



SA-12 Special Edition
Super Audio CD Player
with DAC



Special
Edition



The Pursuit of Perfection

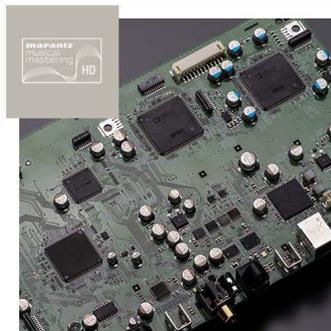
Marantz Special Editions are the Marantz way to celebrate the love of music that runs deep in the veins of Marantz sound masters and engineers, exhibited in the artistry and craftsmanship of those special components. The original SA-12 was solely created for the Japanese market, and quickly proved to be the next chosen one. European sound engineers combined it with achievements made developing the famous SA-KI Ruby, and thus the SA-12 Special Edition was born.

Disc Transport Mechanism

At the heart of the SA-12SE is an innovative SACDM-3 transport mechanism, engineered solely for the best possible performance when playing SA-CDs, CDs and music stored on data discs. This new mechanism promises exceptional sound quality from conventional CD and SA-CD discs and allows listeners to create their own high-resolution audio compilation discs using a computer DVD burner.

CDs, Super Audio CDs and Beyond

The SA-12SE is a fully functional digital-to-analogue converter for music stored on a home computer via USB-Band features optical and coaxial digital inputs for existing source components. These inputs support files up to 192kHz/24bit. The USB-B asynchronous input for direct connection with a computer is compatible with PCM and DXD music files at up to 384kHz/32bit, as well as DSD2.8MHz, DSD5.6MHz and DSD11.2MHz.



Marantz Musical Mastering

At the heart of digital audio in the SA-12SE lies DSD. PCM signals are up-converted to DSD at 11.2MHz using the proprietary MMM-Stream converter within the player. The high-frequency signal produced is processed by the unique MMM-Conversion stage, used in place of a conventional DAC, to produce the analogue output. As a result, the SA-12SE delivers a sound with vivid detail, effortless dynamics and remarkable presence.



High Current Power Supply

The power supply of the SA-12SE features a large high current toroidal power transformer with OFC (oxygen-free copper) secondary wires, along with high speed, high current Schottky Barrier Diodes in the rectifier stage for the purest DC voltage output. There are independent power supplies for the analogue and digital circuitry to reduce interference to a minimum.



The Most
Musical
Sound

Built to Perform

Like the complementary PM-12SE integrated amplifier, the SA-12SE Super Audio CD player is constructed to the highest standards, with a front panel made from thick, heavy, non-magnetic aluminum to eliminate interference. Single layer nickel-plated matching copper RCA terminals in the SA-12SE outperform the terminals of competitors and offer an exemplary listening experience.