

SA8005

SUPER AUDIO CD PLAYER WITH USB-DAC



Marantz design engineers have taken everything possible from what we learned in the Premium Range and reincarnated that knowledge in this exquisite stereo Super Audio CD Player - along with a mega-portion of versatility. For example, it faithfully reproduces a wide sound stage with no extra or missing information, thanks to the faster, low-noise and lower impedance symmetrical circuits with high-quality components. The loading mechanism virtually eliminates resonance, while its reduced distortion spectrum gets the very best of audio quality from Super Audio CDs. And just like the Premium SA-14S1, the SA8005 includes a DAC-mode. It has optical and coaxial digital input as well as USB-B for direct connection to your PC. This means you can use the player's 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 operates as a soundcard for the PC and the USB-B port works in asynchronous mode to support not only 192 kHz / 24bits but also the DSD 2.8MHz and 5.6MHz for maximized versatility and performance. All these different sources use the same excellent audio processing, so all your music will radiate the same intense lustre, energy, and pin-point detail – whatever the source. Enjoy.

Main Features

- Super Audio CD / CD playback, USB-A and DAC-Mode (USB-B, OPT & COAX in) for HD-Audio
- 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 CS4398 and low jitter dual system clock
- Toroidal Transformer and high quality customized components
- Double layered bottom plate for extra stability
- Headphone Amplifier with HDAM -SA2
- System remote to control Amplifier, CD-Player and Network Player



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FEATURES	SA8005
CD Compatibility: CD / CD-R/RW / Super Audio CD / WMA/ MP3	• / • / • / • / •
Super Audio CD Text / ID3 Tag / WMA Meta Tag 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	• / •
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	• (HDAM-SA2)
OTHERS	
Separated rectifier circuit for analogue and digital circuitry	•
Display: Dimmer / Off	• / •
PLAYBACK	
Program Play (CD / Super Audio CD)	20
Repeat	•
Random Play	•
Start Sound Mode for Super Audio CD	•
INPUTS / OUTPUTS	
Analogue Out (Cinch)	2ch
Digital Optical In / Out	1 / 1
Digital Coaxial In / Out	1 / 1
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	CS4398
Digital Filter	CS4398
Noise Shaper	CS4398
Low Pass Filter stage	HDAM
Output Buffer	HDAM-SA2
Headphone amp	HDAM-SA2
SUPER AUDIO CD AUDIO	
Frequency Response (Cust.)	2 Hz - 60 kHz
Dynamic Range (SA)	106 dB
Signal to Noise Ratio (SA)	110 dB
Total Harmonic Distortion (SA)	0.0012 %
Channel Separation (SA)	100 dB
CDDA AUDIO	
Frequency Response	2 Hz - 20 kHz
Dynamic Range	101 dB
Signal to Noise Ratio	110 dB
Total Harmonic Distortion	0.0018 %
Channel Separation	100 dB
GENERAL	
Available colors: Black / Silver-Gold	• / •
Metal Front Panel	•
Remote Control	RC002PMSA
Power Consumption	29 W
Standby Consumption	0.2 W
Auto power off	•
Detachable Power Cable	•
Maximum Dimensions (W x D x H)	440 x 341 x 106 mm
Weight	8.0 kg

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