



PM-15S2 - INTEGRATED AMPLIFIER



- 2x90 Wrms / 8 ohms Current Feedback Amplifier
- High Current Toroidal Transformer
- HDAM-SA2 & SA3 Modules and Customized Components
- CCF Phono Equalizer for MM / MC
- Power Amp Direct Input
- WBT Speaker Terminals
- Extra Heavy Bottom Plate
- Colours: Platinum and Gold
- Dimensions 440 x 444 x 123 (w x d x h in mm)
- Weight 18.5kg

SA-15S2 - STEREO SUPER AUDIO CD-PLAYER



- Precision SACD-M10 Mechanism with XYRON® Disc Tray
- Playback of SACD, CD, MP3 and WMA files
- Toroidal Transformer and Customized Components
- High Quality Audio Circuit featuring HDAM-SA2
- High Performance DAC CS4398 with filter options
- Digital input to operate as D/A converter
- High Quality Headphone Output
- Colours: Platinum and Gold
- Dimensions 440 x 419 x 123 (w x d x h in mm)
- Weight 13.5kg

marantz®



INTEGRATED STEREO AMPLIFIER & SACD PLAYER THE 15S2-SERIES



marantz®

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Marantz reserves the right to change the design and specification without notice.

because music matters



Welcome to the world of Premium quality

The Marantz Premium Range is adored by music lovers and admired by audiophiles throughout the world. That's because each and every unit has been exquisitely crafted with a passion for perfection and a genuine love of music. The result is an exclusive collection of premium-quality amplifiers and Super Audio CD players, whose top-class reproduction represent the quality benchmark against which all other music reproduction systems can be judged.

Not surprisingly then, they have been cited by many thought-leaders as being the best high-end audio products available anywhere.

But to ensure that the Premium Range maintains this benchmark reputation, Marantz continuously pushes the limits of technology, upgrading its systems with new technology and new thinking in audio design. Each unit uses only the best components available. And when the best is not good enough, Marantz works with the leading suppliers to innovate new improved components – which become exclusive to Marantz.

In this way the Marantz Premium Range continues to express the scale, timbre, pitch, dynamics, and the very essence of a recording. Causing adrenalin to pump and heartbeats to race. That's why it will continue to be adored by music lovers and admired by audiophiles throughout the world.

Because music matters

IT ALWAYS MANAGES TO SOUND SUPREMEY POISED AND PERFORMS THE DIFFICULT TRICK OF COPING WITH MUSICAL GEAR CHANGES SUPREMEY. HI-FI CHOICE





Marantz 15S2 Premium Range

The two latest additions to the Marantz Premium Range bring this unique intense-quality music reproduction closer to everyone. Now, more music lovers and more audiophiles can not only adore and admire but can fully immerse themselves in the power and the glory of pure acoustic emotion.

As the successors to the EISA award-winning PM-15S1 and SA-15S1, the new integrated amplifier PM-15S2 and the new SACD player SA-15S2 represent a new entry-level to the Marantz Premium Range. And although they look similar to their predecessors, inside it's different. Very different.

Everything inside has been rethought, redesigned and redeveloped. Moreover, Marantz has incorporated into these new 15S2s the same technologies and innovations that have driven the very pinnacle of the Marantz Premium Range – the Marantz Reference Series. Welcome to the world of sublime HiFi.



PM-15S2 INTEGRATED STEREO AMPLIFIER

The PM-15S2 uses the latest generation of Marantz-own HDAM modules and a Constant Current Feedback MM/MC phono stage, which is destined to entice vinyl fans into ecstasy. The heavy weight and very low impedance Toroidal transformer delivers fast high current values to instantly follow every dynamic and every detail of the music. One of the unit's many handy innovations is the Power Amp Direct Mode, which means you can use the PM15S2 as a pure power amplifier that can extend the performance of an AV-Receiver in multichannel set-up or, alternatively, you can use it for bi-amping. With rigid double layer chassis, aluminium front and side panels, and an additional bottom plate to minimize external noise, the PM-15S2 is as solid as it gets. It all adds up to an extraordinarily high quality stereo sound with fast bass and intricate details without being harsh or missing the balance from bass, midrange and high frequencies. Enjoy.



...ENGAGINGLY MUSICAL, DYNAMICALLY EXPRESSIVE AND WITH NO SHORTAGE OF JOIE DE VIVRE, IT'S A REAL HOOT TO LISTEN TO. HI-FI WORLD

SA-15S2 PREMIUM SUPER AUDIO CD PLAYER

The SA-15S2 also has a Toroidal transformer for cleaner, stronger power delivery. It includes a Marantz XYRON® mechanism SACD-M10 with solid aluminium housing, which supports even MP3 and WMA playback, but of course without sacrificing any sound quality from CDs or SACDs. The Cirrus Logic bitstream CS4398 DAC offers a choice of different digital filters. While the analogue output stage now makes use of the HDAM-SA2 module and specially selected component. In addition, the new digital input enables you to connect almost any digital source, which can now take advantage of the SA-15S2's premium-quality DAC and its superior audio output. It's great.

