

## MARANTZ SR7012 Silver 9.2 Channel AV Receiver w/ HEOS Music Streaming



Šifra: 12628

Kategorija proizvoda: AV Pojačala i Risiveri

Proizvođač: Marantz

**Cena: 173.880,00 rsd**

Originalni broj: N855 B

Marantz doesn't believe that home cinema performance should come at the expense of music playback, and the SR7012 is designed to sit at the heart of a complete high-end home entertainment system, with nine powerful amp channels built-in. It has a wide range of facilities to enable your favourite music to be shared and enjoyed, including network streaming, compatibility with ultra-high-resolution music formats, Bluetooth and Airplay for playback from portable devices, and the HEOS wireless multiroom system.

**9.2 channel AV Receiver with 200 W per channel** - Enough power to fill big rooms with renowned Marantz sound

**4K/60 Hz full-rate pass-through, 4:4:4 color resolution, HDR, BT.2020 , Dolby Vision and HLG (Hybrid Log Gamma) pass-through** - Latest HDMI standard for future-proof compatibility

**8 HDMI inputs (incl. 1 front) with full HDCP 2.2 support; 3 HDMI outputs (incl. Zone 2)** - Extended connectivity: ready to feed a TV and projector in parallel, and even a display in a second room

**eARC (Enhanced Audio Return Channel) support via firmware update** - eARC supports the most advanced audio formats such as Dolby Atmos and DTS:X via single HDMI connection between AVRs and compatible TVs

**Analogue to HDMI conversion and SD to HD/4K Upscaling** - HD video quality from existing DVDs or analogue sources

**Dolby Atmos (up to 7.1.4 with an external 2ch amplifier), DTS:X, and Auro-3D built-in** - Immersive 3D sound with effects from overhead

**Built-in Wi-Fi with 2.4GHz/5GHz dual band support** - Improved network stability especially in crowded-crowded homes

**Built-in HEOS Wireless Multi-Room Audio Technology** - Integrated with other HEOS devices for whole-house entertainment

**AirPlay, Bluetooth, Internet Radio, Spotify Connect, Pandora, SiriusXM, Napster, Amazon Music, TIDAL, Deezer and more** - Access to almost unlimited online music sources

**DSD (2.8/5.6MHz), FLAC, ALAC and WAV support** - High Resolution audio streaming, with gapless playback

**Audyssey MultEQ XT32, LFC, Sub EQ HT, Dynamic Volume and Dynamic EQ** - Delivering the ultimate optimization and equalization for your room

**Colour-coded speaker terminals, Setup Assistant, Marantz 2016 AVR Remote App** - Hassle-free installation, setup and operation

**Intelligent ECO mode with off/on/auto setting** - Energy-conscious without compromising on performance

**Advanced multiroom options; 11.2-channel processing with pre-outs for all channels; RS232 Control; Crestron Connected** - Audio and video around the home; expandable surround; ready for 3rd Party Home Automation systems

## High Grade Audio Components

### **High Grade Audio Components**

Featuring exclusive Marantz HDAM (Hyper Dynamic Amplifier Module) technology found on our Reference Series components, the SR7012 incorporates multiple HDAM modules which provide superior low noise wideband performance in an all-discrete configuration, compared to conventional op amp ICs. HDAM technology provides an ultra fast slew rate for true wideband response and maximum dynamic range to deliver optimum sound quality with today's high resolution audio formats. In addition to HDAM technology, the SR7012 also features Current Feedback instead of the typical voltage feedback configuration. A Marantz innovation introduced on our very first audiophile amplifiers more

than 60 years ago, Current Feedback technology provides a wide closed-loop bandwidth and very high slew rate, delivering superior fidelity with wideband audio sources.

