

marantz®

Home
Theatre 2007



because music matters

Our philosophy

THE PHILOSOPHY BEHIND THE MARANTZ UNIQUE SOUND

Music is part of our everyday lives. Even in today's changing world where audio meets vision, music is still the defining ingredient. It brings emotion to vision and puts the passion into our experiences. For us, the realistic reproduction of music is the essential premise.

We know that true hi-fi is about being able to reproduce the magic of a performance – about experiencing music just as the artist intended, even in the cinema. It is music that delivers the ecstasy and agony of a film's story. To Marantz, perfect specifications and technical accomplishment count for nothing unless a product can unlock the power, the excitement and the emotion of music.

Our heritage of technical excellence means we can create components with the ability to communicate the scale, timbre, pitch and dynamics, in fact, the very essence of a recording.

Music is enchanting, and we strive to ensure that the carrier of the music looks and feels as good as it sounds. Every component produced is technically and cosmetically designed to complement the lifestyle of the listener. We pride ourselves on applying these principles to all of our products. Each and every one of our home entertainment components is capable of reproducing the purest, most realistic music in your home.

Because music matters

Our quality guarantee

MARANTZ AND POWER

Among the many components that contribute to overall sound quality, Marantz also focus on making amplifiers that really deliver on their rated power figures – many other manufacturers don't do this. The effect of using high quality power supplies across the range (not just the expensive models) is that each and every Marantz AV Receiver is capable of generating almost as much power when driving multiple amplifiers as it does in 2-channel stereo mode.



Marantz call this Guaranteed Multi-Channel Power. In fact Marantz even give a formal guarantee – the Full Channel Drive with (at least) 70% Power on tap – a type of guarantee rarely given in this industry. It means that the surround receiver will deliver a minimum of 70% of its rated power when all amplifiers are run. This compares with 50% or less for many non-Marantz surround receivers.

Marantz Digital Surround Receivers are designed to deliver the frequency response and sonic performance demanded by high-resolution sources like Super Audio CD and DVD-Audio. The extended dynamic range, with improved transparency, separation and imaging, creates a natural sound-stage. High quality amplifiers for each of the 7 channels ensure superb low-impedance driving capability with comprehensive dynamic reserve. The result is consistently powerful delivery during even the loudest, most dynamic passages of the music or movie soundtrack.

The stability of Marantz amplification and the resulting superior sound is attested to by test-winning Awards and rave reviews from around the world

Our awards



Marantz consistently receives major audio and video awards from around the world, a testament to the Marantz obsession with sound quality. This year alone, we have received four major awards for our audio components, including two for our AV Receivers, the SR-9600 and SR-4001.

A selection of previous awards feature on the back cover of this catalogue

Marantz SR- 4001 AV Receivers \$1, 000-\$ 2,000
Marantz SR- 9600 AV Receivers over \$4,000



Our heritage

1950's – AN IDEA. A BASEMENT. A PRODUCT. A COMPANY.

The World of Home Entertainment would never be the same



More than any other person, Saul Marantz defined premium home entertainment. Driven by his passion for music and his accomplishments as a classical guitarist – accomplishments that led to a close friendship with Andres Segovia – he was never satisfied with the 'hi fi' equipment of his day. So he built better; first in his basement, later in a factory. His talent for industrial design and his ability to infuse talented engineers like Sidney Smith and others with his vision resulted in legendary products. The Model 7 preamplifier. The Model 8 and, soon after, the 8B power amplifier. And insured that his company would remain a premiere name in the industry he helped establish

1960's – THE TRADITION CONTINUES. THE VISION GROWS.

New Models expand musical horizons for many



The Model 9 'monoblock' power amplifier found a home in many audiophile systems. And NASA decided that a modified version called the 9120 was stable enough to merit use in tracking stations around the world as part of the Apollo space program. The Model 10B FM tuner, cited by many as the most accurate and best sounding tuner of all time, soon followed. The decade also saw two other significant Marantz moves; a physical one from New York to California, and an electronic one from tubes to transistors

1970's – MARANTZ QUALITY REACHES EVERYONE.

The most successful Receiver line in Consumer Electronics history. Tens of thousands of customers revel in the sound of Marantz



For almost a decade, the justifiably famous '2200' receivers introduced uncounted thousands of sound-conscious people to the vivid, enveloping, and musically accurate Marantz sound. And separate components weren't forgotten either as Marantz, benefiting from new financial backing and new production facilities in Japan, produced a growing roster of preamplifiers, power amplifiers, integrated amps, tuners, turntables, and speakers. This was a decade of intense growth and expansion, fuelled by imaginative product development and demanding quality standards. Marantz quality goes unquestioned. In 1974, customer Francisco Espina writes Marantz detailing the survival of his Marantz 2270 during a fire in the building he lives in. Out of curiosity he plugs his now crispy 2270 in and amazingly it sounds perfect

1980's – THE DAWN OF DIGITAL AUDIO FINDS MARANTZ LEADING THE INDUSTRY ONCE AGAIN.

Laser Disc and CD Players are in demand.



In 1983, consumer digital audio became a reality in North America. And Marantz's CD-63, the first publicly announced CD player, led the way. This ground breaking development was soon followed by the appearance of the CD-12, the world's first two-piece CD player. Announcement of the CD-63, led the way. was there at the very beginning. Marantz also becomes involved with video for the first time with the CDV-780 Laserdisc player

1990's – MARANTZ MOVES INTO AUDIO/VIDEO

Honours its past with replicas of the original Model 7 and Model 9. Saul Marantz moves on to even higher fidelity



Marantz entered the '90s with the energy and dedication that came from restored corporate unity. We moved into audio/video with the introduction of the SM-80, our first THX-certified amplifier in 1992 and the critically-acclaimed SR-96 THX-certified receiver four years later. The '90s also saw the VP-8770, the first Marantz LCD video front projector, and the PD-4280, the first of our much-praised plasma monitor series. Sadly, we – and the industry – lost Saul Marantz

2000 – THE DAWN OF A NEW ERA.

High Definition Digital Audio takes centre stage and the new Reference series relights the Marantz passion for excellence



The Super Audio CD came to life as the SA-1 SACD player and other new Reference Series components provided a concrete example of Marantz's continuing dedication to sonic superiority. On the AV front, an upgraded series of finely-crafted surround sound receivers and DVD players exhibited engineering inspiration gained from decades of effort and tradition. And, thanks to determined efforts to extract the most from contemporary technologies like DLP projection and plasma monitors, Marantz's video reputation grew almost as quickly as did its legendary audio prestige a half century earlier.

What's next? Most certainly the promise of quality and excellence as only Marantz can deliver



AUDYSSEY

Audyssey is an acoustic measurement technology which equalises the acoustic distortion caused by the acoustic behaviour of a room. When you experience Audyssey equalisation, a cloudy layer is lifted away, leaving only clear, accurate, natural sound. Voices and dialog become focused and intelligible. Musical balance is restored. Musical instruments and sound effects become precisely localised. Surround soundstage is made seamless and enveloping. And the best at least, everything will be done fully automatically with a high quality microphone and a sophisticated audio processing technology started via the setup menu of the AV Receiver



COPPER-PLATED CHASSIS

A copper-plated chassis provides the best shielding against noise or electromagnetic distortion radiating from other components in the equipment. It prevents this noise from being amplified together with the audio signal

CURRENT FEEDBACK

Current Feedback amplification is a well known, Marantz' original circuit technology. The Current Feedback amplifier technology fits perfectly with the high requirements set for Super Audio software providing wide-bandwidth, high-speed reproduction. The impedance at the Current Feedback point is limited resulting in a very low phase shift. Marantz receivers and amplifiers equipped with Current Feedback can keep the phase compensation via Negative FeedBack (NFB) to a minimum, 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 in-sensitive to difficult loudspeaker loads

DAC

Digital-to-analog converter. Circuitry that converts digital data (such as audio or video) to analog data



D-Bus

To optimise equipment in terms of ease of use, Marantz has designed the D-Bus system. Received remote control commands are communicated via this bus. This enables equipment without an IR Receiver like tuners or hidden system together with an external IR eye to be controlled via the Marantz System Remote Controller