ADDITIONAL 15-SERIES PRODCUTS:



TT-15S1 Premium Turntable



ST-15S1 Premium DAB-FM Tuner



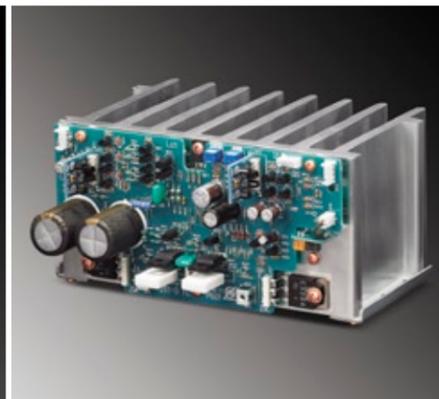
For the finest of sound

Many of the innovations that are now part of the new PM-15S2 and SA-15S2 were first developed for the Reference Series of Marantz systems. Thanks to our policy of continuous innovation, these world-class performers are now at the heart of our Premium systems.

Marantz carefully selects each and every component to perfectly fulfil the design specification. But in some cases these are simply not sufficient. That's when Marantz engineers work with top suppliers to create custom-made superior components.



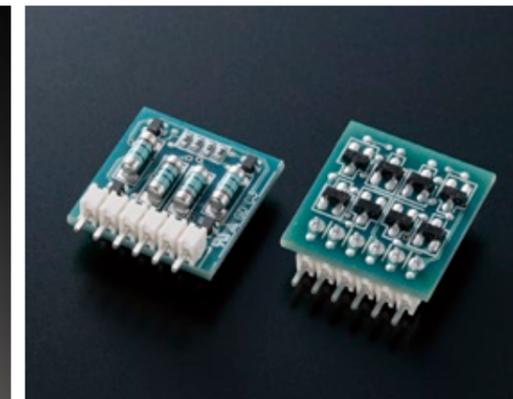
New oversized Toroidal Transformer



New Current Feedback Power Amplifier



New PM-15S2 Constant Current Feedback Phono Equalizer



New HDAM-SA3 Modules



New Marantz Original XYRON® Disc Tray and Precision Super Audio CD Drive



High Grade Components

EVERY DETAIL GUARANTEED

For both the PM-15S2 and the SA-15S2 Marantz engineers have applied oversized, high-efficiency Toroidal transformers and customized capacitors. This deliberate over-specification guarantees that enough power is available the very instant it is required - and that's important because any slight delay, or any minute shortfall results in lost detail. The oversized Toroidal transformer and customised capacitors in the amplifier ensure that power is always instantaneously available - even for the most demanding of loudspeakers. While in the player they deliver the "ultra-clean" power that is necessary for the sensitive audio stages, since lost details on the source side cannot be restored by the amplifier.

MARANTZ OWN CURRENT FEEDBACK AMPLIFICATION

Current Feedback amplification is a well-known, Marantz' original circuit technology. This technology is ideal for the high demands of Super Audio software, since it guarantees wide-bandwidth and high-speed reproduction.

The impedance at the Current Feedback point is limited resulting in a very low phase shift. Marantz CD players and amplifiers equipped with Current Feedback minimise the phase compensation via Negative FeedBack (NFB), resulting in high through-rate, excellent transient response and superb sonic transparency for the full bandwidth. Unlike conventional Voltage Feedback amplification, the Current Feedback amplification makes the power amplifier insensitive to difficult loudspeaker loads.

PERFECT FOR PHONO

Today vinyl is achieving new heights of popularity. That's why Marantz gave this medium special attention and applied a "Full Discrete Constant Current-Feedback (CCF) Phono Equalizer" for MM and MC systems - a technology that was originally developed for the SC-11S1. In conventional phono amplifiers Negative FeedBack (NFB) technology is used, but this needs to set different values for low and high frequency ranges to achieve the desired RIAA curve. This causes sound differences between the low and high frequency bands. Marantz CCF achieves the RIAA curve with Constant Current Feedback from the low to high frequency range, which eliminates these sound differences while simultaneously improving the high frequency linearity.

MORE SPEED LESS NOISE

Marantz develops its own discrete circuit boards to replace standard ICs. These 'HDAMs' have discrete surface-mounted components with short mirror image left and right signal paths. These fulfil the same requirements as regular operation amplifiers, but outperform them dramatically in terms of the Slew Rate (speed) and reduced noise level. This helps create a much more dynamic, accurate and detailed sound. Over the years Marantz has developed different types of HDAM to fit to the special requirements of a particular product. For the PM-15S2 we use HDAM-SA2 and HDAM-SA3, while the SA-15S2 uses the HDAM-SA2.

DISTORTION ELIMINATED

The SA-15S2 uses a SACD-M10 mechanism, which has a host of performance enhancing features. Firstly, its tray is constructed from XYRON® (PBO fibre), a next-generation super fibre which dramatically reduces disc vibration and resonance. Also, the surface structure minimizes light reflection to ensure undistorted data read out. In addition, everything is shielded by a thick aluminium cover to further reduce vibration and optimise audio output quality. And playability is extended to WMA and MP3 playback, but of course without sacrificing any of the audio quality of CDs and Super Audio CDs.

HIGH PERFORMANCE PARTS AND DAC

On paper an electrical component might look excellent but the result may fall short of the combined design expectations when it comes to musicality. That's why Marantz selects the appropriate components with great care, using its extensive experience in audio reproduction. For the SA player Marantz selected the audiophile DA converter CS4398, which can handle signals from SACD as well as from CD. Moreover, you can use this high quality DAC and the HDAM-SA2 equipped output stage for external sources such as CD drives, digital radios, music servers, PCs and network-clients all via the digital input that supports linear PCM signals up to 96kHz.