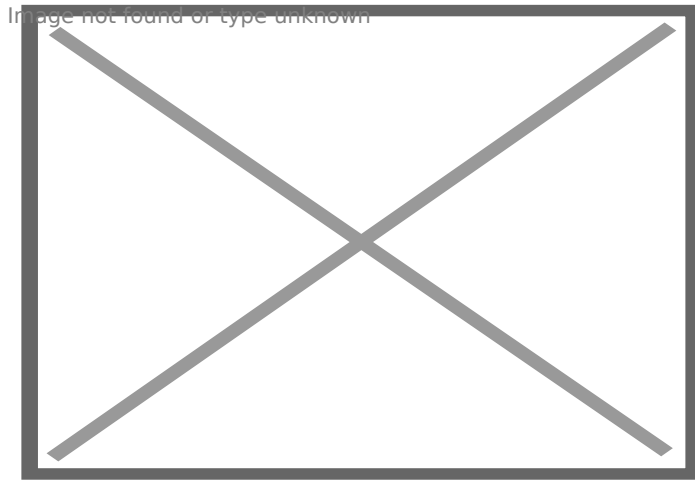
Advanced Audyssey MultEQ XT32

**Advanced Audyssey MultEQ XT32**

Equipped with the flagship Audyssey suite of features, the SR7012 features Audyssey MultEQ XT32 automatic room acoustic correction using advanced DSP algorithms. With the supplied measurement microphone, it analyzes the output of each speaker (including the subwoofers) at up to 8 measurement locations, then generates precision digital filters that optimize each channel for the best possible sound. Audyssey Dynamic Volume smoothes out annoying jumps in volume (such as TV commercials), letting you listen at lower levels while still enjoying clear dialogue, music and sound effects, while Audyssey Dynamic EQ provides full-

range clarity at any listening level. Audyssey Low Frequency Containment uses advanced psychoacoustic algorithms to deliver a full-range balance, including deep bass, but without disturbing close-by neighbours or those in other rooms, and features a multi-step adjustment. Audyssey Sub EQ HT provides individual DSP tailoring of each subwoofer in a dual subwoofer setup, allowing deeper bass with improved definition when compared to a single subwoofer configuration.

## The Audyssey MultEQ Editor App



The SR7012 supports the brand-new Audyssey MultEQ Editor App. Go 'under the hood', view and adjust settings for detailed tuning, customize the sound more precisely to the specific problems in your room, and tailor the sound to your personal preferences.

View the speaker detection results, to check correct installation.

View before and after results of the Audyssey calibration, making it easy to identify room problems.

Edit the Audyssey target curve for each channel pair to suit your tastes.

Adjust the EQ frequency adjustment range for each channel pair.

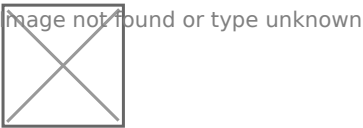
Switch between 2 high frequency rolloff target curves.

Enable/Disable midrange compensation to make the vocal region brighter or smoother.

Save and load calibration results.

The Audyssey MultEQ Editor app, for Android and iOS, is available for purchase from the Apple AppStore or Google Play Store.

## Latest HDMI Connectivity HDCP 2.2 Compatible



Along with 8 HDMI inputs, including one conveniently located on the front panel for quick connection, the SR7012 has an advanced video section supporting the latest HDMI specification, including 4K Ultra HD 60Hz video, 4:4:4 Pure Color sub-sampling, High Dynamic Range (HDR) and 21:9 video, 3D, and BT.2020 and Dolby Vision pass-through support is available on every input, with pass-through for HLG (Hybrid Log Gamma), a new broadcast HDR format, to be supported via a future firmware update. HDCP 2.2 compatibility for 4K Ultra HD copy-protected content, means the SR7012 is ready for the next generation of Blu-ray disc players, set-top boxes and 4K Ultra HD streams and downloads, and its video processor can transcode and upconvert analogue and digital video content to 4K Ultra HD, breathing new life into your favourite legacy sources. Three HDMI outputs are provided - two for the main zone, so you can run a TV and projector in parallel, and one for a second zone.

**DTS:X** 

### **DTS:X**

DTS:X immersive audio places sound where it would occur naturally in space, creating a lifelike, multi-dimensional audio experience in the home. The improved immersion and heightened realism draw you into the world of your favourite movies. The included spatial remapping engine, DTS Neural:X, gives your

movie, game and music collections a new lease on life! DTS:X brings the theatre home.

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### **Auro**

Putting you in a cocoon of life-like sound. Auro-3D elevates the home theatre experience to amazing new levels by delivering the excitement of three-dimensional sound for music, games, broadcast, and films while enhancing your existing audio-visual collection, thanks to Auromatic up-mixing engine.

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### **HDMI eARC**

eARC (Enhanced Audio Return Channel) supports Dolby Atmos or DTS:X from your TV apps with a single HDMI connection for the simplest setup. This feature will be enabled via a future firmware update.

