

marantz®

SA-14S1 SPECIAL EDITION

PREMIUM SUPER AUDIO CD PLAYER WITH USB-DAC



Special Edition



New Premium Products from Marantz are always reason for the audiophile community to celebrate. And the new 14 Series Special Edition thrusts the audio experience to new levels – because this Special Edition has been lovingly fine-tuned and passionately optimized for High Resolution files: marking the new era in music adoration. The SA-14S1 Special Edition includes a heavy 5mm thick aluminum top lid and highly rigid feet to minimize vibration as well as 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. It includes a DAC-mode that's almost identical in functionality to that of the revolutionary, award-winning 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 High Resolution 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
- Analogue 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 with 5mm thick Aluminum top cover and heavy new feet for anti-vibration
- Fully discrete high current headphone amplifier
- System remote to control Amplifier, CD-Player and Network Player



because music matters



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| FEATURES | SA-14S1 SE |
|--|-----------------------|
| 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 | • |
| 5 mm aluminum top plate | • |
| Digital out off | • |
| Headphone: Buffer / Current feedback | • / • (HDAM SA2) |
| OTHERS | |
| Selectable filter: CD / DAC-Mode | • / • |
| 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 127 mm |
| Weight | 15.3 kg |

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