

marantz®

Stereo Receiver

SR4320



Also black available

SR4320 Stereo receiver

This stereo receiver is built to the highest standards and expertly finished. Incredible attention to detail and no compromise construction ensures they faithfully capture the excitement and emotion of your kind of music. The SR4320 is the pure high performance stereo receiver, with an RDS tuner with FM/AM reception, 30 random presets and a powerful 2 x 80 watt stereo amplifier at its heart. Its extensive AV switching capabilities and the speaker A/B feature make it a true center piece of your stereo system.

NEW

R·D·S
RADIO DATA SYSTEM

30 PRESET

80w X 2ch

**SYSTEM
REMOTE**

ID BUS

R A N G E S E R I E S

because music matters

Features

- Output power 2 x 80 Watts
- Multitude of audio and video in- and outputs
- Tone control
- Source direct
- 30 Programmable presets
- Sleep & Timer function
- System remote control

Benefits

- Ample Marantz rated power to fill the room with pure musical enjoyment
- One touch switching of all your audio and video sources
- Tonal adjustment of bass and treble to personal taste
- Bypass the tone and balance controls, routing the audio signal directly to provide the pure sound quality
- Instant recall of up to 30 favorite stations
- Going to sleep and waking up by the sound of your favorite music
- Full system control via one remote handset

Technological glossary:

Full featured stereo control

The Marantz SR4320 Stereo Receiver is a full-featured stereo control center that combines exceptional sound quality with a host of performance and convenience features including remote control operation. The SR4320 provides four audio inputs including phono to accommodate a variety of music sources, and features a fully discrete amplifier section for clear and powerful sonic performance. This versatile unit can also function in high quality multi-zone installations.

Stereo AV center piece

The SR4320 is equipped with a multitude of audio input and output terminals but surprisingly also has composite video terminals to connect your video source through the center of your home entertainment. It provides one touch switching of video and audio source with a high quality reproduction. It features high grade - heavy duty - speaker binding posts. With 4 dedicated audio inputs of which one Phono (MM), 3 AV inputs, 2 audio outputs, 1 AV output and one monitor output it offers plenty versatility for most home entertainment settings. The SR4320 allows simulcast playback of a video signal from video source while listening to an audio source.

Perfect radio reception

For drift-free FM stereo and MW reception with features like RDS choose the SR4320. It lets you tune by frequency, station name or program type, and provides a clock readout with incredible broadcast accuracy. The high-sensitivity front-end and quartz-locked digital tuning - with a choice of manual or automatic tuning - ensure it delivers the ultimate in quality, for which Marantz is famous. There are 30 presets across all wavebands for instant station recall, available via one touch on the system remote control.

Symmetric circuit architecture

To achieve the best possible sonic performance, signal paths need to be short, direct and mirror imaged. The construction of our circuitry provides improved stereo image by ensuring symmetry between right and left channel layout, including separate L/R solid heatsinks. A rigid chassis and solid metal construction create an anti-resonant environment.

Two pairs of speaker outputs

In not all domestic environments the availability of one speaker system is sufficient. The SR4320 is equipped with the possibility to connect 2 pairs of loudspeakers. The speaker systems can be switched on and off by simply selecting the speaker system via the remote control of the receiver.

In Marantz style

To control entire system with one remote handset, Marantz has designed the D-Bus system. The unique Marantz D-Bus connection allows convenient linkage to other Marantz components. Individual devices inform each other and remote control commands are communicated via this bus line. The SR4320 comes with an easy to use remote control, for full intuitive and extensive system control.

Bypacked accesories

- User manual
- Power cable
- Remote control
- Batteries
- FM antenna
- AM loop antenna

RC4320SR (no picture available)

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FEATURES

AMPLIFIER FEATURES

Current Feedback Topology	-
Linear Drive Power Supply	-
CCNE	-
Power Transformer: Super-ring / Toroidal / EI	-/•
HDAM: Standard / SA / Current Feedback	-
HDAM cover: Gold plated / Copper plated / Metal /no shield	-
Symmetric PCB Layout	•
High Grade Audio Components	-
Customised Components	-
Current Feedback phono equalizer	-
Balance / Bass / Treble / Loudness	•/•/•/-
Source Direct	•
Separate Solid Heat Sinks	•
Speaker A/B	•
Record Selector: full / copy-source	-/•
Tape Monitor	-
Standby Mode	-
Display dimmer	-

TUNER FEATURES

Broadcast bands: FM / MW / LW	•/•/-
Dual Gate MOS-FET	•
Phase Lock Loop Synthesizer	-
IF Bandwidth Selector	-
High Alternate Channel Selectivity	-
Preset	30
Auto Tuning	•
RDS: PTY/PS/CT/TA/TP	•/•/-/•
RDS: EON	-
Station Naming	•
Sleep / Timer	•/-
Birdy Whistle Elimination Circuitry	•

INPUTS/OUTPUTS

Audio Inputs	7
Phono Input: MM/MC	•/-
Audio Outputs	3
Video inputs	3
Video outputs	2
Processor In/Out	-
Pre-out / Main-in	•/•
FM Antenna	1
AM Antenna	1
D-Bus In/Out	•
Gold Plated Cinch	-
Speaker Terminal: Click-fit / Screw / WBT	-/•/-
AC Outlets (Not for UK Model)	-
Headphone Out	•

SPECIFICATIONS

AUDIO SECTION

Power Output (8/4 Ohm RMS)	80/- Watts
Frequency Range	20Hz - 20kHz
Frequency Response	10Hz - 65 kHz (-3dB)
Total Harmonic Distortion	0,08%
Damping Factor	-
Input Sensitivity: MM	-
Input Sensitivity: MC	-
Input Sensitivity: High level	200 mV / 47 kOhm
Signal to Noise Ratio High Level	>95 dB
Signal to Noise Ratio MM/MC	>70 dB

VIDEO SECTION

Input level/impedance	-
Output level/impedance	-
Video frequency response	-
Signal to Noise Ratio	>60 dB

TUNER SECTION FM

Frequency Range	87.5 - 108.0 MHz
Signal to Noise Ratio (Mono/ Stereo)	>70 dB / >65 dB
Total Harmonic Distortion (Mono/Stereo)	<0.2% / <0.3%
Frequency response	20 - 15 kHz (-3dB)
Channel Selectivity	-
Usable Sensitivity	2.0 µV/ 17.3 dBf
Stereo Separation	1 kHz, 40 dB (Stereo)

TUNER SECTION AM

Frequency Range: MW / LW	520 - 1710 kHz
Signal to Noise Ratio: MW / LW	50 dB / -
Distortion	1.0%
Channel Selectivity	± 10 kHz 40 dB

GENERAL

Available colors: Platinum/Gold/ Silver/Black	-/•/-/•
Metal Front Panel	•
Remote Control	RC4230SR
System Remote Function	•
Power Consumption	250 Watts
Detachable Power Cable	-
Maximum Dimensions (W x D x H)	440 x 365 x 164 mm
Weight	8.4 kg

Design and specifications are subject to change by Marantz without notice.

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