DCDi

The DCDi (Directional Correlation De-interlacing) circuit improves the video image by using new motion adaptive de-interlacing without introducing motion artifacts and jagged edges. This circuit provides edge and detail enhancement without the deleterious side effects. These chipsets have been chosen for their 10-bit processing of video images as well as their incredible flexibility



DC-TRIGGER

A DC trigger is an assignable voltage output which can automatically control for example an electrical projection screen, lowering it when the DVD input is chosen on the receiver



DivX

DivX is a video compression tool developed to exchange film content via the internet. With a DivX certified DVD player it is easily to take digital video from the computer and play it back on the normal TV at almost DVD quality. Thanks to DivX technology's superior compression, hours of DVD-quality video can be saved on a single CD. The latest improved version is called DivX 6.0. The new DivX offers enhanced multimedia and interactive features such as subtitling, DVD-esque video menus and chapter points. Video files created in the new format are handily identified by a new file extension, divx. Please check capability per product in the specification section

DOLBY DIGITAL EX (DD EX)

Dolby Digital EX brings a dimension of depth, spacious ambience and sound localisation to home theatre environment. The benefits of DD-EX include more realistic flyover and fly-around effects from an additional rear centre speaker (6.1), providing a more stable image for atmospheres and music and a more consistent surround effect throughout the auditorium or home viewing area

DOLBY HEADPHONE

Dolby Headphone technology allows users to listen to music, watch movies, or play video games with the dramatic surround effects of a 5.1-channel soundtrack through any set of headphones. Best of all, 'listener fatigue', a phenomenon commonly associated with headphone playback, is replaced by a spacious, natural sound field that listeners can enjoy for hours

DOLBY PRO LOGIC IIX

Dolby Pro Logic IIX is a complete surround sound solution that maximises the entertainment experience from stereo as well as 5.1-channel encoded sources. Dolby Pro Logic IIX technology features Movie and Music modes that function with 5.1 as well as stereo sources, including 24-bit / 192 kHz and 24-bit / 96 kHz sources. Dolby Pro Logic IIX technology delivers a natural and immersing 7.1-channel listening experience to the home theater environment

DTS ES 96 / 24 Neo6

The DTS-ES surround system offers a superb sound quality and a range of formats. The Discrete 6.1 offers the ultimate quality of surround field creation, while the Matrix 6.1 provides compatibility for the existing DTS 5.1 software. And the Neo6 is to create 6.1 surround stage from any two channel source. DTS 96 / 24 allows for 5.1 channel sound track encoding at a rate of 96 kHz / 24 bits on DVD-Video titles. Higher sampling rates provide greater bit depth and allow a wider frequency response. In conjunction with the use of anti-alias and reconstruction filters DTS 94 / 24 results in a more transparent sound quality equivalent to the original soundtrack and is fully backwards compatible at the same time

DVD-AUDIO

DVD-Audio is a music format that takes advantage of the high storage capacity of the DVD to present high quality audio up to six channel. For six channel amplification, DVD-Audio provides the possibility to have 24 bit-96 kHz audio information for all six channels, which results in an increased dynamic range (144 dB) and an increased frequency range (0-96 kHz). In a two channel amplification, DVD-Audio expands the limit of the sampling rate to 192 kHz



HDMI CONVERSION

Video conversion from analogue level to the digital level for output via HDMI offers ease of use and best digital picture quality for each source material. A one to one analogue to digital conversion might cause some problems in daily use, because interlace video signals like 576i will be outputted as 576i digital, but some today's TV sets can't understand this signal. To avoid problems an IP-processing is applied, changing the signal from interlace to progressive – 576p



HDMI CONVERSION WITH IP PROCESSING

Video conversion from analogue level to the digital level for output via HDMI offers ease of use and best digital picture quality for each source material. A one to one analogue to digital conversion might cause some problems in daily use, because interlace video signals like 576i will be outputted as 576i digital, but some today's TV sets can't understand this signal. To avoid problems an IP-processing is applied, changing the signal from interlace to progressive – 576p

HIGH-DEFINITION MULTIMEDIA INTERFACE (HDMI)

HDMI combines high-definition video and superb audio in a single digital interface with a bandwidth of up to 5 Gigabits/ second. HDMI1.0 complies with High-bandwidth Digital Content Protection (HDCP) technology protecting high-value content from unauthorised reproduction and distribution. HDMI1.0 is the only interface in consumer electronics that can carry both high-definition video and multi-channel audio e.g. Dolby Digital and DTS) in all HD formats, including 720p, 1080i and even the upcoming 1080p. With only a single cable connection all information can be digitally transmitted. The HDMI1.1 is able to transport the high resolution DVD-A data as well. With HDMI1.2 the transmission of high resolution stereo and multichannel information of SACD completes the portfolio

HYPER DYNAMIC AMPLIFIER MODULES (HDAM)

Marantz developed its own discrete circuit boards to replace the IC's. These HDAM's consists of discrete surface mount components with short mirror image L/R signal paths. Those devices are doing exactly the same thing as the Op-Amps, but outperform the regular IC Op-amps dramatically in terms of the Slew Rate, resulting in a much more dynamic, accurate and detailed sound

IEEE1394

The IEEE 1394 easy-to-use and high-speed bus easily handles multimedia bandwidth requirements and provides an universal interface for a variety of devices. This digital connection ensures that digital data streams of high resolution formats like SA-CD and DVD-A, are transferred without changing the integrity of the digital signal for both multichannel and stereo

IR-FLASHER

The IR-Flasher In is a standardised connection to control the AV system by external IR receivers independent of the infra red control format used. On the IR-Flasher out a IR Emitter can be connected to controlled third brand components. The third connection link to this is the IR-Receiver input which is similar to the IR-Flasher In, but it outputs a voltage to feet an external IR-Receiver eye. Please check capability per product in the specification section



LIP SYNC

The digital processing and scaling of video displays can create a slight delay in the video signal. This delay makes audio tracks appear out of sync. Using sound delay (Lip Sync) you can slow the sound presentation to match the presentation of the video

MARANTZ ROOM ACOUSTIC CALIBRATION (MRAC)

Based on our room acoustics knowledge and expertise already shown in products like the AX1000, the Marantz Room Acoustic Calibration (MRAC) was developed. The algorithms developed are derived from this amazing AV computer developed more than a decade ago. Taking into account reflections from walls, ceiling and floor and knowledge about psycho-acoustics, MRAC optimises the sound for the room acoustics. With a supplied microphone placed on your listening position, a powerful DSP analyses accurately and sets the sound configuration for your listening room. MRAC can tests and controls speaker configuration, trim, distance / delay and frequency response

MULTI ROOM / MULTI SOURCE

With the Marantz AV system placed in the main room of the house, a second or even a third loud-speaker set can be placed in two separate rooms. In those rooms an audio and even a video source can be selected independently from the main room at a different sound level and with full remote control functionality

NSV

NSV Precision Video is used for very high-quality picture reproduction. This technology allows video images to be displayed at resolutions and lower effective signal to noise ratios well beyond that which would be expected from the data converter by making use of the latest technological advances. The improvement takes place in parallel with the simultaneous move to support more and more higher definition video standards including Progressive Scan and HDTV

O.R.C.A FILTER

Marantz engineers developed a colour correction filter called ORCA (the Optical Reproduction of Colour Accuracy), which filters out the excess yellow, creating a very neutral white light that passes through the colour wheel. This results in the most accurate colour palette ever achieved in a video projector and has been balanced to meet the HD colour space (ITU-RBT709). This is an industry first and a Marantz exclusive!

