



**marantz®**  
LIFE AMPLIFIED™

*2007 Reference Catalog*



## *Pursuit of Perfect Accuracy.*

This has been the passion of the Marantz company since the days of Saul Marantz building units by hand over half a century ago. This commitment to the reproduction of sound has motivated us to produce some of the finest audio components in the history of consumer electronics. Desire has pushed us to stay at the forefront of the industry, to build the best of today, and the legends of tomorrow.

Marantz has enjoyed setting the benchmark for both Disc Players and Amplifiers, then as we listen and learn more, design and build even better to set the bar even higher. Case in point, the Legendary Marantz Model 9 mono block amplifiers, so awe inspiring, NASA utilized a version of them in the Apollo space program. As monolithic as the Model 9s were in their day, the current incantation, the MA-9S2s are beyond belief.

The MA-9S2s serve as the flagship to a full line of Marantz amplifiers and are so well engineered, with sound quality as well as reliability in mind, that the “Marantz Sound” has become the choice of music lovers of all budgets, on all continents.

As impressive as our amplifier history is, our disc player heritage is even greater. For starters, Marantz introduced the very first CD player to the world, the top loading CD-63. A few years later, Marantz again introduced a “first”, the CD-12. The CD-12 was the first two piece CD player in the US, so once again Marantz sets the benchmark. Some years later, continuing our desire to lead, and not forsake those music lovers on a budget, Marantz introduced the SA-8260, one of the least expensive players to ever reach popular magazines’ “Class A” recommendations.

Yet another benchmark in Marantz’s favor. In 2006, Marantz once again gave their engineering staff a dream assignment—build the world’s best SACD Player—again. The resulting SA-7S1 provided just that. With multiple innovations, the SA-7S1 is destined to become another Legend.

*Let Marantz build a legend for you.*

## Amplification

Marantz has demonstrated their love of music, engineering mastery, and desire to share the “Marantz sound” for well over 50 years. Saul Marantz amplifier designs were known the world over for their musical reproduction of sound, their reliability, and their aesthetics.

Now, perhaps more than at any point in the history of Marantz, the vision of Saul Marantz is being realized. Saul Marantz was, and still is highly revered around the globe, and especially in Japan’s audio community. Many of the engineers that worked with and came to know Saul now comprise a great deal of the Marantz design and engineering management teams. They strive to build audio equipment to not only their own high standards, but to Saul Marantz’s standards as well. Every new piece is considered a tribute to the legend.

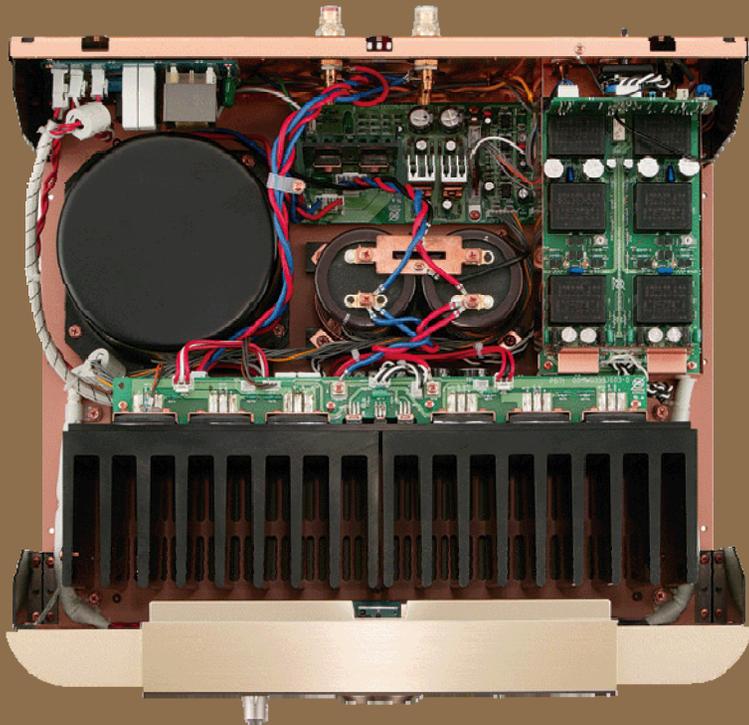
Listen to a Marantz Reference amplifier. Hear the dedication. Experience the passion.