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### **Built-in Bluetooth, Wi-Fi, and AirPlay Capability**

Featuring Bluetooth & Wi-Fi wireless streaming connectivity, the SR7012 is equipped with an advanced dual antenna transceiver system, for robust streaming even in congested urban environments. With Apple's AirPlay compatibility, you can enjoy listening to your favourite tracks wirelessly from your favourite iOS device such as iPhone and iPad.

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### **Simple Smart Select Functions**

The SR7012 has four Smart Select buttons on the front panel and the remote control: each stores a preferred setup – input, volume and Audyssey configuration –

for a particular source. Push one button and the SR7012 can be perfectly configured for anything from Blu-ray or your TV set-top box to your favourite Internet radio station.

### **Advanced 32-bit D/A Conversion on all channels**

For optimum fidelity and the widest dynamic range with lowest distortion, the SR7012 features advanced reference-class 32-bit AKM D/A converters on all channels. This ensures consistent high fidelity and precise channel matching across all channels for the ultimate listening experience.

# **Introducing HEOS: Your Perfect Solution for Wireless Multi-Room Music Streaming**

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The SR7012's built-in HEOS technology allows you to stream and play back your favourite music wirelessly from literally unlimited sources. Enjoy music from Spotify, TuneIn Internet radio, Sound Cloud, Tidal, Napster, Deezer, or your local music file libraries. With additional HEOS components like the HEOS speaker range or other HEOS-capable receivers, you can play all your music throughout the whole house. Control it all effortlessly with the free HEOS app.

### **Powerful 9 Channel Discrete Amplifier, and Eco Mode**

The SR7012 features identical discrete high-current output power amplifier devices on each of its 9 channels for superb sound with both music and movies. Rated at 200 watts per channel, it has low-impedance drive capability, for excellent speaker control, and is compatible with 4 ohm speakers too. To enjoy immersive 3D sound, you can set up a 7.1.2 or 5.1.4 3D experience without the need of external amplifier, or expand to 7.1.4 with an additional two-channel amp. using the SR7012's 11.2channel processing. Meanwhile the Eco mode provides energy savings: it features an on-screen Eco meter, and allows the receiver to be used in power-saving mode. It will either reduce the maximum output power or adopt low-power strategies at more modest settings – and all without affecting the SR7012's superb sound quality.

### **Marantz 2016 AVR Remote**

Re-designed from the ground up, the Marantz 2016 AVR Remote app

gives you unprecedented control over the latest generation of Marantz network AV Receivers, from iOS and Android phones and tablets. Along with many new features, the graphics and user interface have been completely overhauled: control power, volume, input and settings, or switch within the app to the HEOS app to access an incredible range of music content and streaming services, all with full HEOS wireless multi-room control.

External Control Capabilities

### **External Control Capabilities**

The SR7012 has a range of features to provide enhanced control and compatibility with 3rd party and custom integration solutions, including IP control, either via wired LAN connection or Wi-Fi. For compatibility with other components there's a remote control input and output on the rear panel, along with a flasher input and a 12V trigger output, while for direct connection to external home automation and control equipment, there's an RS-232C serial port. The SR7012 also features Crestron Connected for quick and easy integration with home automation equipment.

Hi-Res Audio

### **Hi-Res Audio**

Discover the incredible fidelity of high resolution audio with the SR7012's ability to decode up to 24-bit/192-kHz ALAC, FLAC and WAV lossless files as well as DSD 2.8MHz and 5.6MHz tracks (the audiophile format of SACD). Play hi-res music via the front

panel USB port and network sources, and also listen to other popular file types such as MP3.

Multi-Source/Multi-room

### **Multi-Source/Multi-room**

Whatever your family's entertainment needs, the SR7012 delivers: you can enjoy 7.1-channel surround sound in the main room, and at the same time play stereo sound from another source in a different part of the house. Simply connect a pair of stereo speakers to the multi-room amplified outputs, or hook up a separate stereo amp and speakers to the Zone 2 pre-outs.

Dual Subwoofer Outputs

### **Dual Subwoofer Outputs**

A single subwoofer demands optimal placement to avoid audible peaks and dips in the low-frequency response at the main listening position. The SR7012 supports two subwoofers: used in different locations, these will even out the low-frequency response for more accurate bass anywhere in the room.

