

SA-11S3

Super Audio CD Player



marantz®



Reference Series - Super Audio CD/CD Player

With a bullet proof drive mechanism and HDAM® SA2 driven balanced audio output stage anchoring the design, the SA-11S3 takes the idea of what constitutes a superior quality Super Audio CD/CD player fully into today's digital media age with the inclusion of a first rate USB DAC stage that features asynchronous input and 24bit/192kHz decoding. In all, four digital inputs are supported: USB-A, USB-B and S/PDIF (optical, coaxial). A custom Marantz-designed digital filter features 8x oversampling and user-adjustable settings. An all new black anodized aluminum billet chassis is copper lined; a luxurious measure against radiated noise, copper-lining adds considerable mass to the product for enhanced resonance damping as well. A massive, regulated power supply features a custom wound OFC (Oxygen Free Copper) toroidal transformer and provides ample power on demand for musical peaks while extra filtering insures no audible signature. Designed expressly for serious audiophiles, the SA-11S3 stands ready to deliver maximum listening pleasure from every type of digital media.

Marantz Audio Advantage

- Analog audio circuits featuring Marantz HDAM SA2 and HDAM
- Fully balanced differential audio circuit (HDAM SA2 as output buffer AMP, HDAM as low pass filter, HDAM as I/V converter)
- New mechanism SACDM-2, to thoroughly suppress vibration
- Original DSP PEC777f3 (fs 44.1 – 192 kHz)
- USB-B port works in asynchronous mode and can handle 192kHz/24bits content (Sampling frequencies [kHz]: 32/44.1/48/64/88.2/96/176.4/192)
- Optical isolator eliminates influence of the clock noise
- Jitter reducer generates a low-jitter output clock from a jittery external clock source

- New features include a USB-A type input and a headphone jack with level control
- Full discrete, high-quality headphone amplifier, featuring HDAM-SA2 and HDAM
- DAC mode with 3 digital inputs (USB-B, Coaxial, Optical)

High quality sound

- 192kHz/24bit high current audiophile D/A converter
- OFC Toroidal transformer (50 VA)
- Copper plated chassis
- Rigid premium chassis with 5mm thick aluminum top cover
- Rigid chassis together with copper plated chassis, double layered bottom plate, aluminum die-cast foot

- High purity gold plated copper RCA terminals
- Low noise LCD display

Useful functions

- USB-A port on front for playback from an iPhone®/iPod® or USB device
- XLR balanced output with phase inverter
- Down-mix stereo playback of multichannel Super Audio CD discs
- App operation via RC-5 with Network player
- Super Audio CD-TEXT, MP3/WMA playback
- Newly-designed system remote unit, controls both PM-11S3 amplifier and SA-11S3 CD player
- ECO friendly : Auto standby, low power consumption in standby mode (less than 0.3W)

because music matters

Specifications

Playable files

	Playable media	
	CD-R/RW	USB-A port
AAC	-	•
WMA	•	•
LPCM (.wav)	•	•
MP3 (MPEG1 Layer3)	•	•
MP3 (MPEG2 Layer3)	•	•

*Some functions may not work for some discs or files, even if indicated "•" on the table.

Analog Output

	Super Audio CD	CD
Disc capacity	1	1
Channels	2 channels	2 channels
Frequency range	2 Hz - 100 kHz	2 Hz - 20 kHz
Frequency response	2 Hz - 50 kHz	2 Hz - 20 kHz
Dynamic range	114 dB	100 dB
Signal-to-noise ratio	109 dB	110 dB
Total harmonic distortion	0.0009%	0.0015%

Disc Formats Playability

- Super Audio CD
- Audio CD (Stereo)
- CD-R (Stereo), CD-RW (Stereo)

Port

Analog audio output

RCA (Unbalanced)	1
XLR (Balanced)	1
Phones	1

Digital audio output

Optical	1
Coaxial	1

Digital audio input

Optical	1
Coaxial	1
USB-A (Front)	1
USB-B (Rear)	1

Control

Remote control (IN/OUT)	1/1
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General

Power supply: AC 120 V, 60 Hz

Power consumption:
45 W

0.3 W (Standby mode)

Dimensions (W x H x D):

17 5/16" x 5" x 16 9/16"

440 x 127 x 421 mm

Weight: 37.5 lbs, 17.0 kg



New mechanism SACM-2



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