PROGRESSIVE SCAN

Compared to a conventional interlaced picture, progressive scanning creates a picture signal with double the scan lines, resulting in a noticeably sharper image. The progressive image offers higher picture resolution and eliminates virtually all motion artifacts. Even on large screens, the progressive scan lines are barely noticeable and picture flickering is greatly reduced, so you can enjoy extended viewing without eye fatigue

RS-232C

The RS-232C is a communication port direct to the micro processor of the device. It is possible to control the component and get status feedback via this connection without any visual contact and even offers a way to update the system software if needed

SRS CIRCLE SURROUND II

Circle Surround II is a powerful and versatile multi-channel technology designed to enable up to 6.1 multi-channel surround-sound playback from mono, stereo, CS encoded sources and other matrix encoded sources. CS-II places the listener 'inside' the music performances and dramatically improves the separation and image positioning of both hi-fi audio conventional surround-encoded video material, adding a heightened sense of realism

SUPER AUDIO CD

Super Audio CD (SACD) is a next generation of music format that provides a more natural, ultra-high quality sound. It offers a smooth migration path to a higher quality sound, as all existing CDs can be played on the SACD player. Super Audio CD is based on the Direct Stream Digital (DSD) technology, which uses 1 bit delta-sigma modulation and a sampling frequency that is 64 times higher than that of the CD. This enables the Super Audio CD to offer a frequency range up to 100 kHz and a dynamic range of 120 dB

SUPER-RING TRANSFORMER

Super-Ring transformer has the same advantage with a toroidal transformer such as high efficiency, stability, and speed. In addition the super ring transformer outperforms the toroidal transformer on certain aspects. Thanks to its round shape of the core, the super ring transformer's electro-magnetic radiation and mechanical vibration are extremely low

THX ULTRA2

THX Ultra2 incorporates two additional processing technologies: Advanced Speaker Array (A.S.A.) and Boundary Gain Compensation (B.G.C.). ASA is a proprietary of THX technology which processes the sound fed into 2 surround and 2 surround back speakers to provide the optimum in enveloping surround sound reproduction. When placing the 2 surround back speakers close to each other and build your home theatre setup using 8 speakers, ASA will create the largest possible sweet spot in your surround sound field. Boundary Gain Compensation provides an optimised bass balance in case the listening room layout results in most of the listeners being seated close to the rear wall. This technology prevents a 'boomy' bass yet processes the appropriate bass reinforcement

THX Select

THX Select technology delivers all the proprietary THX Home Theater features that reproduce accurate and stirring soundtrack audio – in a system optimised for smaller spaces (home environments of 2000 cubic feet or less). Offering this technology in mid-priced products that delivery top-quality sound, THX Select combines audio power and integrity with superior economic value

THX Surround EX

THX Surround EX is the home version of this latest advance in hyper-realistic sound technology. Available exclusively in THX-licensed 'Ultra' and 'Select' series products, THX Surround EX decodes a back surround signal from the left and right surround channels on specially encoded DVD movie releases. Unlike products offering '6.1' channel decoding schemes, only select THX Certified components adhere to superior performance specifications through redirecting bass energy in the Surround back channels to the subwoofer, ensuring optimum bass performance, requiring Re-Equalisation™ of the Surround back channels to match characteristics of the front and left / right surround channels and synchronising the Surround Back Left and Surround Back Right speakers in time and position relative to the listener, providing a seamless surround sound experience. The same technical standards for Surround back channels are maintained for Left and Right channel surround, eliminating compromise in channel separation, noise, headroom, bandwidth and decoding accuracy

TRUE HD 1080P

1080p is the short name for a category of video modes. The number 1080 stands for 1080 lines of vertical resolution, while the letter p stands for progressive scan or non-interlaced. 1080p is the resolution possible for HDTV. The term usually assumes a widescreen aspect ratio of 16:9, implying a horizontal (display) resolution of 1920 lines and a frame resolution of 1920 x 1080 or over two million pixels. 1080p is the digital standard for filming digital motion pictures. Directors such as George Lucas (in Star Wars: Episode III) shoot their digital films in this high definition mode to be shown in theatres equipped with 1080p digital projectors. The new projector VP-11S1 applies the latest DLP chip from TI featuring the resolution of 1920x1080, not to miss any pixel of information

TOROIDAL TRANSFORMER

Toroidal transformer has several advantages over a normal EI core transformer. It is very efficient and therefore delivers more power compared to the same size of an EI core transformer. In addition, due to its shape, the electromagnetic radiation and the mechanical vibration are extremely low

VIDEO CONVERSION

It can up convert the Composite signal to S-Video/Component and S-Video to Component, as well as down convert from S-Video to composite (the component signal is not down converted). This feature allows you to connect any source via a single component. In order to avoid synchronisation the high quality video converter is equipped with digital video processing consisting of for example: 4H line memory, time based corrector, a triple 10-bit DAC, filed locking, VCR detection and anti aliasing filtering

VISUAL EXCELLENCE PROCESSING

Gennum's VXP offers stunning image quality by applying the most advanced image processing techniques to all SD, HD and graphics signals including content adaptive de-interlacing of HDTV 1080i signals. The internal adaptive de-interlacer sets a new standard for motion processing, film mode detection and dynamic directional edge processing. With its 10-bit signal path and high precision processing, VXP enables the newest generation of display technologies to fully utilise their ability to display 10-bit grey-scales and colours. Additional Broadcast quality algorithms that include adaptive noise reduction and detail enhancement remove unwanted noise while improving image detail for an uncompromised, cinematic High Definition experience



Heart *and* Soul

The 2007 range of Marantz AV products combine high quality reproduction with the latest in high-tech features. Which means that whatever media you play, with Marantz you are assured the highest of high fidelity. You are also assured of the latest features. For example, MRAC / Audyssey technology will automate set-up and correct room acoustics with equaliser functions.

Other features include adjustable cross-over settings, HDMI's, and a special video conversion that enables an easy single-cable connection between receiver and TV.

Also, any source equipment can be connected to the receiver, whether it is simple video, s-video or component signal. On the higher-end models, from SR-6001 up, these signals will even be converted to progressive signals and as a digital video signal via HDMI. And, as you would expect, everything is fully compatible with our wide range of DVD players. What's more, because each complete system is made of separate components, you can customise your system exactly as you want.

Exactly what your eyes and your ears deserve





SR-8001

THX-SELECT 7.1 AV RECEIVER



With superior audio performance and state-of-the-art features, the Marantz SR-8001 takes you on a journey of passion and enjoyment in both music and movies. Known as the 'AV Receiver for the Audiophile', the SR-8001's improved sound quality, especially apparent in music, is thanks to hand-picked components utilised in its manufacture. 125 W of continuous THX-certified power in each of its seven Current Feedback amplifiers is generated by a huge Toroidal Power Supply, known for its stability even when reproducing the most demanding dynamics. To preserve the purity of the signal, an anti-interference copper-plated chassis is incorporated, resulting in greatly improved aural characteristics.

In its capacity as the heart of a surround sound system, the THX Select2 SR-8001 delights with an array of the latest generation of digital surround decoding technology. Sound is optimised for the room with built-in Room Calibration, by Audyssey. Finally, HDMI digital video switching capability with I/P conversion ensures that the highest video quality is activated when required

- THX Select2 certified Current Feedback AV-Receiver delivering **7 x 125 Watts**
- **Toroidal transformer, copper-plated chassis and customised components**
- Room Acoustic Calibration with EQ by Audyssey for one touch speaker setup
- 32-bit DSP with THX Surround EX, DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- Dolby Headphone and Dolby Virtual Speaker II
- 4 in / 2 out HDMI switching / repeating for digital audio and video
- High grade video conversion with line memory up to HDMI
- Interlace-Progressive conversion for analogue to HDMI converted video signals
- **Dual Multi-Room / Multi-Source for audio and video (up to component level)** with OSD
- Surround Back for Multi-Room assignable
- Speaker C function for real bi-amping of front channel in 5.1 setup
- 192 kHz / 24-bit D/A converters on all channels
- Pure direct mode and Video off mode for best analogue sound
- Sound delay function to sync audio and video
- RS-232C port, Flasher in IR Flasher out, IR receiver in and DC triggers for system integration
- Function rename for customisation
- RC-1400A learnable system remote control with macro functions and backlight

Note: Product features highlighted in blue indicate improvements over SR-7001 model

SR-8001



SR-7001

THX-SELECT 7.1 AV RECEIVER



Performance addicted? The Marantz SR-7001 has full THX Select2 certification and 110 Watts of continuous power per channel (yes, 110 Watts from each of its seven current-feedback amplifiers!).

Let's look at video capabilities first. You can connect up to four HDMI equipped sources to the SR-7001. Direct the one you want to your display and to the SR-7001's built-in surround sound processor. Unlike earlier HDMI connections, these handle Multi-Channel sound with ease. Still enjoying non-HDMI sources? Rest easy. The SR-7001 comes complete with format conversion lets you watch older videos through the super-convenient HDMI format. And there's a Second Zone audio/video output, too, so you can enjoy your entertainment throughout your entire home.

