

marantz®



Reference Series Super Audio CD Player

Engineered to meet the goal of reproducing the magic of a pure performance, the SA-14 is part of the Marantz Reference Series; the highest achievement of Marantz designers and engineers. The Marantz SA-14 Super Audio CD Player is based upon the Direct Stream Digital (DSD) information storage format. DSD ensures the highest quality in digital to analog conversion. The SA-14 is equipped with uniquely selected components - delivering the dynamics, depth and sonic accuracy of the original sound stage. It's all about experiencing music as the artist intended, with the purest, most realistic music for your environment.



SUPER AUDIO CD

DSD
Direct Stream Digital

Ultimate Music Reproduction

because music matters

Uncompromising Construction and Design

The Marantz SA-14 Super Audio CD Player utilizes solid alloy construction and a double layer steel bottom plate to dampen internal vibration and mechanically induced jitter. Along with alloy chassis panels and special shock-absorbent mounting feet, it achieves ultra-stable playback for a high-end performance. Internally, the SA-14 shines with extensive use of copper-shielding, bracing and a full floating laser mechanism with a die cast metal alloy housing and disc tray. It's precision-disc mechanism provides stable, glitch-free playback along with fast disc access. The impressive front panel is ergonomically designed with a distinctive round center window display, which can be turned on/off depending on personal preference.

Audiophile-Grade Components

Built to the highest standards, the SA-14 features extensive use of unique hand-selected internal components, like dual Crystal® semiconductor D/A converters, premium capacitors and a copper shielded super-ring toroidal main power transformer. The front panel FL display utilizes its own separate power transformer to totally isolate noise from the SA-14's internal circuitry.

Direct Stream Digital (DSD)

The SA-14 SACD player employs DSD technology to achieve an astonishing level of sonic accuracy. DSD ensures the highest quality in digital to analog conversion. The digital information is directly converted to analog information, without interference of digital filtering. It maximizes the benefits of two-channel ultra-high resolution SACD digital audio. With a sampling rate of 2.8224 MHz, the SACD format can deliver a frequency response from DC to 100,000 Hz and a dynamic range of 113 dB.

High Definition Amplifier Module (HDAM)

Uniquely developed by Marantz, the SA-14 houses two copper-shielded, fully discrete HDAM output stages with low noise independent components and short signal paths. Placed in a dual-differential configuration, they result in an extremely fast slew rate and exceptional dynamic range. They preserve the dynamic structure of music so that even vulnerable high frequencies are translated accurately, creating an effortlessly dynamic sound that's both expressive and detailed.

Convenience

Together with a full-function brushed aluminum remote control, this state-of-the-art Marantz product comes with a number of sensible convenience features like programming, play modes and SACD/CD/CD-R/CD-RW/DTS Audio playback. The SA-14 is equipped with balanced (XLR) outputs to reduce the risk of disturbance in the signal transportation from source to amplification (if connected to balanced inputs). Furthermore, optical and digital outputs are included for flexible playback and recording ability.

Hear it for yourself...

FEATURES

- SACD/CD/CD-R/CD-RW/ DTS Audio Playback
- Fast Disc Access
- Toroidal Transformer
- HDAM Output Buffer Amps
- D/A Converter x 2
- Current Feedback Circuitry
- Digital Servo Control
- D-BUS, External/Internal Switch
- FTD Display
- Display On/Off
- Random Play
- Program Play
- Repeat Play (one/all)

IN/OUTPUTS

Balanced Output	4.3v
Unbalanced Output (gold-plated)	2.2v
Digital Output (coaxial, gold-plated)	
Digital Out (optical, TOS Link)	

SPECIFICATIONS

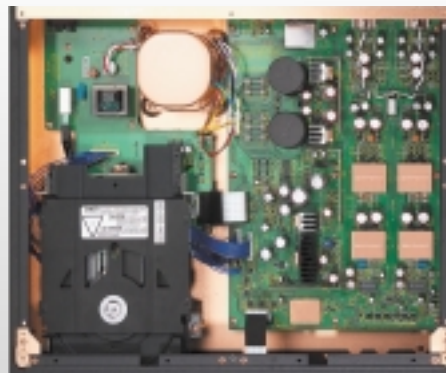
	SACD	CD
Sampling Frequency	2.8224 MHz	44.1 kHz
Dynamic Range	113 dB	100 dB
Channel Separation	107 dB	100dB
Frequency Range	2Hz - 100 kHz	2Hz - 20 kHz
Frequency Response	2Hz - 50 kHz (-3dB)	2Hz - 20 kHz
Total Harmonic Distortion (1 kHz)	0.0015%	0.002%
Signal To Noise Ratio	114 dB	114 dB

OPTICAL READOUT SYSTEM

Laser	AlGaAs	AlGaAs
Wave Length	650 NM	780 NM

GENERAL

Color	Black
Front Panel	Full-Metal Alloy
Remote Control	RC-14SA, 25-key Brushed Aluminum
Power Requirements	120 V, 50/60 Hz, 21 W
Dimensions	18 3/16" W x 4 9/16" H x 15 11/16" D 458mm x 110mm x 392mm
Weight	26 lbs. / 11.8 kg



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