

SR5004 - Surround Sound Receiver



The Marantz SR5004 Surround Receiver is anything but conventional. Of course, it's highly flexible. And thoroughly up-to-date. So it can function as a switching center for sophisticated home A/V systems, including yours. There's video scaling, Bluetooth capability, high power, support for the latest surround formats, outputs for 10 (yes, 10!) speakers, and easy system integration. When you combine that with Marantz's vaunted sound quality, you've got a receiver that redefines enjoyment. Were you expecting anything less? From Marantz? No way.

Basics count. Especially with Marantz. So the SR5004 Surround Sound Receiver begins where most so-called competitive products haven't even gotten to yet – sound quality. That's because of our 55+ year heritage in delivering fine audio performance.

Consider the SR5004's seven-channel "in-line" amplifier. In addition to its voltage feedback configuration, the SR5004's amp benefits from selected audiophile-grade components chosen only after carefully designed comparative listening tests. A substantial low-noise power supply based on an oversized EI-core transformer and low-ESR capacitors assure instantaneous current delivery for undistorted peak reproduction. Marantz engineers designed a totally separate audio circuit board to isolate sonics from the spurious radiation developed by video processors. Power is a substantial 90 watts/channel so you'll enjoy dynamic reproduction of both music and soundtracks – all with the clarity that has long distinguished Marantz.

Getting that power to your speakers is easy with any type of cable as the SR5004 has screw terminals for nine speakers (plus a preamp output for your subwoofer).

The SR5004 presents a plethora of ways to enjoy this clarity. Dolby Pro Logic IIz adds height information for real dimensionality and immersion. Of course, internal Dolby TrueHD and DTS HD Master Audio circuitry accurately decode high definition soundtracks from Blu-ray discs, thanks to an Aureus 250 MHz 32-bit floating point digital signal processor.

Audyssey Dynamic EQ brings loudness compensation curves into the digital era to insure that you're listening to the same bass-to-treble tonal balance intended by the original artists. And it does so regardless of your listening volume!

Another Audyssey technology, Dynamic Volume, lets you enjoy a variety of sources without the need to turn down the volume when a commercial comes on – and turning it up again when your program resumes. And MultiEQ auto setup lets you automatically calibrate your listening room/speaker combination so you and others can listen to the most accurate and convincing soundfield possible.

M-DAX, Marantz's Dynamic Audio eXpander, restores the often-missing high frequencies to compressed audio sources by analyzing input signals and applying proprietary Marantz algorithms to produce eminently enjoyable results.

For the "completely connected," Marantz's M-Xport feature offers Bluetooth capability. Simply add the optional RX101 Bluetooth adaptor to your SR5004 and you're ready to play the music you've collected on any Bluetooth-enabled portable device (your iPhone, iPod, or PDA for example) through your home theater system. Bluetooth's real beauty is that you can do this wirelessly so you don't need a separate device dock! And the RX101 doubles as an IR (infrared) receiver so you can place all your components out of sight and still maintain full remote control.

On the video side, the SR5004 boasts full 1.3 HDMI connectivity with three inputs and one output. So you can connect your HDMI sources through the SR5004 to a single high definition screen for full resolution viewing. Transcoding from analog to digital followed by video scaling to 1080p lets you view your favorite analog video sources on that same screen for even more engaging viewing.

The Marantz SR5004 carries simplicity to high levels, too. The new color GUI screens make system setup easy to understand and even easier to accomplish. The connections help, too. Instead of a mind-numbing array of little-used and even-less-understood jacks, you'll find simplified choices that include, for example, a front-panel S-Video input, one component video input, and a Toslink digital connection.

There are more choices for radio, too. Rear panel connectors let you add your choice of Sirius or XM satellite tuners so you can enjoy the same programming at home or on the road.