You'll also find Dolby Virtual Speaker so you can enjoy an immersive surround experience with the dialog clarity inherent in a discrete centre channel configuration with just two speakers!

And, speaking of clarity, the SR-7001 features Audyssey's remarkable Auto Calibration that examines your entire room to correct for the acoustical problems that are unfortunately present in most rooms. Of course, there's an infrared input and two DC trigger outputs so you can coordinate your entire system for convenient remote operation.

You won't have any problem fitting all this capability into your home either. We've housed the SR-7001 in a new, compact chassis that will fit more easily into even the tightest spaces

- **THX Select2 certified** Current Feedback AV-Receiver delivering **7 x 110 Watts**
- Room Acoustic Calibration with EQ by Audyssey for one touch speaker setup
- **32-bit DSP with THX Surround EX, DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx**
- Dolby Headphone and Dolby Virtual Speaker II
- **4 in / 1 out** HDMI switching / repeating for digital audio and video
- High grade video conversion with line memory up to HDMI
- Interlace-Progressive conversion for analogue to HDMI converted video signals
- Multi-Room / Multi-Source for audio **and video with OSD**
- Surround Back for Multi-Room assignable
- Speaker C function for real bi-amping of front channel in 5.1 setup
- 192 kHz / 24-bit D/A converters on all channels
- Pure direct mode and Video off mode for best analogue sound
- Sound delay function to sync audio and video
- RS-232c port, IR flasher inputs and DC triggers for system integration
- **Function rename for customisation**
- **RC-1400A learnable system remote control with macro functions and backlight**

Note: Product features highlighted in blue indicate improvements over SR-6001 model

SR-7001





SR-6001

7.1 AV RECEIVER



This is a full featured Home Theatre Receiver with 100 Watts of Current Feedback Amplification in each of its seven channels. The SR-6001 features HD Component Video switching, and Video up-conversion from a Composite Video signal right up to HDMI if needed. Enjoy music and video in a second area at home with easy to use Multi-Room functionality. The SR-6001 is equipped with two HDMI (v1.2) (Repeating) inputs. Audyssey Auto Calibration, an IR Flasher Input and 2 DC Trigger Outputs makes integration and setting up your new SR-6001 a breeze

- Full discrete wide range **Current Feedback amplifiers** delivering 7 x 100 Watts
- **Room Acoustic Calibration with EQ by Audyssey** for one touch speaker setup
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- Dolby Headphone and Dolby Virtual Speaker II
- HDMI video switching / repeating for digital audio and video
- High grade video conversion with line memory **up to HDMI**
- **Interlace-Progressive conversion for analogue to HDMI converted video signals**
- Multi-Room / Multi-Source for audio
- Surround Back for Multi-Room assignable
- **Speaker C function for real bi-amping of front channel in 5.1 setup**
- **Four Component Video inputs**
- 192 kHz / 24-bit D/A converters on all channels
- Pure direct mode **and Video off mode** for best analogue sound
- Sound delay function to sync audio and video
- RS-232C port, IR flasher inputs and DC triggers for system integration
- RDS tuner with **60 random presets**
- Learnable and pre-programmed system remote control with backlight

Note: Product features highlighted in blue indicate improvements over SR-5001 model



SR-5001

7.1 AV RECEIVER



The Marantz SR-5001 makes the upgrade path easy. You don't have to settle for 'commodity-grade' performance any longer. Instead, you'll find advanced HDMI connectors and switching for your favourite AV sources. Take advantage of HDMI's digital-quality performance and the single-cable connection convenience! For conventional display devices, the SR-5001 boasts two component video outputs so you can still enjoy exceptional picture quality. And there's an 'upconverter' (or 'transcoder') that takes outputs from legacy video sources and improves them for enjoyment on today's monitors. A Lip Sync adjustment makes sure that you hear dialog exactly when your eyes say you should – not with that unnatural delay you can experience with less-capable products. There's a second zone audio output that lets you hear a different source in another area. And you can enjoy that convenience in mono or stereo, depending on the number of speakers you have in that bedroom, den, or kitchen.

Of course, there's an infrared input and a DC trigger output so you can use the SR-5001 in a custom-configured system. And we haven't forgotten space either. The new, shallow chassis goes almost anywhere. And makes this Marantz even easier to enjoy

- Full discrete wide range **amplifiers** delivering 7 x 90 Watts
- OSD menu and Easy Setup guide-function for comfortable use
- Ease of use due to front panel cursor control
- HDMI video switching / repeating for digital audio and video
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- HT-EQ (Cinema equalisation) and Dolby Headphone
- **Video conversion up to component level**
- Pure direct mode for best audio performance
- 192 kHz / 24-bit D/A converters on all channels
- Adjustable cross-over settings for optimised performance of speakers and subwoofer
- **Sound delay function to sync audio and video**
- **Multi-Room / Multi-Source for audio, pre out and multi speaker mode**
- **RS-232C, IR Flasher port and DC trigger for system integration**
- **Two Component Video outputs**
- Learnable and pre-programmed system remote control with backlight

Note: Product features highlighted in blue indicate improvements over SR-4001 model



SR-6001



SR-5001



SR-4001 AMP/AV RECEIVER OF THE YEAR \$1,000-\$2,000

7.1 AV RECEIVER WITH HDMI



The award-winning 'Best AV Receiver' SR-4001 is equipped with HDMI connectivity. HDMI is the high definition audio/video (or 'multi-media') interface that lets you connect a DVD player, for example, to a processor or receiver with just one cable. And then use just one more cable to get all that information to your TV screen. The SR-4001 will even switch inputs, so you can select one or the other HDMI-equipped source.

The Marantz SR-4001 represents an outstanding combination of home theatre receiver performance, features and flexibility along with renowned Marantz sound quality. It's the ultimate choice for a wide variety of high performance home theatre systems, offering compatibility with Dolby Digital, Dolby Pro Logic II and DTS decoding. Experience the true excitement of a movie soundtrack through 192 kHz / 24-bit audio D/A conversion.

- Full discrete wide range amplifiers delivering **7 x 80 Watts**
- **OSD menu** and Easy Setup guide-function
- Ease of use due to front panel cursor control
- **HDMI video switching / repeating for digital audio and video**
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- **HT-EQ (Cinema equalisation) and Dolby Headphone**
- Simple video conversion up to component level (**S-Video to Component**)
- Surround Back amplifier useable as speaker B in 5.1 setup
- 192 kHz / 24-bit D/A converters on all channels
- Pure direct mode for best analogue audio
- Adjustable cross-over settings for optimised performance of speakers and subwoofer
- **Front panel connections include S-Video and digital input**
- D-Bus for system integration
- **Learnable** and pre-programmed system remote control with backlight
- **3 Component Video inputs**

Note: Product features highlighted in blue indicate improvements over SR-3001 model



SR-4001



SR-3001

7.1 AV RECEIVER



The new SR-3001 takes over from the award-winning SR-4500. Many of the features are shared, including full 7.1 channel capability. Each of the 7 built-in amplifiers produces 70 W RMS.

You'll enjoy Dolby Digital EX and DTS ES soundtracks thanks to 32-bit processing. Other surround formats include Dolby Pro Logic IIx, DTS Neo:6, and SRS Circle Surround II. Advanced 192 kHz / 24-bit D/A converters mean you'll hear everything with total accuracy.

Connectivity? Extensive. There's a battery of audio and video inputs and outputs. Full Composite to S-Video conversion, too, for optimal picture clarity. Want audiophile performance? Pure Direct mode will further enhance the listening experience. Other features include a unique Simple Setup so you can enjoy your system quickly and effortlessly.

The AM / FM tuner has 50 custom-name presets. The SRS TruSurround headphone output means you can be surrounded without disturbing anyone.

- Full discrete wide range amplifiers delivering 7 x 70 Watts
- Easy Setup guide-function for uncomplicated installation
- Ease of use due to front panel cursor control
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- HDCD compatible
- SRS TruSurround XT Headphone
- Component video switching
- Surround Back amplifier useable as speaker B in 5.1 setup
- 192 kHz / 24-bit D/A converters on all channels
- Pure direct mode for best analogue audio
- Adjustable cross-over settings for optimised performance of speakers and subwoofer
- Pre-programmed system remote control
- Video conversion (up to S-Video)



SR-3001



The wonder of *sound and vision*

With DVDs you get twice as much picture detail than a VCR, and a third more than a television alone – which is great for picture quality.

