

# marantz®



## SR7005 Home Theater Receiver

The new Marantz SR7005 audio video receiver sees stunning cosmetics and audiophile-grade circuitry paired with the latest streaming media and iPod functionality all in one easy to use product. Anchored by a massive 125 watt per channel class A/B output stage the SR7005 delivers best-in-class music and home theater performance as it leverages content from the home network, the internet and iPods to create a startlingly fresh, virtually limitless entertainment experience.

### AUDIO/VIDEO CONNECTIONS

- 7.1 Channels
- AM/FM/HD Radio, 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
- 7.2ch Preamp Out - support for 2 SUB Out
- 3/1 Component In / Out
- 4/1 Composite In / Out
- Assignable HDMI / Component inputs
- 3 audio zones and 2 video zones
- 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 XT Auto Calibration w/ MIC
- Audyssey MultEQ XT Pro (option)
- 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
- Composite to Component Analog up conversion
- HDMI to HDMI scaling
- Assignable HDMI, Component inputs
- OSD Overlay on HDMI Output
- Anchor Bay 10-bit Video Processing/Scaling

### NETWORK FEATURES

- Ethernet port
- WEB Interface
- IP-based control, system backup/restore
- DLNA1.5 certified
- Stream audio and photos from all PC's on home network
- vTuner Internet Radio w/ 14000 pre-loaded stations
- Stream audio and photos from Internet:  
Rhapsody  
Pandora  
Napster  
Flicker

### 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, 125w x 7 Class AB Output Stage
- Hyper Dynamic Amplifier Modules (HDAM) used in preamp
- High Current Linear Power Supply
- EI Core Power Transformer
- Pure Direct / Source Direct
- Front Bi-Amp / Speaker Assign Capability/
- M-DAX (Marantz Dynamic Audio eXpander)
- Fully Discrete Amplification
- 192kHz/24-bit Audio DACS

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LIFE AMPLIFIED™

# Home Theater Receiver

## AUDIO SECTION

### • Power Amplifier Rated output:

Front:

125 W + 125 W (8 O, 20 Hz – 20 kHz with 0.08 % T.H.D.)

Center:

125 W (8 O, 20 Hz – 20 kHz with 0.08 % T.H.D.)

Surround:

125 W + 125 W (8 O, 20 Hz – 20 kHz with 0.08 % T.H.D.)

Surround back / Front height / Front wide:

125 W + 125 W (8 O, 20 Hz – 20 kHz with 0.08 % T.H.D.)

Maximum effective output power: Front:

195 W + 195 W (6 O, 1 kHz with 10 % T.H.D.)

Center:

195 W (6 O, 1 kHz with 10 % T.H.D.)

Surround:

195 W + 195 W (6 O, 1 kHz with 10 % T.H.D.)

Surround back / Front height / Front wide:

195 W + 195 W (6 O, 1 kHz with 10 % T.H.D.)

Output connectors: 6 – 8 O

### • Analog

Input sensitivity/Input impedance: 200 mV/47 kO

Frequency response: 10 Hz – 100 kHz — +1, –3 dB (DIRECT mode)

S/N: 96 dB (IHF-A weighted, DIRECT mode)

Distortion: 0.008 % (20 Hz ~ 20 kHz) (DIRECT mode)

Rated output: 1.2 V

### • Digital

D/A output: Rated output — 2 V (at 0 dB playback)

Total harmonic distortion — 0.008 % (1 kHz, at 0 dB)

S/N ratio — 102 dB

Dynamic range — 100 dB

Digital input: Format — Digital audio interface

### • Phono equalizer (PHONO input — REC OUT)

Input sensitivity: 2.5 mV

RIAA deviation: ±1 dB (20 Hz to 20 kHz)

S/N: 74 dB (A weighting, with 5 mV input)

Rated output: 150 mV

Distortion factor: 0.03 % (1 kHz, 3 V)

## VIDEO SECTION

### • Standard video connectors

Input/output level and impedance: 1 Vp-p, 75 O

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 O

PB / CB signal — 0.7 Vp-p, 75 O

PR / CR signal — 0.7 Vp-p, 75 O

Frequency response: 5 Hz – 60 MHz — +0, –3 dB (when "Video Convert" set to "OFF")

## TUNER SECTION [FM] [AM]

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

Receiving Range: **FM** 87.5 MHz – 107.9 MHz, **AM** 530 kHz – 1710 kHz

Usable Sensitivity: **FM** 1.5  $\mu\text{V}$  (14.8 dBf), **AM** 18  $\mu\text{V}$

S/N (IHF-A): MONO 78 dB

STEREO 68 dB

HD 85 dB 85 dB

Total harmonic Distortion (at 1 kHz): MONO 0.1 %

STEREO 0.1 %

HD 0.02 % 0.02 %

## GENERAL

Power supply: AC 120 V, 60 Hz

Power consumption: 700 W

0.2 W (Standby)

4.0 W (CEC standby)

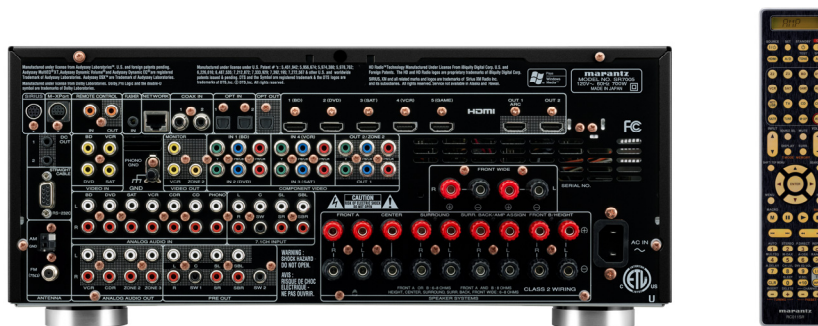
Maximum external dimensions: 440 (W) x 187 (H) x 406 (D) mm

Weight: 13.0 kg

## REMOTE CONTROL UNIT(RC011SR)

Batteries: R03/AAA Type (two batteries)

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



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