

SA-14S1

PREMIUM SUPER AUDIO CD PLAYER WITH USB-DAC



The new SA-14S1 includes an oversized Toroidal transformer and a strong power supply section that generates the cleanest of power to eliminate component cross-contamination. This is the perfect platform reference-quality sound, and for the Marantz disc mechanism to provide superb CD and SACD sound quality. But that's just the start of this amazing player. It includes a DAC-mode that's almost identical in functionality to that of the revolutionary NA-11S1. It has optical and coaxial digital input as well as USB-B for direct connection to a PC. This means it provides direct high-definition audio streaming from your PC so you can make use of the high quality DAC and the high quality audio output stage with HDAM-SA2 modules. That's why, importantly, this newly developed player also includes our latest ground/signal isolator technology, to virtually eliminate PC noise. The player can operate as a soundcard for your PC and the USB-B port works in asynchronous mode to support not only 192kHz / 24bits but also the DSD 2.8MHz and 5.6MHz for maximized versatility and performance. It even has a USB input on the front to play MP3, WAV, and AAC formats, and, of course it's iPod/iPhone compatible. This is Super Audio CD quality in the sublime, and more. Much more.

Main Features

- SA-CD / CD playback, USB-A and DAC-Mode (USB-B, opt & coax in) for HD-Audio
- Marantz original SA-CD mechanism for accurate data read out
- USB-B port works in asynchronous mode and capable of handling PCM up to 192kHz/24bits and DSD2.8 & 5.6Mhz direct streaming
- Analog audio circuits featuring Marantz HDAM®-SA2 for high quality audio
- High Current Audiophile DAC DSD1792 and accurate dual system clock
- Toroidal Transformer and high quality customized components
- Rigid premium chassis offering high stability and minimizing vibration
- Fully discrete high current headphone amplifier
- System remote to control Amplifier, CD-Player and Network Player

EAN

EU	SA14S1/N1B	4951035051412	Black
	SA14S1/N1SG	4951035051429	Gold
UK	SA14S1/T1B	4951035051412	Black
	SA14S1/T1SG	4951035051429	Gold

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FEATURES	SA-14S1
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3 / AAC	• / • / • / • / • / •
SA-CD Text / ID3 Tag / WMA Meta Tag / AAC Meta data	• / • / • / •
iPod / iPhone compatible USB input	•
DAC operation mode: USB / Coax / Optical	• / • / •
Asynchronous mode rear USB	•
Bit-perfect transmission	•
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	• / •
Ground isolator for DAC Mode operation	•
HDAM version	HDAM+HDAM SA2
Power Transformer: Toroidal / EI	• / -
High Grade Audio Components	•
Customised Components	•
Symmetric circuit layout	•
Extra metal plate for chassis strengthening	•
Digital out off	•
Headphone: Buffer / Current feedback	• / • (HDAM SA2)
OTHERS	
Selectable filter: CD / DAC-Mode	• / •
Marantz Musical Mastering	•
Zero Impedance Matching joint (copper)	•
Separated rectifier circuit for analogue and digital circuitry	•
Display: Off	•
Low Noise LCD display	•
PLAYBACK	
Program Play (CD)	20
Repeat	•
Random Play	•
Start Sound Mode for SA-CD	•
INPUTS/OUTPUTS	
Analogue Out (Cinch)	2ch
Digital Optical In / Out	• / •
Digital Coaxial In / Out	• / •
Sample Rate digital In	192 kHz/ 24-bit
Gold plated Cinch	•
USB Audio (Front) / Made for iPod / Works with iPhone	• / • / •

USB type B input for PC (back)	•
Asynchronous mode rear USB	•
Sample Rate USB type B In	192 kHz/ 24-bit
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	• / •
D-Bus	•
Headphone Out	•
Headphone Volume Control	•

SPECIFICATIONS	
Mechanism	FG Mecha (MZ original)
D/A Conversion	Multi-bit, Delta-Sigma
DAC IC	DSD1792A
Digital Filter	DSD1792A
Noise Shaper	DSD1792A
Low Pass Filter stage	HDAM
Output Buffer	HDAM SA2
Headphone amp	HDAM-SA2+HDAM
SA-CD AUDIO	
Frequency Response (Cust.)	2 Hz - 50 kHz
Dynamic Range (SA)	112 dB
Signal to Noise Ratio (SA)	110 dB
Total Harmonic Distortion (SA)	0.001%
Channel Separation (SA)	102 dB
CDDA AUDIO	
Frequency Response	2 Hz - 20 kHz
Dynamic Range	100 dB
Signal to Noise Ratio	110 dB
Total Harmonic Distortion	0.0015 %
Channel Separation	100 dB
GENERAL	
Available colors: Gold / Black	• / •
Metal Front Panel	•
Remote Control	RC001PMSA
Power Consumption	37 W
Standby Consumption	0.3 W
Auto power off	•
Detachable Power Cable	•
Maximum Dimensions (W x D x H)	440 x 419 x 123 mm
Weight	14.5 kg

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