But DVD technology really excels when it comes to sound, the DVD is superior to any other video related sound, offering 6-channel Dolby Digital or other Digital Theatre Sound surround sound. And Marantz engineers are committed to ensuring you enjoy every bit of it, in fact unlike other DVD players, Marantz players reproduce a remarkably high-quality sound from CDs, making them a truly universal piece of your entertainment system



DV-9600

UNIVERSAL DVD PLAYER



The DV-9600 is designed with carefully chosen internal components. It supports DVD, DVD-A, SACD (stereo and multi-channel), CD, CD-R, CD-RW, VCD 2.0, SVCD, and MP3! With true DSD processing for SACD. A dual-transformer power supply and multi-channel audio processing includes unique high current HDAM modules mounted on a separate circuit board for extra isolation and the transport mechanism is highly damped to minimise tracking problems that can affect both audio and video. The DV-9600 includes a 216 MHz / 12-bit video processor. NSV (Noise Shaping Video) technology is used to reduce video noise and improve picture quality. There's a customisable start-up screen, parental controls, and an HDMI video output.

- Video / Audio processing
- Superb 216 MHz / 12-bit video DAC
- Noise Shaping Video (NSV) technology
- HDMI for digital video and digital Multi-Channel audio
- First player to offer RS-232C port for system integration
- RGB normalisation
- 10 bit Interlaced video processing
- Chroma error correction
- Extended video adjustment
- Lip Sync / adjustable delay
- i-link (IEEE1394) for PC connection
- Flow rate control
- 192 kHz / 24-bit audio DAC with 192 kHz / 24-bit on all channels
- Superb 192 kHz / 24-bit digital-to-analogue converter
- High grade audio components
- Customised analogue audio board with customised components
- Separate circuitries for pure signal handling
- Telephone set

DV-7600

UNIVERSAL DVD PLAYER



The DV-7600 combines audio expertise with advanced video circuitry to satisfy the most avid home entertainment enthusiast. It handles DVD, DVD-A, SACD (stereo and multi-channel), CD, CD-R, CD-RW, VCD 2.0, SVCD, and MP3! With true DSD processing for SACD. Video circuitry includes a 216 MHz / 12-bit D/A converter supplemented by the separate 10-bit progressive processor. NSV (Noise Shaping Video) adds detail and dimensionality. Adjustable Lip Sync insures that sound and image blend perfectly. The DV7600 benefits from Marantz's proprietary HDAM® audio circuits. There's adjustable-delay bass management. A double-layered chassis bottom plate controls micro-vibrations that could affect both audio and video. Enhanced connectivity includes simultaneous HDMI, Component, S-Video, and Composite video outputs. Analog audio outputs include both 5.1 and stereo supplemented with coaxial or optical digital. Adding flexibility and extra control to custom-installations, there are features such as discrete on / off command codes, D-Bus and RS-232 connections.

- High quality playback of SACD, DVD-A and DVD-V
- Compatible with SVCD, CD, WMA, MP3, JPEG and DVD-R / RW
- High definition video scaling
- PAL / NTSC progressive scan
- 216 MHz / 12-bit video DAC and Noise Shaped Video
- High Definition Multimedia Interface (HDMI)
- Marantz Hyper Dynamic Amplifier Modules (HDAM)
- DD and DTS decoding
- Sound delay function (Lip Sync)
- High grade audio components
- 192 kHz / 24-bit DAC for all 6 channels
- RS-232C port for system integration
- High quality Scart and Component Video outputs
- See technical specifications for rear panel view

Note: Product features highlighted in blue indicate improvements over DV-6001 model



DV-6001

UNIVERSAL DVD PLAYER



Quality universal players are difficult to find. But the DV-6001 combines universality and quality in a uniquely Marantz fashion. It handles movie DVD, DVD-A, SACD, conventional music CD, recordable CD-R / -RW, VCD 2.0 discs, MP3 and WMA audio discs, even JPEG picture discs and DivX movie files! The Marantz DV-6001 includes internal Dolby Digital and DTS decoders. Six 192 kHz / 24-bit digital-to-analogue converters make everything sound exceptionally lifelike. Shut off the DV-6001's video circuitry completely for the purest audio signal path possible. Internal bass management circuits route DVD-A and SACD audio channels directly to the proper speakers. Video technology includes advanced 3:2 pulldown circuitry and wide bandwidth video D/A converters for exceptional picture quality. Composite, S-Video, and component outputs? Progressive scan? Of course! Conveniences include advanced on-screen display, parental controls, front panel menu operation, and a hand-contoured remote. Connectivity options include a variety of audio and video outputs, including the latest version HDMI output

- High quality playback of SACD, CD, DVD-A and DVD-V discs
- Compatible with SVCD, DivX, WMA, MP3, JPEG, DVD-R/RW and +R/RW
- New 216 MHz / 12-bit video DAC for finest video signal resolution
- HDMI for digital video and digital Multi-Channel audio
- High definition video scaling on HDMI from 480p up to 1080p
- Faroudja video processing for PAL and NTSC progressive scan
- Noise Shaped Video technology for sharp and detailed pictures
- Extended video adjustment for personal set up
- Video buffer for seamless playback
- DD, DTS and Dolby Pro Logic II decoding
- 192 kHz / 24-bit DAC for all 6 channels
- Video on / off for best audio
- New design with solid metal front panel and double bottom plate
- Bi-directional RS-232C and Flasher-In port for system integration
- Dedicated remote control and D-Bus

Note: Product features highlighted in blue indicate improvements over DV-4001 model





SR-4021

STEREO RECEIVER



This stereo receiver is built to the highest standards and expertly finished. Incredible attention to detail and no compromise construction ensures they faithfully capture the excitement and emotion of your kind of music. The SR-4021 is the pure high performance stereo receiver, with an RDS tuner with FM/AM reception, 30 random presets and a powerful 2 x 80 Watt stereo amplifier at its heart. The phono MM preamplifier makes it easy to connect a turntable. Its extensive AV switching capabilities and the speaker A/B feature make it a true centre piece of your stereo system. The metal chassis and solid metal front panel provide a rigid base for high quality performance

- 2 x 80 Watts (8 Ohm RMS) power amplification
- RDS FM/AM tuner with 30 random presets
- Solid metal front panel and rigid chassis construction
- Symmetric circuit architecture
- Separate solid heatsinks
- Tone control and Source Direct function
- Pre-output and main-input for upgrade possibilities
- Eight audio inputs including Phono (MM)
- Video switching via three audio / video inputs and a monitor output
- Sleep and timer function
- Speaker A/B
- Flasher In for system integration (direct connection to RX-7001)
- System remote control and Marantz D-Bus



SR-4320

STEREO RECEIVER



The Marantz SR-4320 Stereo Receiver is a full-featured stereo control centre that combines exceptional sound quality with a host of performance and convenience features including remote control operation. The SR-4320 includes seven audio inputs including phono to accommodate a variety of music sources, and features a fully discrete amplifier section for clear and powerful sonic performance. This versatile unit can also function in high quality multi-zone installations

- 2 x 80 Watts (8 Ohm RMS)
- Heavy-duty power amplifier
- Video output for VCR and Monitor Out
- Video inputs for DSS, VCR and DVD
- Speaker A and B outputs – A, B, A+B, OFF
- Preamp outputs / Main-In inputs
- Full function remote control
- D-Bus connections with Discrete IR command
- See technical specifications for rear panel view



CC-4001

CD CHANGER



With a five-disc carousel, fully programmable playback plus random, repeat and scan modes, the CC-4001 CD changer provides endless combinations of non-stop music. Its multi-read drive plays CD-R, CD-RW and MP3 discs, as well as conventional CD's. The CC-4001 features Digital Servo Drive for accurate reading and fast track access. Both Coaxial digital and optical outputs are provided for making digital recordings. A 1-bit DAC with 8-times oversampling preserves audio purity. The D-Bus takes care of synchronised recording in a Marantz system, while a built-in RS-232C port and discrete coding enable system control

