



SR6006 Home Theater Receiver

Packed with features, the SR6006 delivers bold design, audiophile sound quality and advanced technology. A newly styled front panel, complete with "star and circle" display, recalls the classic components that have made Marantz an audiophile favorite for decades. Analog/HDMI and HDMI/HDMI scaling is fully supported, with a full suite of image quality adjustments being made available for each input. Built-in AirPlay compatibility allows you to stream music wirelessly throughout your home from your iPhone, iPod Touch and iPad, just as you're sure to enjoy streaming audio content from online music services like Pandora, Rhapsody and Napster as well as from your own home network. Access thousands of Internet radio stations from all over the world. Audyssey MultEQ-XT room correction, Dynamic EQ and Dynamic Volume deliver perfect sound in any room, while three zones of audio and Dual HDMI outputs deliver commanding multi-room performance.

AUDIO/VIDEO CONNECTIONS

- 7.1 Channels
- AM/FM/HD Radio Tuner
- 56Tuner Presets: Group A-G: each 8 channels
- 6 RCA Analog inputs (incl. Front RCA)
- 2 Optical, 2 Coaxial SPDIF Digital Inputs
- 7/2 HDMI ver.1.4a In/*Simultaneous* Out
CEC (Control)
ARC (Audio Return Channel)
HDMI In Stand By
Auto Lip Sync.
Deep Color, x.v.Color
Pass through in Standby mode
- 2/1 Component In / Out
- 5/2 Composite In / Out
- Assignable HDMI / Component inputs
- Front USB input for digital iPod Connection
- 7.1 Channel Input
- Headphone Out
- Phono Input
- 7.2 Channel Preamp-Out
- Speaker A or B Switching

ADVANCED CONNECTIONS

- iPhone/iPod Digital Connection
- Bluetooth Wireless Audio Transmission Capability
- External IR Receiver
- Marantz D-Bus(RC-5), Remote In / Out, RS232
- Assignable 12V trigger

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 Dynamic EQ / Dynamic Volume / DSX
- 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)
- HDMI and Analog to HDMI I/P Scaling
- Individual Image Adjustments
- OSD output over HDMI

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

NETWORK FEATURES

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

MARANTZ AUDIO ADVANTAGE

- All-discrete, 110w 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 Drive Capability (Speaker C)
- Three audio zones w/ Tone Control, Mono Mode and HPF
- Fully Discrete Amplification
- 192kHz/24-bit Audio DACS
- Dual PLL Anti-jitter Circuit



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Audio Section

• Power amplifier

Rated output: Front:

110 W + 110 W (8 Ω, 20 Hz – 20 kHz with 0.08 % T.H.D.)

Center:

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

Surround:

110 W + 110 W (8 Ω, 20 Hz – 20 kHz with 0.08 % T.H.D.)

Surround back:

110 W + 110 W (8 Ω, 20 Hz – 20 kHz with 0.08 % T.H.D.)

Output connectors: (SPEAKER A+B: 8 Ω)

• Analog

Input sensitivity/Input impedance: 200 mV/47 kΩ

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

S/N: 100 dB (IHF-A weighted, DIRECT mode)

Distortion: 0.005 % (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 Ω

Frequency response: 5 Hz – 10 MHz — 0, -3 dB (when "Video Convert" set to "OFF")

• Color component video connector

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

PB / CB signal — 0.7 Vp-p, 75 Ω

PR / CR signal — 0.7 Vp-p, 75 Ω

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

Tuner Section [FM] [AM]

(Note: μV at 75 Ω, 0 dBf = 1 x 10⁻¹⁵ W)

Receiving Range: 87.5 MHz – 107.9 MHz 530 kHz – 1710 kHz

Usable Sensitivity: 1.5 μV (14.8 dBf) 20 μV

S/N: MONO 78 dB (IHF-A weighted, DIRECT mode)

STEREO 68 dB (IHF-A weighted, DIRECT mode)

HD 85 dB 85 dB

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

STEREO 0.2 %

HD 0.02 % 0.02 %

General

Power supply: AC 120 V, 60 Hz

Power consumption: 650 W

0.2 W (Standby)

2.2 W (CEC standby)

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



because music matters

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