All Marantz Reference amplifiers incorporate the following:

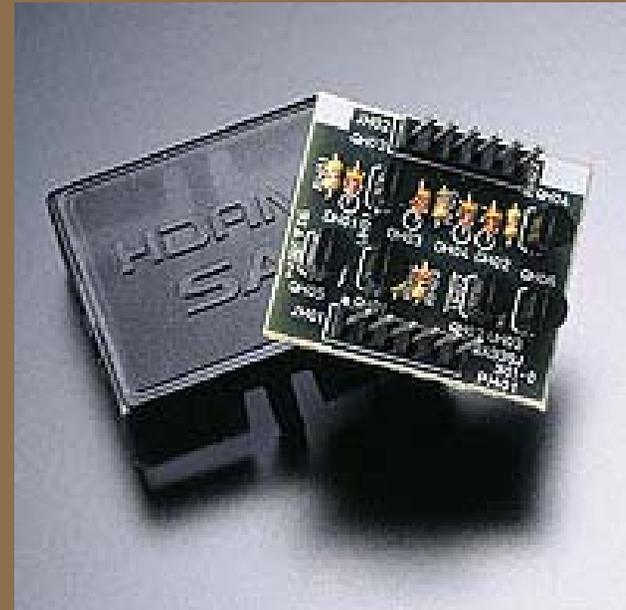
HDAM—High Definition Amplifier Modules—HDAMS take the place of the integrated circuit chip or op amp gain stages that many “high end” amplifiers implement. Replacing all these devices in the front stages of our amplifiers with hand selected discrete components are a primary factor in our success with amplifier technology, and the heart of “The Marantz Sound”

Linear volume control—All Control Amplifiers, and Integrated Amplifiers utilize highly accurate linear volume controls for optimum accuracy and minimal phase error.

Non resonant Chassis— All Marantz Reference employ dual bottom plates, most have a copper plated chassis as well. In addition to completing the chassis off in a beautiful finish, the chassis means more to Marantz product than just a pretty face. This combination of technologies shield the component from noise, as well as minimize vibration.



*MA-9S2*



*HDAM*

*Life Amplified*

## The MA-9S2

We began with the legendary Model 9. We improved that distinctive voice with the MA-9S1. Now we present the MA-9S2 as the latest step in our relentless pursuit of sonic accuracy. It defines new horizons in both musical performance and contemporary elegance. When you first see the MA-9S2, you'll be impressed with its clean yet purposeful look. The 35mm-thick aluminum chassis and double-layer bottom plate forms an extraordinary rigid structure. Copper plating isolates delicate internal circuitry from extraneous interference. Power output is 300 watts into 8 ohms, 600 watts into 4. The MA-9S2's current delivery prowess give it it's ability to absolutely control any loudspeaker. Although this "brute force" approach might be adequate for some, the MA-9 incorporates several advances designed to further improve sound quality. First, consider the power supply. The toroid power transformer benefits from a newly-developed "dual hemisphere" design with acoustical isolation augmented by silicon steel and a damped aluminum case. Shottky barrier diodes provide rectification for the voltage amplification stage to eliminate subtle ripples that can negatively impact overall clarity. Finally, the storage capacitor bank so important for the current amplification stage is 50% larger than before for even more superbly controlled bass response.

In addition to fully balanced differential topology, the MA-9 uses current feedback implemented with six HDAM-SA modules for faster response and lower noise. Flexibility is a key element in the MA-9S2's appeal, too. Three switchable inputs (two single ended, one balanced) complement the biwire-capable WBT speaker outputs. The high-precision power meter lets you keep tabs on the amplifier or you can switch it off completely for concentrated listening. All in all, this MA-9S2 is a textbook example of meticulous engineering. As did the original, this contemporary masterpiece redefines the art of audio amplification.



## SC-7S2

The SC-7S2 thoroughly updates the distinctive voice of the original Marantz Model 7 preamplifier and further improves on the acclaimed SC-7S1. This work of art defines new horizons in both musical performance and contemporary elegance. It is an enduring testament to the synergy of today's technologies with frequency response and channel separation far exceeding conventional requirements.

The SC-7S2 achieves these goals with a fully balanced current-feedback topology and a power supply based on an aluminum-encased toroid power transformer, Shottky barrier rectifier diodes, and low-ESR electrolytic storage capacitors for optimal power conditioning and distribution. Each input is fully buffered with Marantz-developed discrete circuitry for accurate signal transfer. Four Wolfson WM8816 high-precision multi-gang volume controls and 12 Marantz-proprietary HDAM-SA modules form an incredibly precise attenuation circuit fully capable of 0.5 dB resolution throughout its entire 100 dB range. Although the SC-7S2 is devoutly two-channel, it acknowledges multi-channel music with a floating bus (our F.C.B.S.) that allows you to control multiple units simultaneously for exciting multi-channel reproduction of any source.

The copper-plated aluminum chassis provides exceptional dimensional stability while copper and steel sub-members offer isolation from radio frequency (RF) and electromagnetic interferences (EMI). Adjustable muting and trim let you tailor the SC7S2 to your preferences. You can turn off the display to totally reduce potential distractions. Finish it off with a Marantz system remote control that lets you enjoy the SC7S2's exceptional performance from your favorite listening/viewing location.