Dolby Atmos

### **Dolby Atmos**

Feel every dimension in Dolby Atmos. Dolby Atmos transports you into the story with moving audio that flows all around you with breathtaking realism. Enjoy a 5.1 or even 7.1 surround sound speaker system and 4 additional overhead speakers or 4 Dolby Atmos elevation speakers (7.1.4 with additional 2 channel amplifier) for the ultimate home theatre experience - including Dolby Surround upmixer for

legacy content.

Smart TV Connectivity

## Smart TV Connectivity

Via the HDMI CEC

(consumer electronics control) functionality on some Smart TVs, it's possible to control the SR7012 with the TV's remote handset. With the receiver's "HDMI control" set to ON, set "Smart Menu" receiver control functions and the TV's Smart Menu home screen will provide you direct access to source and surround mode selections, the main setup menu, and Smart Select configuration presets.

Easy To Setup & Use

## Easy To Setup & Use

For easy installation, the SR7012's horizontal row of premium loudspeaker terminals is colour coded, with a set of matching cable-labels supplied to ensure correct hook-up. The AVR's clear graphical on-screen display has an exclusive Setup Assistant, combining with the Quick Start guide to provide guidance and optimise critical settings for the best possible sound quality, whatever your configuration.

## Multichannel Surround

<b>DTS HD Master / DTS:X</b>	Yes / Yes
<b>DTS Neo:X / DTS Neural:X</b>	No / Yes
<b>Dolby TrueHD / Dolby Atmos</b>	Yes / Yes
<b>Dolby ProLogic II / Dolby Surround</b>	No / Yes
<b>Auro 3D</b>	No
<b>Multichannel Stereo</b>	Yes
<b>Max. Number of Processing (preamp) Channels</b>	11.2

## Sound Enhancements

<b>Single Board Power Amplifier</b>	No
<b>Discrete Power Amplifier</b>	9
<b>Copper Plated Chassis</b>	No
<b>Power Transformer</b>	EI

<b>Current Feedback Topology</b>	Yes
<b>Hyper Dynamic Amplifier Modules (HDAM)</b>	Yes
<b>Pure Direct</b>	Yes
<b>High Grade Audio Components</b>	Yes
<b>Gold Plated RCA Terminals</b>	Yes
<b>Clock Jitter Reducer</b>	Yes
<b>Audyssey</b>	MultEQ XT32
<b>Audyssey Dynamic EQ / Dynamic Volume</b>	Yes
<b>Audyssey LFC</b>	Yes
<b>Audyssey APP Support</b>	Yes
<b>Compressed Audio Enhancer</b>	MDAX2

## Network

<b>HEOS Multiroom &amp; Streaming</b>	Yes
<b>Lossy Formats</b>	MP3 / WMA / AAC
<b>Lossless Formats</b>	FLAC / ALAC / WAV
<b>Lossless Formats</b>	FLAC HD 192/24 / WAV 192/24 / ALAC
<b>DSD Audio Streaming</b>	Up to DSD5.6
<b>FLAC HD 192/24</b>	Yes
<b>WAV 192/24</b>	Yes
<b>ALAC 192/24</b>	Yes
<b>Gapless Playback</b>	Yes (FLAC, WAV, AIFF, ALAC, DSD)
<b>AirPlay Audio Streaming</b>	Yes
<b>Internet Radio</b>	TuneIn
<b>Spotify Connect / Tidal / Deezer / Others</b>	Yes
<b>Compatible with Remote APP for Smart Phones</b>	Android / iOS
<b>Compatible with Remote APP for Tablets</b>	Android / iOS/ Amazon Kindle
<b>Ethernet</b>	Yes
<b>WiFi</b>	Yes
<b>Bluetooth</b>	Yes

## HDMI

<b>HDMI Inputs Back / Front</b>	7 / 1
<b>HDCP2.2 Support</b>	Yes
<b>HDMI outputs main / zone</b>	2 / 1
<b>Video conversion Analogue -&gt; HDMI</b>	Yes
<b>HDMI to HDMI Scaling</b>	Up to 4K 60/50
<b>GUI Overlay on HDMI</b>	Yes
<b>HDMI</b>	3D / 4K / CEC / ARC
<b>Enhanced ARC</b>	Yes
<b>Dolby Vision / HLG</b>	Yes
<b>4K signal pass-through / Scaling / GUI overlay</b>	Yes
<b>HDMI pass-through in standby mode</b>	Yes
<b>Picture adjust / Noise reduction</b>	Yes