- Five disc CD changer with fast disc access
- Compatible with CD and CD-R/RW discs
- MP3 playability
- Multi-bit D/A conversion via CS4392 DAC
- Thick aluminium front panel
- Stable low resonance mechanism mounted on solid metal chassis
- Headphone output with adjustable volume
- Digital coaxial and optical outputs
- Auto Music Scan
- Random and program play
- RS-232C and Flasher In ports for system integration
- Dedicated remote with direct disc access and Marantz D-Bus



CC-4300

CD CHANGER



The CC-4300's five-disc carousel mechanism guarantees endless music without the bother of having to change discs. It plays CD-R and CD-RW, as well as offering a variety of random and repeat modes for optimum flexibility with your music. Both coaxial and optical outputs are provided, as is the Marantz D-Bus system to make the CC-4300 an easy addition to any system

- 1-bit 8 times oversampling
- Reliable high quality mechanism
- Random and repeat modes
- D-Bus
- RS-232C port



SD-4051

DUAL CASSETTE DECK



The auto-reverse twin-deck design allows continuous play and record from one loaded tape to another. Profiled combination heads and anti-resonant front panel ensure faithful reproduction by the SD-4051 with wide dynamic range and minimal wow and flutter. Peak level read-out, fine bias tuning and synchro start of tape and CD ensure accurate and professional style home recordings

- Twin auto reverse cassette deck
- Super-hard permalloy heads
- Automatic tape selector
- Dolby B and HX Pro
- MPX filter
- High-speed dubbing
- One touch recording
- Fine bias tuning possibility
- Synchronised recording with Marantz CD players
- Pitch control
- Marantz D-Bus for synchrony recording only
- IR-receiver built in



TT-42

TURNTABLE

- Full automatic turntable system
- Low noise design direct coupled DC servo motor
- Belt-drive system
- Low coloration tone arm
- Full floating chassis
- Full automatic end-of-side arm lift
- Manual start and cue control
- Two speed selection
- Ready fitted MM cartridge
- Tone arm support with arm lock
- Transparent dust cover
- Available as standard 'TT-42' or as 'TT-42PA' (features Pre-Amp for direct connection to an AV Receiver)



The picture of *partnership*

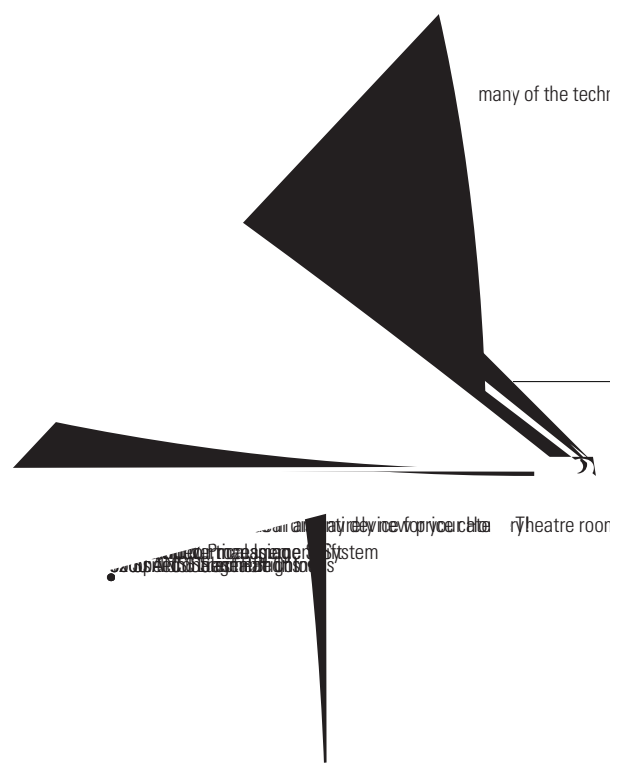
Thanks to our close co-operation with Genum and Texas Instruments, Marantz is the first company to fully utilise TI's super-advanced 2 million pixel DLP® Chip. So for the first time ever it is now possible to fully immerse yourself in a true high definition DLP® video experience: an amazing 1920 x 1080 pixels. This represents a major engineering breakthrough, one that can be immediately appreciated once you see the breathtaking picture.





RS-032

many of the techr



many of the techr
many of the techr
many of the techr



Complete *control*

Programmable touch screens, direct access hard buttons, and universal learning technologies. Marantz remote controls enable you to control your audiovisual enjoyment from anywhere in your home. Make the finest of adjustments, and store your personal settings via intuitive interfaces, or program the hand held devices via your PC, to give yourself complete quality control of your premium audio visual experiences



As home theatre systems become increasing complex, it is not uncommon to have a confusing array of remote controls littering your coffee table.

This is where Marantz has the ultimate solution



RC-9500

PROGRAMMABLE TOUCH SCREEN SYSTEM CONTROLLER



The ultimate solution in remote controls...Full colour customisable remote control with virtually Limitless Number of Devices, Macros, Panels and Buttons. The best of the best. Get up to date upgrades and downloads directly from the Marantz web site!

- Large colour touch screen LCD display with 64K colours
- 16 Mb non-volatile memory
- IR / RF transmission capability (RF with optional RX-77 RF extender unit)
- 100% editable screen
- Direct access hardbuttons and cursor control
- Macro programming possibility under any button
- Device and page menu
- Clock and date indication with clock timer
- Transparent graphics and blending possibility
- Dedicated edit software (Wizz.it 9)
- PCF file format with CCF conversion possibility (via Wizz.it 9)
- USB communication port for PC connectivity



RC-1400

UNIVERSAL LEARNING SYSTEM CONTROLLER



- LCD read out display
- Multiple display pages and functions with editable labels
- Programmable direct access hard buttons and cursor control
- Macro functionality with a large command capacity
- Clock and timer function
- Ergonomic design
- IR carries frequency from 14 kHz up to 70 kHz
- Blue EL back lighting for LCD and hard buttons
- Pre-programmed with Marantz IR codes
- Build-in universal IR code database
- Clone possibility



RC-5400

PROGRAMMABLE TOUCH SCREEN SYSTEM CONTROLLER



- Large monochrome touch screen LCD display with 16 greyscale levels
- 8 Mb non-volatile memory
- IR / RF transmission capability (RF with optional RX-77 RF extender unit)
- Programmable direct access hardbuttons and cursor control
- Macro programming possibility under any button
- Device and page menu
- 100% Editable screen
- Dedicated edit software (Wizz.it)
- Clock and date indication
- Transparent graphics for easy background integration
- PCF file format with CCF conversion possibility (via Wizz.it)
- USB communication port for PC connectivity



RX-7001

RF EXTENDER

The RX-7001 RF extender converts an RF (Radio Frequency) signal into an IR signal, allowing a RC-5400 or RC-9500 to be used in a Multi-Room configuration – or where the Home Theatre Components are concealed or not in line of sight

- Radio frequency works through walls and from other rooms
- Quick and easy set-up
- Adjustable antenna to reliably position RF extender
- Indicator detecting interference sources to an RF signal

An iPod docking station with *universal appeal*



IS-201

DOCKING STATION FOR IPOD



- Docking station for iPod
- Compatible with iPod nano, iPod video, iPod mini, iPod photo and iPod (10 Gb, 15 Gb, 20 Gb, 30 Gb, 40 Gb, 60 Gb)
- S-Video out and stereo audio out
- Creates own OSD information on TV set for ease of use
- Connection module separate from dock to alleviate cable clutter
- Dock can be wall-mounted or placed on a shelf
- iPod charges while docking; power adaptor included
- Ease of use with dedicated remote control
- Full controllability via Marantz learning remote (IR codes on Marantz website)
- Multi-connectivity: RC-5 remote in / out; flasher in (RX-7001); RS232
- Built-in infra-red (IR) receiver so can be used as IR repeater for Multi-Room or custom installations