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## PM-11S1

A stunningly functional combination of sonic excellence and aesthetic perfection, the PM-11S1 integrated amplifier serves both digital and analog sources for the most demanding connoisseur. The PM-11S1 fulfills the promise of no-compromise sound with the finest wideband sources as it preserves the simple yet elegant designs unique to Marantz for more than half a century. The PM-11S1's circuitry draws directly from the SC-7 preamplifier and MA-9 monoblock power amplifier. A toroidal transformer forms the heart of an extraordinary multi-segmented power supply. All inputs and outputs, including the MM/MC phono input, are buffered with Marantz's HDAM-SA modules to insure satinsmooth signal transfer. A precision volume control and WBT speaker terminals merely hint at further refinements. Additionally you can synchronize multiple PM-11S1s for the finest multi-channel music systems



## PM-15S1

Inspired by the already legendary SC-7/MA-9 combination and derived from the top class PM-11S1 we are proud to present the more affordable Marantz PM-15S1. Coupling impressive design with outstanding performance we feel our engineers have created a worthy successor to the PM-17. The amplifier is built according to the new Marantz premium design without any visible screws, a heavy double layer chassis and a slightly blue illuminated front panel. The 3-stage construction with full Current Feedback and with short, symmetrical signal paths, independent left and right heat sinks, and new HDAM-SA2 circuits ensure dynamic sound and perfect stereo imaging. Shortest signal path, best components, reduction of external noise will further extend the quality. Derived from the PM-11S1 we are using the electronic linear volume control WM8816 from Wolfson. The PM-15S1 reflects our engineers' passion for pure music, designed with the true audiophile in mind.



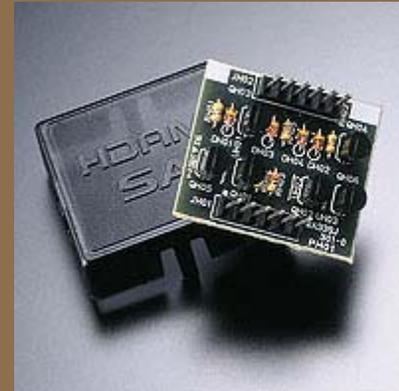
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## Source Components

Since the beginning of Compact Disc, Marantz has been a leader in digital source components. Marantz introduced the very first CD player ever, and has continued to be the benchmark against which all others are measured. Marantz was also at the forefront in Super Audio Compact Disc development and continues to support this top shelf format. All Marantz Reference disc players support 2 channel SACD as well as standard CD. Often noted for bringing out more in standard CDs, helping them sound more like SACDs, Marantz has meticulously focused on this segment for years and has developed numerous innovations and refinements. From the quality of our custom designed and built transports, to our use of grossly oversized power supplies, to our copper chassis and shielding, the Reference line of SACD players are truly second to none.

Reference SACD Players incorporate the following:

HDAM—High Definition Amplifier Modules—HDAMS take the place of the integrated circuit chip or op amp gain stages that many “high end” amplifiers implement. Replacing all these devices in the pre driver stages of our amplifiers with hand selected discrete components are a primary factor in our success in amplifier technology, and the heart of “The Marantz Sound”



To ensure optimum sound with the least amount of noise, Marantz uses magnecoupling to keep the analog and digital sections of the SA-7S1 completely isolated, without the use of jitter causing optocouplers.

### Toroidal Power Supplies

Nearly all Marantz Reference source components use over sized copper encased Toroidal power supplies. This allows tremendous amounts of current capabilities with minimal noise and outstanding stability



