



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

- SA-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 + HDAM-SA2 for high quality audio
- High performance 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 the operational amplifier + HDAM-SA2
- System remote to control Amplifier, CD-Player and Network Player

UPC

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because music matters



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FEATURES	SA8005	SPECIFICATIONS	
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3	• / • / • / • / •	Mechanism	FG Mecha (MZ original)
SA-CD Text / ID3 Tag / WMA Meta Tag data	• / • / •	D/A Conversion	Multi-bit, Delta-Sigma
iPod / iPhone compatible USB input	•	DAC IC	CS4398
DAC operation mode: USB / Coax / Optical	• / • / •	Digital Filter	CS4398
Asynchronous mode rear USB	•	Noise Shaper	CS4398
Bit-perfect transmission	•	Low Pass Filter stage	HDAM
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	• / •	Output Buffer	HDAM SA2
Ground isolator for DAC Mode operation	•	Headphone amp	OP Amp + HDAM-SA2
HDAM version	HDAM+HDAM SA2	SA-CD AUDIO	
Power Transformer: Toroidal / EI	• / -	Frequency Response (Cust.)	2 Hz - 60 kHz
High Grade Audio Components	•	Dynamic Range (SA)	106 dB
Customised Components	•	Signal to Noise Ratio (SA)	110 dB
Symmetric circuit layout	•	Total Harmonic Distortion (SA)	0.0012 %
Extra metal plate for chassis strengthening	•	Channel Separation (SA)	100 dB
Digital out off	•	CDDA AUDIO	
Headphone: Buffer	• (HDAM-SA2)	Frequency Response	2 Hz - 20 kHz
OTHERS		Dynamic Range	101 dB
Separated rectifier circuit for analogue and digital circuitry	•	Signal to Noise Ratio	110 dB
Display: Dimmer / Off	• / •	Total Harmonic Distortion	0.0018 %
PLAYBACK		Channel Separation	100 dB
Program Play (SA-CD, CD)	20	GENERAL	
Repeat	•	Available color	Black
Random Play	•	Metal Front Panel	•
Start Sound Mode for SA-CD	•	Remote Control	RC002PMSA
INPUTS / OUTPUTS		Power Consumption	29 W
Analogue Out (Cinch)	2ch	Standby Consumption	0.2 W
Digital Optical In / Out	1 / 1	Auto power off	•
Digital Coaxial In / Out	1 / 1	Detachable Power Cable	•
Sample Rate digital In	192 kHz / 24-bit	Maximum Dimensions (W x D x H)	17 21/64" x 13 27/64" x 4 11/64"
Gold plated Cinch	•		440 x 341 x 106 mm
USB Audio (Front)	•	Weight	17 lbs 10 oz , 8.0 kg
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	•		
RC5	•		
Headphone Out	•		
Headphone Volume Control	•		

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