<b>CEC</b>	Yes
<b>DSD Audio capability</b>	Yes
<b>Audio Return Channel</b>	Yes
<b>Auto LipSync</b>	Yes
<b>Multiroom / CI</b>	
<b>HEOS Multiroom Integrated</b>	Yes
<b>TV Sound Grouping</b>	Yes
<b>Multiroom Zones</b>	2
<b>Zone Audio Source: HDMI / Opt, Coax / Network, USB / Analogue</b>	Yes (2ch) / Yes (2ch) / Yes / Yes
<b>Zone Audio Output: Speaker / Preout</b>	Yes / Yes
<b>Zone HDMI Output from HDMI Source</b>	Yes
<b>IP Control / RS232 Control / Web control / App control</b>	Yes / Yes / No / Yes
<b>IR Flasher In</b>	Yes
<b>Marantz Remote Bus</b>	Yes
<b>DC Trigger Output</b>	1
<b>Others</b>	
<b>Auto speaker setup by microphone</b>	Audyssey MultEQ XT32
<b>FL Display</b>	Port Hole
<b>Graphic User Interface - GUI</b>	Advanced
<b>ISF certification</b>	Yes
<b>GUI languages</b>	9
<b>Setup Assistant</b>	Yes
<b>Smart Select</b>	Yes
<b>Firmware Update by Network / USB</b>	Yes
<b>Variable Cross Over</b>	Yes
<b>Optimized Bass Redirection</b>	Yes
<b>Bass Sync</b>	No
<b>ECO Mode</b>	Yes
<b>Auto Power Off</b>	Yes
<b>Sleep Timer</b>	Yes
<b>Inputs / Outputs</b>	
<b>Composite In / Out</b>	3+1 / 1
<b>Component In / Out</b>	2 / 1
<b>HDMI In / Out</b>	7+1 / 2
<b>Multi-Room Video Out: Video / HDMI</b>	No / Yes
<b>Analogue In / Out</b>	5+1 / 0
<b>Phono (MM) In</b>	Yes
<b>Digital Inputs: Coaxial / Optical</b>	2 / 2
<b>Multi-Room Out: Analogue / Digital</b>	1 / 0
<b>Multichannel Pre Out</b>	Yes (11.2)
<b>Subwoofer Out</b>	2 (independent)

<b>7.1 Multichannel Input</b>	Yes
<b>Speaker Terminal</b>	Gold Plated Screw
<b>Number of Speaker Terminals</b>	11
<b>Speaker A/B / Bi-amp Drive / Multi-Room Speaker</b>	Assignable
<b>Speaker A / B</b>	Assignable
<b>Bi-amp Drive</b>	Assignable
<b>Multi-Room Speaker Terminal</b>	Assignable
<b>Front Inputs</b>	Audio / Composite / HDMI / USB
<b>USB Audio / Made for iPod / Works with iPhone</b>	Yes / AirPlay / AirPlay
<b>FM Tuner w/ RDS</b>	Yes

## Specifications

<b>Number of Poweramps</b>	9
<b>Power Output (8 ohm, 20 Hz - 20 kHz, 0.08% 2ch Drive)</b>	125 W
<b>Power Output (6 ohm, 1 kHz, 0.7% 2ch Drive)</b>	165 W
<b>Power Output (6 ohm, 1 kHz, 1% 1ch Drive)</b>	200 W
<b>70% Guarantee</b>	Yes

## General

<b>Available Colors</b>	Black / Silver-Gold
<b>Metal Front Panel</b>	Yes
<b>System Remote Control</b>	RC035SR
<b>Pre-programmed / Learnable / LCD Display</b>	No
<b>Power Consumption</b>	680W
<b>Power consumption No-Sound (ECO on / off)</b>	60 W / 100 W
<b>Standby Consumption</b>	0.2W
<b>CEC Standby Consumption</b>	0.5W
<b>Dimensions</b>	Antenna Horizontal (W x D x H) 440mm
<b>Dimensions</b>	Antenna Vertical (W x D x H) 440mm
<b>Weight</b>	14.2 Kg