A detachable AC cord, RS232C and IR flasher inputs, and DC trigger outputs let you install the SR5004 almost anywhere. A full-function hand-held controller with full BD command codes completes this remarkable combination of capabilities, conveniences, and commanding sonic presence. That's only as it should be. After all, the SR5004 Surround Receiver is a Marantz

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FEATURES

MULTICHANNEL/SURROUND

Number of Channels	7 ch Amp. 7.1 ch Processing
THX	-
DTS	HD Master & High Res.Audio/ES9624/Discrete & Matrix 6.1/Neo6
Dolby	TrueHD/Digital Plus&EX/Pro Logic IIz & IIx/Virtual Speaker/Headphone
DSD (SA-CD) / Neural	DSD Decoding via HDMI / Neural THX
SRS	Circle Surround II

SOUND ENHANCEMENTS

HDCD Decoder	•
Current Feedback Topology	-
Discrete Amplification	•
Power Transformer	EI
D/A Conversion	192kHz/24-Bit
Digital Signal Processing	TI Aureus 32-Bit
Video Off (Pure Direct)	•
Source Direct	•
Chassis	Metal
Variable X-over	•
Display Off	•
Video Up-conversion	•
Auto Calibration	Audyssey MultEQ
Satellite Radio Ready	XM / SIRIUS
AM/FM tuner	1
Bass management	•
Lip-sync (digital audio delay)	•
Software Upgradable	Via RS-232C

IN/OUTPUTS

VIDEO

HDMI In	3
Component In	3
S-Video In	1 (Front)
Composite In	5 (inc. front)
HDMI Out	1
Component Out	1
S-Video Out	-
Composite Out	2 (inc. Monitor Out)

AUDIO

Analog L&R In	max 8 (inc. L/R of Front AUX, L/R of 7.1 ch input)
Analog L&R Out	2
Digital Optical In	3 (inc. Front AUX)
Digital Coaxial In	2
Digital Optical Out	1 (Common for Multi Zone B (3rd Zone) Digital Out)
Digital Coaxial Out	-
Other	-

IN/OUTPUTS (continued)

OTHER

Pre-Amplifier Out	7.1
Main Amplifier In	-
Multi-Channel In	7.1
Multi-Room Audio Out	L&R for Multi Zone A (2nd Zone), Digital Opt Out for Multi Zone B (3rd Zone)
Multi-Room Video Out	Component Output Assignable
Multi-Room Speaker Out	•
Speaker A/B	Speaker A, B and C
Networking	-
External control	RS-232C x1
DC Triggers	Out.1
D-Bus Remote (RC-5) In/Out	1/1
Flasher In/IR Receiver In/Emitter out	1/0/0
Front Panel A/V Inputs	S-Video/Video/Analog L&R/Digital Optical
Headphone Out	1
AC Outlets (Switched/Unswitched)	1/1

SPECIFICATIONS

AUDIO SECTION

Power Output (8 Ohm)	90W x7 (20Hz -20kHz)
S/N Ratio	105db (Analog Input, Pure Direct)
Freq. Response (Analog In)	8Hz - 100kHz (+/- 3 dB, Pure Direct Mode)
Freq. Response (Dig In)	8Hz - 45kHz (+/- 3 dB 96 kHz PCM Signal Input)

TUNER SECTION FM

Frequency Range	87.5 - 108.0MHz
S/N Ratio (Mono/Stereo)	75/70 dB

TUNER SECTION AM

Frequency Range	520 - 1710kHz
S/N Ratio	50 dB

VIDEO SECTION

Video Freq. Response (Component)	5Hz - 80MHz (- 1 dB)
Video Freq. Response (Composite, S-Video)	5Hz - 8MHz (- 1 dB)
Signal to Noise	60dB

GENERAL

Color	Black
Front Panel	Aluminum/Glass-reinforced resin
Remote Controller	System Remote with Preset (inc. BD), Max. 160 Key Learning & Backlit
Power Requirement	AC 120V/60Hz
Power Consumption	Max. 650W (Standby 0.7W (Normal), 0.4W (Economy))
Dimensions W" x H" x D" (Inches)	17-3/8" x 6-3/8" x 15-3/8"
Weight (lbs)	28



RX101- Bluetooth / IR Receiver (optional)



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