- Dolby: II/Virtual Speaker/Headphone
- DTS: HD Master&High Res. Audio/ES/96/24/
- DTS: Discrete&Matrix6.1/Neo:6/Express
- DTS Neural Surround
- Multi Ch Stereo
- Audyssey MultEQ Auto Calibration w/ MIC
- Audyssey Dynamic EQ / Dynamic Volume
- 9 Band EQ, -20dB - +6dB
- Independent Crossover Setting for each speaker
- Lip-sync (digital audio delay) 0-200 msec
- Volume Control Setting: Limit, Power On Vol
- Mute Level, Display type(dB or 0-99)
- OSD output through HDMI
- Composite/Component to HDMI scaling up to 1080p
- HDMI to HDMI scaling
- Assignable HDMI, Component inputs
- Anchor Bay 10-bit Video Processing/Scaling

### USER CONFIGURABLE FEATURES

- Input Level Adjust
- Input Assign (Component In/Digital In)
- Input Rename
- Input Skip
- On Screen Display (TEXT)
- Display Status Info.
- Software Upgradable

### MARANTZ AUDIO ADVANTAGE

- All-discrete, 100w x 7 Class AB Output Stage
- High Current Linear Power Supply
- EI Core Power Transformer
- Pure Direct / Source Direct
- M-DAX (Marantz Dynamic Audio eXpander)
- Front Bi-Amp / Speaker Assign Capability
- Fully Discrete Amplification
- 192kHz/24-bit Audio DACS

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SR5005

## Home Theater Receiver

### AUDIO SECTION

- **Power amplifier**

Rated output: Front:

100 W + 100 W (8  $\Omega$ , 20 Hz – 20 kHz with 0.08 % T.H.D.)

180 W + 180 W (6  $\Omega$ , 1 kHz with 10 % T.H.D.)

Center:

100 W (8  $\Omega$ , 20 Hz – 20 kHz with 0.08 % T.H.D.)

180 W (6  $\Omega$ , 1 kHz with 10 % T.H.D.)

Surround:

100 W + 100 W (8  $\Omega$ , 20 Hz – 20 kHz with 0.08 % T.H.D.)

180 W + 180 W (6  $\Omega$ , 1 kHz with 10 % T.H.D.)

Surround Back:

100 W + 100 W (8  $\Omega$ , 20 Hz – 20 kHz with 0.08 % T.H.D.)

180 W + 180 W (6  $\Omega$ , 1 kHz with 10 % T.H.D.)

Output connectors: 6 – 8  $\Omega$  (SPEAKER A + B : 8  $\Omega$ )

- **Analog**

Input sensitivity/Input impedance: 165 mV/50 k $\Omega$

Frequency response: 10 Hz – 100 kHz —  $\pm 3$  dB (Source Direct mode)

S/N: 98 dB (IHF-A weighted, Source Direct mode)

### VIDEO SECTION

- **Standard video connectors**

Input/output level and impedance: 1 Vp-p, 75  $\Omega$

Frequency response: 5 Hz – 10 MHz — +1, –3 dB

- **Color component video connector**

Input/output level and impedance: Y (brightness) signal — 1 Vp-p, 75  $\Omega$

PB / CB signal — 0.7 Vp-p, 75  $\Omega$

PR / CR signal — 0.7 Vp-p, 75  $\Omega$

Frequency response: 5 Hz – 60 MHz — +0, –3 dB

### TUNER SECTION [FM] [AM]

(Note:  $\mu$ V at 75  $\Omega$ , 0 dBf =  $1 \times 10^{-15}$  W)

Receiving Range: **FM** 87.5 MHz – 107.9 MHz

**AM** 520 kHz – 1710 kHz

Usable Sensitivity: **FM** 1.2  $\mu$ V (12.8 dBf), **AM** 18  $\mu$ V

50 dB Quieting Sensitivity: MONO 2.8  $\mu$ V (20.2 dBf)

S/N (IHF-A): MONO 70 dB

STEREO 67 dB

Total harmonic Distortion (at 1 kHz): MONO 0.7 %

STEREO 1.0 %

### GENERAL

Power supply: AC 120 V, 60 Hz

Power consumption: 650 W

0.2 W (Standby)

3 W (CEC standby)

Maximum external dimensions: 440 (W) x 161 (H) x 389 (D) mm

Weight: 11.6 kg

### REMOTE CONTROL UNIT (RC010SR)

Batteries: R03/AAA Type (two batteries)

For purposes of improvement, specifications and design are subject to change without notice.



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