AV Receivers

	SR-9000	SR-8000	SR-7000	SR-6000	SR-5000	SR-4000	SR-3000
MULTICHANNEL SURROUND							
THX Ultra II / Select II	•/•	-/•	-/•	-/•	-/•	-/•	-/•
THX Surround EX	•	•	•	•	•	•	•
DTS 5.1 / DTS ES / DTS 96/24	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•
Dolby Digital / Dolby Digital EX / DPL / DPL II / DPL IIX	•/•/•/•/•	•/•/•/•/•	•/•/•/•/•	•/•/•/•/•	•/•/•/•/•	•/•/•/•/•	•/•/•/•/•
Circle Surround II	•	•	•	•	•	•	•
Virtual Surround / Multi-Channel Stereo	•/•	•(Dolby VS)/•	•(Dolby VS)/•	•(Dolby VS)/•	•/•	•/•	•/•
HT-EQ / Re-EQ	-/•	-/•	-/•	•/•	•/•	•/•	•/•
Headphone Surround	Dolby Headphone	Dolby Headphone	Dolby Headphone	Dolby Headphone	Dolby Headphone	Dolby Headphone	TruSurround Headphone
SOUND ENHANCEMENTS							
Current Feedback Topology	•	•	•	•	-	-	-
Pure Direct	•	•	•	•	•	•	•
Power Transformer: Super Ring / Toroidal / EI	-/•/•	-/•/•	-/•/•	-/•/•	-/•/•	-/•/•	-/•/•
High Grade Audio Components	•	•	•	•	•	•	•
Chassis: (Die-cast / Copper-plated / Metal)	-/•/•	-/•/•	-/•/•	-/•/•	-/•/•	-/•/•	-/•/•
OTHERS							
Auto setup by MIC and room acoustic calibration	MIRAC advanced	Audyssey MultEQ	Audyssey MultEQ	Audyssey MultEQ	-	-	-
Easy setup	-	-	-	-	•	•	•
Front panel cursor control	•	•	•	•	•	•	•
On Screen Display: Main / Multi-Room	•/•	•/•	•/•	•/•	•/•	•/•	-/•
Variable cross over	•	8	8	8	5	5	•
Lip Sync control	•	•	•	•	•	•	•
Video conversion	• (CVBS <> S > Comp)	• (CVBS <> S <> Comp >HDMI)	• (CVBS <> S <> Comp >HDMI)	• (CVBS <> S <> Comp >HDMI)	• (CVBS <> S <> Comp >HDMI)	• (S > Comp)	• (CVBS > S)
T. B. C. – time base correction	•	•	•	•	-	-	-
HDMI: video switching	•	•	•	•	•	•	-
HDMI: up-conversion	-	•	•	•	-	-	-
HDMI: IP conversion	-	•	•	•	-	-	-
Multi-Room zones	2	2	1	1	1	-	-
Speaker A/B	•	•	•	•	•	-	-
Bi-amp drive (5.1 ch setting) / Speaker C	•/•	•/•	•/•	•/•	•/•	-/•	-/•
Tuner	2	1	1	1	1	1	1
Auto TV Switching (On / Off)	•	•	•	•	•	•	-
Discrete RC coding (Main- / Multi-Room)	•/•	•/•	•/•	•/•	•/•	-/•	-/•
RS-232C (Control / Update)	•/•	•/•	•/•	•/•	•/•	-/•	-/•
VIDEO							
Composite In / Out	7/3	4/3	4/3	4/2	4/2	4/2	4/3
S-Video In / Out	7/3	4/3	4/3	4/2	4/2	4/2	2/2
Component In / Out	4/2	4/2	4/2	4/2	3/2	3/1	2/1
HDMI In / Out (version x.x)	2/1	4/2(V1.2)	4/1(V1.2)	2/1(V1.2)	2/1 (1.1)	2/1 (1.1)	-/•
Multi-Room Video Out: CVBS / S-Video / Component	•/•/•	•/•/•	•/•/•	-/•/•	-/•/•	-/•/•	-/•/•
AUDIO							
Analogue In / Out	9/3	6/4	6/4	6/4	7/3	7/3	7/4
Digital Optical In / Out	5/1	3/1	3/1	3/1	3/1	2/1	1/•
Digital Coaxial In / Out	4/1	3/1	3/1	2/1	2/1	2/1	2/•
IEEE 1394 – Firewire – i-Link	2	-	-	-	-	-	-
Multi-Room Audio Out	2	2	1	1	1	-	-
Pre Out / Main In (7.1ch)	•/7	•/•	•/•	•/•	•/•	•/•	-/•
Multi-Channel in	•	•	•	•	•	•	•
OTHER							
Speaker Terminal: Gold-plated screw / regular screw (all)	•/•	-/•	-/•	-/•	-/•	-/•	-/•
Multi-Room Speaker Terminal	•	•	•	•	•	-	-
Multi-Room D-Bus In / Out	•	•	•	•	-	-	-
D-Bus In / Out	•	•	•	•	•	•	•
IR Receiver In / Emitter Out	1/4	1/2	-/•	-/•	-/•	-/•	-/•
IR Flasher In	1	1	1	1	1	-	-
RS-232C	•	•	•	•	•	-	-
DC Triggers	4	2	2	1	1	-	-
Front Inputs: Audio / Composite / S-Video / Digital (opt)	•/•/•/•	•/•/•/•	•/•/•/•	•/•/•/•	•/•/•/•	•/•/•/•	-/•/•/•
iPod Input (Direct / Docking Station)	-/•	-/•	-/•	-/•	-/•	-/•	-/•
SPECIFICATIONS							
AUDIO SECTION							
Power Output (8/4 Ohm RMS)	140/- W	125/- W	110/- W	100/- W	90/- W	80/- W	70/- W
Signal to Noise Ratio	105 dB	105 dB	105 dB	105 dB	105 dB	105 dB	105 dB
D/A Converter	CS439X	CS4382A	CS4382A	CS4382A	CS4382A	CS4382A	CS4242B
Digital Signal Processor	CS49500 (& other)	TMS320DA708	TMS320DA708	TMS320DA708	CS494003	CS494003	CS494003
TUNER SECTION FM							
Frequency Range	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz	87.5 - 108.00 MHz
Signal to Noise Ratio (Mono / Stereo)	76 /72 dB	75/70 dB	75/70 dB	75/70 dB	75/70 dB	75/70 dB	75/70 dB
VIDEO SECTION							
Input level / impedance	1 Vp-p / 75 ohm	1 Vp-p / 75 ohm	1 Vp-p / 75 ohm	1 Vp-p / 75 ohm	1 Vp-p / 75 ohm	1 Vp-p / 75 ohm	1 Vp-p / 75 ohm
Component frequency response	5 to 100 MHz	5 to 80 MHz	5 to 80 MHz	5 to 80 MHz	5 to 80 MHz	5 to 80 MHz	5 to 80 MHz
GENERAL							
Available colours: Silver / Black	•/•	•/•	•/•	•/•	•/•	•/•	•/•
Metal Front Panel	•	•	•	•	•	•	•
System Remote Control	improved RC-3200	RC-8001SR	RC-8001SR	RC-5001SR	RC-5001SR	RC-5001SR	RC-5500SR
Pre-programmed / Learnable / Touch Screen	-/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•	•/•/•
Power Consumption	720 W	620 W	620 W	620 W	600 W	500 W	300 W
Detachable Power Cable	•	•	•	•	•	•	-
Maximum Dimensions (W x D x H)	440 x 483 x 218 mm	440 x 396 x 184 mm	440 x 396 x 184 mm	440 x 396 x 184 mm	440 x 384 x 160 mm	440 x 384 x 160 mm	440 x 384 x 160 mm
Weight	26.0 kg	15.0 kg	15.0 kg	15.0 kg	12.3 kg	11.4 kg	11.1 kg

