

# SR7007

7ch Integrated Network Receiver



marantz®



## 7.2 Channel 4K & 3D Pass Through, Networking Home Theater Receiver with AirPlay

Simplicity and elegance characterize the SR7007. With the blue illuminated and iconic porthole display plus the drop-down door in all brushed aluminum front panel, the receiver offers both style and comprehensive features, including an Ethernet port, seven HDMI inputs, three HDMI outputs, and playback of the latest hi-definition audio formats. AirPlay® allows you to stream music wirelessly from your iPhone®, iPod® Touch and iPad® over your home network. Three audio and video zones, networking, and support for Bluetooth devices deliver the flexibility you need. While our proprietary HDAM (Hyper-Dynamic Amplifier Module) audio circuits, Current Feedback topology, and seven fully-discrete, 125 watt amplifiers provide the crushing dynamics detail retrieval you demand.

### Audio/Video Quality

- **Fully discrete power amplifier for all 7 channels (125 W x 7 ch, 8ohm 20-20kHz 0.08%)**
- **Current feedback & HDAM pre amplifier circuit**
- 4K video support (path-through and GUI overlay)
- 3D pass-through technology for enjoying 3D video entertainment with dynamic surround sound
- 1080p/24Hz upscaling via HDMI
- 4K (3840x2160) upscaling via HDMI

### Connectivity, Flexibility & Expandability

- Airplay: Stream music from your iPad, iPhone or iPod Touch or from your iTunes music library
- Internet Radio
- Networking Ready: Stream internet radio, Pandora, SIRIUS XM, as well as music and photos over the home network
- Bluetooth wireless connectivity (M-XPport) via optional RX-101 adaptor
- Gold plated 7.2 Channel Pre-amp outputs (parallel) allow the connection of external power amplifiers if needed
- Front Panel USB Input Direct digital play for iPod, iPhone and USB drives

- 7 (front: 1) / 2 HDMI In/Out
  - Simultaneous dual outputs allows two video devices connected and output same source simultaneously
  - CEC (Control)
  - ARC (Audio Return Channel)
  - Standby source setting via HDMI control
  - Auto Lip Sync.
  - Deep Color, "x.v.Color"
  - Pass through in standby mode
  - Zone2 HDMI output allows different source for zone2
- Audyssey MultEQ XT setup
- Audyssey Dynamic EQ & Dynamic Volume
- **3/1 (gold plated) Component In/Out**
- 4 (front: 1) / 2 (gold plated) Composite In/Out
- 2/2 Optical/Coaxial (gold plated) Digital In
- Headphone output
- **HD Radio (AM/FM) and FM Tuner**
- 56 Tuner Presets
- **6 Audio inputs (incl. front input) and an output (gold plated)**
- Phono input (gold plated)
- 7.1 ch Input

### Ease of Use

- Improved System Setup with menu assist.
- Rich overlay GUI with English, French, or Spanish

### New LCD Learning Remote handset

- Auto Power Off
- Mobile App control with advanced media browsing. (iOS & Android)

### Additional Features

- Power amp Assign for 7.1ch (SB ch.), 5.1ch + Front Height, 5.1 ch + Front Wide, 5.1ch + Bi-Amp, 5.1ch + zone, or 5.1ch + Front B
- **Selectable zone component monitor, Zone 2 CVBS monitor, and Zone 2 HDMI monitor**
- 3 source Zone 3 capability
- IR Flasher In
- RS232C control (AMX/Crestron command)
- C4 certified (IP/232C)
- **Assignable DC trigger (+12V, 150mA x 2)**
- Firmware Upgradable via Internet

### Marantz Audio Advantage

- Pure Direct / Source Direct
- M-DAX (Marantz Dynamic Audio eXpander)
- 192kHz/24-bit Audio DACs
- Transparent binding post speaker terminals (gold plated)
- DSD to PCM convert playback capability
- **Aluminum front panel with trap door and aluminum knobs**

because music matters

## Specifications

### Audio Section

#### Power amplifier

Rated output:

Front:

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

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

Center:

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

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

Surround:

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

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

Surround back:

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

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

#### Analog

Input sensitivity/Input impedance: 200 mV/47 k ohm

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

S/N: 102 dB (IHF–A weighted, DIRECT mode)

#### 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)

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 ohm

Frequency response: 5 Hz – 10 MHz 0, –3 dB

#### Color component video connector

Input/output level and impedance: Y signal — 1 Vp-p, 75 ohm

PB / CB signal — 0.7 Vp-p, 75 ohm

PR / CR signal — 0.7 Vp-p, 75 ohm

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

### Tuner Section

#### [FM]

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

Receiving Range: 87.5 MHz – 107.9 MHz

Usable Sensitivity: 1.5  $\mu\text{V}$  (14.8 dBf)

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

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

HD 85 dB

Total harmonic Distortion (at 1 kHz):

MONO 0.1 %

STEREO 0.2 %

HD 0.02 %

#### [AM]

Receiving Range: AM: 530 kHz – 1710 kHz

Usable Sensitivity: 20  $\mu\text{V}$

S/N: HD 85 dB

Total harmonic Distortion (at 1 kHz): HD 0.02 %

### General

Power supply: AC 120 V, 60 Hz

Power consumption: 670 W

0.2 W (Standby mode)

0.5 W (CEC standby mode)

2.7 W (network standby mode)

Dimensions (W x H x D):

17 21/64" x 7 23/64" x 15 63/64"

440 x 187 x 406 mm

Weight: 27 lbs 9oz, 12.5 kg

## Technology



Made for



4K video support (Video passthrough, video upscaling)



Dual HDMI outputs



Stream music from your iPad®, iPhone® or iPod Touch® or from your iTunes® music library.



New Apps



\*Dolby, Pro Logic, and the double-D symbol are registered trademarks of Dolby Laboratories. \*DTS, DTS-HD, the Symbol, & DTS or DTS-HD and the Symbol together are registered trademarks of DTS, Inc. All Rights Reserved. \*The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. \*Windows Media and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. \*Audyssey MultEQ® XT, Audyssey Dynamic EQ® and Audyssey Dynamic Volume® are registered trademarks of Audyssey Laboratories. \*\*Made for iPod,™ and "Made for iPhone,™" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, or iPhone, may affect wireless performance. \*AirPlay, the AirPlay logo, iPad, iPhone, iPod, iPod classic, iPod nano, iPod shuffle and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. \*\*"x.v.Color" is a trademark of Sony Corporation. \*SIRIUS, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. and its subsidiaries. All rights reserved. Service not available in Alaska and Hawaii. \*HD Radio™ and the HD Radio logo are proprietary trademarks of iBiquity Digital Corp.

### ©2012 Marantz America, LLC.

For purposes of improvement, specifications and design are subject to change without notice. All specifications, dimensions and weights are subject to change without notice. D&M Holdings, Marantz, Marantz America, LLC, 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 dealers, designers, custom installers, cabinet makers or end users, etc based upon information contained within this document.

1-855-ONE-MARANTZ

1-855-663-6272

Call for Assistance: 9:00AM to 8:00PM M-F E.S.T.

For frequently asked questions please visit [www.marantz.com](http://www.marantz.com)