## SA-7S1

Although most people think of the Marantz heritage as one based on preamplifiers and power amplifiers, remember that Marantz was the first company in the world to announce a Compact Disc player! Since that groundbreaking event, Marantz has led the way in offering advanced digital playback with an unwavering focus on sound quality. The SA-7S1, unabashedly designed for the finest two-channel music reproduction possible, continues that tradition. Capable of playing CD, CD-R, CD-RW, and stereo SACD, the SA-7S1 combines several significant technical accomplishments to advance your musical enjoyment. The SA-7S1's circuitry is housed in a double-layer, copper shielded chassis for stability and thorough isolation from external radio frequency (RF) and electromagnetic (EM) interference. The rear panel is copper-plated steel. The segmented power supply includes a high-capacity toroid transformer entirely shielded by an aluminum shorting ring and a copper-plated case. This keeps magnetic radiation from affecting internal circuitry. Rectification is by Shottky barrier diodes while oversized storage capacitors are custom made to exacting Marantz specifications. The transport itself is an example of exceptional Marantz-designed metalcrafting. The mechanism sits in a 10mm extruded aluminum case while the disc drawer itself is cast to exacting tolerances. All servo operations and initial signal processing are performed by circuits mounted on a four layer glass epoxy board mounted close to the transport. A Marantz-developed digital filter/DC filter/noise shaper with user-selectable characteristics operates on entirely new algorithms to optimally process either PCM information from CD or a DSD data stream from SACD. These circuits are all controlled by a high-accuracy master clock for exceptionally low jitter. A unique Digital Isolator completely separates ground connections between digital and analog circuitry for optimal isolation. After this, two D/A converters, each composed a four separate processors, provide 24-bit resolution for both PCM and DSD signals. Analog circuitry follows the Marantz maxim of proven quality enhanced with the best contemporary technology. Fully balanced dual-differential circuits benefit from multiple HDAM modules in the critical I/V and low pass filter sections. The output buffer amps are HDAM-SA2 modules chosen for their outstanding speed and accuracy and bandwidth.

*The SA-7S1 is indeed a Reference. And indeed a Marantz.*



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## SA-11S1

The SA-11S1 is the ultimate music disc player. It helps fulfill the dream of every audiophile: A system that simply passes music from the artist's mind to the listener's ear. The heavy copper-plated chassis damps unwanted resonances while it shields internal circuits from destructive radio frequency and electromagnetic radiation. The resonance-free disc mechanism provides an ultra-stable platform for both disc and laser optical system. In addition to Marantz's proprietary HDAM-SA signal transfer modules, audio circuits boast custom-selected internal components chosen for their combined contribution to overall signal quality. Output filters, long the downfall of other supposedly "top shelf" players, are custom-configured and individually selectable for both SACD and conventional CD playback. The result? Sound from your treasured CDs approaches that of today's most advanced SACDs!



## SA-15S1

Enjoy reference quality CD playback or the full magnificence offered by the SACD format. The new SA-15S1 is the successor of the highly acclaimed CD-17 CD player. The cabinet is built in the new Marantz premium design without any visible screws, a heavy double layer chassis, a slightly blue illuminated front panel and noiseless LCD display. The quick and reliable working mechanism has a black surface to prevent any distortion of the laser light. The Crystal CS4397 D/A converter will handle the carefully read out digital data. For further sound improvements the CS4397 will be served with a high precision system clock to prevent any distortion from jitter. The output stage is built with current feedback topology and the HDAM modules offering a high bandwidth and fast signal handling needed for pure audiophile playback regardless the format.

Enjoy the extraordinary sound quality of this exquisite component from the Marantz 15-series.



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## *TT-15S1*

Analog recording is still very alive. Digital discs simply set new performance standards that modern turntable offerings must meet. Many cherished records may never be issued on digital formats. Reference turntables are now more important than ever. Marantz embraces an audiophile quality turntable with an AC synchronous motor, belt-drive system with a low-coloration tone arm to answer the need for a high performance source component for the analog record. The TT-15S1 features a low-resonance high-density acrylic chassis and platter, floating motor mount construction. You will also find a non-servo controlled type AC motor powering the belt drive system with an endless silicon belt. Add to this the TT-15S1's anodized aluminum straight tone arm with magnetic anti-skating and a high quality wood body MM phono cartridge, you will see and hear just how this turntable earns the name Marantz Reference.



## *What does the press say?*

### **Robert Harley – The Absolute Sound (SA-11S1)**

"The Marantz SA-11S1 is a perfect choice for those looking for true high-end performance from a mid-priced player."

### **Max Dudious – Positive Feedback online (MA-9S1 & SC-7S1)**

"If you have a quality system and feel the time is right to upgrade your front-end to a very high level, this is an ideal trio (you'll need one SC-7 and two MA-9s) that competes with all but the most expensive gear."

### **Lewis Lanese – Stereo Times (SA-11S1)**

If you are in the market for a truly hi-end, SACD/CD stereo player at relatively modest price, be sure to audition the Marantz SA-11S1. I have not heard all of the players out there, but I'm confident that reproduction of SACD on the Marantz can hold its own among (and in my humble opinion, probably better than) the few excellent units available – add to that, reproduction of Red Book CD playback just short of the best reference CD players.

### **Steve Guttenberg – Home Entertainment Magazine (SA-11S1 & PM-11S1)**

"The Reference's persuasive sound and refined elegance make for a mightily compelling package"

### **Robert Greene – The Absolute Sound (TT-15S1)**

"I do not see how one could ask for more at the price. I pulled out many a vinyl favorite with much satisfaction. You will too."

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*Marantz Reference – When your passion for music can be denied no longer*

\*All specifications, dimensions and weights are subject to change without notice.

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