SR6004 - Surround Sound Receiver

The performance of separate components. The convenience of a receiver. The Marantz SR6004 delivers an astonishing array of features while adhering to our signature tradition of superior sound quality. Where else can you get Bluetooth and four-in/two-out HDMI connectivity, an array of Audyssey technologies, 110 watts per channel, and the décor-pleasing cosmetics Marantz is justly famous for? Here, of course! The SR6004 exudes Marantz refinement. Naturally.

What do you want in a surround sound receiver? Power? Connectivity? Sophistication? Easy operation? Superb cosmetic design? Why not opt for everything by choosing the Marantz SR6004?

Here, you'll find access to all of your favorite sources. Want the best image and sound from your favorite Blu-ray discs or a set-top box? Let the SR6004's extensive HDMI array open your eyes and ears. With four inputs and two outputs (all 1.3 capable, by the way), you'll enjoy audio formats like Dolby TrueHD and DTS HD Master Audio. And see visual images as they were meant to be seen.

Want Sirius or XM satellite radio in addition to FM and AM? Just add the optional module(s) and a subscription and you're ready to go.

Want to use your iPod's playlist for long-term enjoyment? Just connect it to the front panel USB input. Then you'll hear and see all the files you've carefully collected. You'll also enjoy the fact that the USB input is perfectly happy with MP3, WMA, and WAV files from other portable devices, too.

You'll find an RX101 Bluetooth adaptor included with your SR6004 so you can wirelessly enjoy files from any Bluetooth-enabled source. Wait until you hear your iPhone and iTouch collections through your home theater system! And the RX101 is an IR (infrared) sensor, too, so you can place all your components in a remote location and still maintain complete control.

If you're concerned about compromised sound quality with compressed files, let our M-DAX (Marantz Dynamic Audio eXpander) circuit fill in the missing high frequency content for true-to-life fidelity.

Thanks in part to an advanced digital audio signal processor from Texas Instruments, the SR6004 brings you Dolby Pro Logic IIz with exciting height information so planes flying overhead actually sound as though they're overhead!

You'll also find a full array of Audyssey technologies to help you recreate the perfect entertainment environment. Audyssey's Dynamic Volume compensates for level differences as you switch from source to source. It even takes the "annoyingly loud" out of commercials so they don't overwhelm your ears. Dynamic EQ maintains the original bass-to-treble tonal balance regardless of how loudly or softly you play your favorite music or movies. Finally, MultiEQ automatically evens the frequency response of your room and speakers to let you enjoy a whole new level of clarity.

Enjoying all this through your main system is certainly fine but having the convenience of multi-zone operation is even better. Here, the SR6004 gives you the option of second zone/second source output so you can enjoy a soundtrack in one room and a MP3 in another. And you can select either mono or stereo for second zone listening.

Video capabilities may be even more exciting. Thanks to a multi-purpose video processor from i-Chips Technology, the SR6004 easily converts composite or component video signals to digital while upscaling them to full 1080p definition for output via HDMI. There's also a component video output for a second zone and automatic Lip Sync so picture and sound arrive simultaneously at your favorite viewing/listening location.

A detachable AC cord, RS232C and IR flasher inputs, DC trigger outputs, an easily-placed chassis that's less than 16" deep, and Front Key Lock which inactivates all the front panel controls make the SR6004 a perfect candidate for custom installation. The new hand-held remote controller features an LCD display, backlighting, and learning capability so you can use this remote for multi-brand systems. And it's been preprogrammed with BD (Blu-ray Disc) command codes for players by most major manufacturers.

Don't forget the color GUI that lets you easily set up your receiver so you can enjoy all its capabilities. Lest you think we've ignored the amplifier section, fear not! The seven channel in-line design uses voltage feedback for reduced distortion. A space-efficient and well regulated EI-core transformer pairs with an array of custom 20,000 microfarad capacitors to provide instantaneous current delivery when a demanding source calls for it. Even the power supply devoted to HDMI and DSP circuits is a linear design that avoids the noise common to "switching" supplies. HDMI circuits benefit from a phase lock loop (PLL) in the power supply for reduced jitter and even better sound quality. In addition, the analog audio circuitry sits on its own circuit board for maximum isolation.

It's attention to details like this that distinguish Marantz from other brands. Our 55+ year history demands no less. And neither should you.

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LIFE AMPLIFIED™

AUDYSSEY | DOLBY TRUE HD | dts-HD Master Audio | USB | Bluetooth® | HDMI HIGH DEFINITION MULTIMEDIA INTERFACE | SIRIUS SATELLITE RADIO | XM READY | RS-232 | CERTIFIED CRESTRON Integrated Partner | AMX Compatible

FEATURES

MULTICHANNEL/SURROUND

Number of Channels	7 ch Amp. 7.1 ch Processing
THX	-
dts	HD Master & High Res.Audio/ES/96/24/Discrete & Matrix 6.1/Neo:6
Dolby	TrueHD/Digital Plus&EX/Pro Logic IIx/Virtual Speaker/Headphone
DSD (SA-CD) / Neural	DSD Decoding via HDMI / Neural THX
SRS	Circle Surround Sound 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	4
Component In	3
S-Video In	1 (Front)
Composite In	5 (inc. front)
HDMI Out	2
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	4 (inc. Front AUX)
Digital Coaxial In	2
Digital Optical Out	1 (Common for Multi Zone B (3rd Zone) Digital Out)
Digital Coaxial Out	-
Other	USB Input for Audio: 1 (Front)

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)	110W 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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