Multi-CD

	CC-4000	CC-4300
FEATURES		
Disc Capacity	5	5
CD Compatibility:		
CD / CD-R/RW / SA-CD / WMA / MP3	•/•/•/•	•/•/•/•
SA-CD compatibility: Multi-Channel / Stereo	-/•	-/•
CD-Text / SA-CD Text	-/•	-/•
High Grade Audio Components	•	-
Customised Components	-	-
Symmetric circuit layout	-	-
System block shielding: Copper / Metal / none	-	-
Power Transformer: Super-Ring / Toroidal / EI	-/•/•	-/•/•
HDAM: Standard / SA / Current Feedback	-/•/•	-/•/•
HDAM cover:		
Gold-plated / Copper-plated / Metal / no shield	-/•/•	-/•/•
CCNE	-	-
Shottky diodes	-	-
Relay muting	-	-
Selectable filter: CD / SA-CD	-/•	-/•
Noise shaper (On / Off)	-	-
DC filter (On / Off)	-	-
Zero Impedance Matching joint (Copper)	-	-
Separated rectifier circuit for analogue and digital circuitry	-	-
Digital out circuit off	-	-
Display: Dimmer / Off	•/•	-/•
Variable Analogue Output	-	-
Current Feedback headphone circuitry	-	-
Low Noise LCD display	-	-
Chassis: Die-cast / Copper-plated / Metal	-/•/•	-/•/•
Double layer bottom plate	-	-
RS-232C (Control / Update)	•/•	•/•
PLAYBACK		
Program Play	32	32
Auto Music Scan (AMS)	•	-
Repeat: Track / Program / A-B	•/•/•	•/•/•
Random Play	•	•
Index Search	-	•
Peak Search	-	-
Edit Recording	-	•
Sync Recording	-	•
Pitch Control	-	-
Start Sound Mode for SA-CD	-	-
Quick Replay	-	-
INPUTS / OUTPUTS		
Analogue Out (Cinch)	2ch	2ch
Balanced Out	-	-
Digital Optical Out	1	1
Digital Coaxial Out	1	1
Gold-plated Cinch	•	-
D-Bus In / Out	•	•
RS-232C	•	•
Headphone Out	•	•
Headphone Volume Control	•	•
SPECIFICATIONS		
Mechanism	KSS-213CCM	N/A
Decoder	CXD3068Q	BA5979S
D/A Conversion	Multi-bit, Delta-Sigma	SM5882
DAC IC	CS4392	N/A
Digital Filter	CS4392	N/A
Noise Shaper	CS4392	N/A
Low Pass Filter stage	NJM2068	N/A
Output Buffer	-	-
SA-CD AUDIO		
Frequency Response (Cust.)	-	-
Dynamic Range (SA)	-	-
Signal to Noise Ratio (SA)	-	-
Tot al Harmonic Distortion (SA)	-	-
Channel Separation (SA)	-	-
CDDA AUDIO		
Frequency Response	20 Hz - 20 KHz	20 Hz - 20 KHz
Dynamic Range	100 dB	> 92 dB
Signal to Noise Ratio	100 dB	> 90 dB
Tot al Harmonic Distortion	0.002	0.004
Channel Separation	110 dB	90 dB
GENERAL		
Available colours:		
Platinum / Gold / Silver / Black	-/•/•	-/•/•
Metal Front Panel	•	-
Remote Control	RC-4001CC	RC-4300CC
Power Consumption	19 W	12 W
Detachable Power Cable	•	-
Maximum Dimensions (W x D x H)	440 x 404 x 114 mm	440 x 395 x 111 mm
Weight	6.9 kg	6.0 kg

DVD Players

	DV-9600	DV-7600	DV-6001	DV-4001
MULTICHANNEL SURROUND				
Decoder: DD / DTS / MPEG / DTS96/24 / DVD-A / SACD	●/●/●/●/●	●/●/●/●	●/●/●/●/●	●/●/●/●/●
Virtual surround	●	-/●/●/●	●	●
Headphone surround	Dolby Headphone	-	-	-
AUDIO / VIDEO ENHANCEMENTS				
Pal 60 Conversion	●	●	●	●
Progressive Scan: PAL / NTSC	●/●	●/●	●/●	●/●
Video Scaling on HDMI: 480i / 480p / 576i / 576p / 720p / 1080i / 1080P	●/●/●/●/●/●/●	-/●/●/●/●/●/●/●	-/●/●/●/●/●/●/●	-/●/●/●/●/●/●/●
CD Compatibility: CD / CD-R/RW / HDCD / SA-CD / WMA / MP3 / DivX	●/●/●/●/●/●	●/●/●/●/●/●	●/●/●/●/●/●	●/●/●/●/●/●
VCD Compatibility: VCD / VCD 2.0 / SVCD	●/●/●	●/●/●	●/●/●	●/●/●
DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW (video) / DVD+R/RW / DivX	●/●/●/●/●/●	●/●/●/●/●/●	●/●/●/●/●/●	●/●/●/●/●/●
Image Disc Compatibility: JPEG / Picture CD	●/●	●/●	●/●	●/●
HDAM: Standard / SA / Current Feedback	●/●/●	●/●/●	-/●/●	-/●/●
HDAM cover: Gold-plated / Copper-plated / Metal / no shield	-/●/●/●	-/●/●/●	-/●/●/●	-/●/●/●
Audio exclusive mode	●	●	●	●
Display On / Off	●	●	●(AudioEX)	●(AudioEX)
Dedicated High Grade Audio Power Supply	●	-	-	-
Power Transformer: Toroidal / EI	-/●	-/●	-/●	-/●
High Grade Audio Components	●	●	●	●
Customised Components	●	●	●	●
Copper Plated Chassis	-	-	-	-
System block shielding: Copper-plated / Metal / none	-/●/●	-/●/●	-/●/●	-/●/●
Chassis : Die-cast / Copper-plated / Metal	-/●/●	-/●/●	-/●/●	-/●/●
Double Layer Bottom Plate	●	●	●	●
OTHERS				
HDMI video adjustments	●	●	●	●
Selectable HDMI output level (Normal / Expand)	●	●	●	●
Analogue Video Adjustment	●	-	●	●
Auto Aspect Ratio	●	-	●	●
Film mode detection (Auto1 / Auto2 / Auto3 / Video1 / Video2 / Video3)	●/●/●/●/●/●	-/●/●/●/●/●/●	TBA	TBA
Selectable Filters for SA-CD	-	●	-	-
Bass-Management (SA-CD / DVD-A)	●/●	-	●/●	-/●
Lip Sync control	●	●	●	●
External sync control	-	●	-	-
Multi Language OSD	●	●	●	●
Multi-Channel Down Mix:				
MPEG2 / DD / DTS / DVD Audio / SA-CD	●/●/●/●/●	●/●/●/●/●	●/●/●/●/●	●/●/●/●/●
RS-232C (Control / Update)	●/●	●/●	●/●	●/●
INPUTS / OUTPUTS				
VIDEO				
Composite Out	2	2	1	1
S-Video Out	1	1	1	1
Component Out	1	1	1	1
Gold-plated Cinch (Video)	●	●	-	-
Scart (RGB)	1	- (compatible via HDMI)	1	1
HDMI (version x.x)	1.1	1.1	1.1	1.0
AUDIO				
Scart	1	1	1	1
Analogue Out (Cinch)	2	2	1	1
Multi-Channel out (5.1)	●	●	●	-
Gold-plated Cinch	●	1/●	-	-
Digital Coaxial Out	1	1/●	1	1
Digital Optical Out	1	●	-	-
IEEE 1394 - Firewire - i-Link	●	-	-	-
OTHER				
D-Bus In / Out	●	●	●	●
RS-232C	●	●	●	●
SPECIFICATIONS				
D/A conversion (video)	216 MHz / 14-bit	216 MHz / 12-bit	216 MHz / 12-bit	108 MHz / 12-bit
D/A converter (video)	ADV7324	ADV7310	ADV7320	MTK1389HD
D/A conversion (audio)	192 kHz / 24-bit (all channels)	192 kHz / 24-bit (all channels)	192 kHz / 24-bit (all channels)	192 kHz / 24-bit (all channels)
D/A converter (audio)	CS4398	CS4398	CS4360 + AK4382	AK4385
Frequency response	4 Hz - 44 kHz (DVD fs 96 kHz)	4 Hz - 44 kHz (DVD fs 96 kHz)	4 Hz - 44 kHz (DVD fs 96 kHz)	4 Hz - 44 kHz (DVD fs 96 kHz)
Frequency response (SACD, DVD-A)	4 Hz - 100 kHz (SACD); 4 kHz - 88 kHz (DVD-A)	4 Hz - 100 kHz (SACD); 4 kHz - 88 kHz (DVD-A)	4 Hz - 100 kHz (SACD); 4 kHz - 88 kHz (DVD-A)	-
Signal to Noise Ratio	130 dB	125 dB	TBA	110 dB
Dynamic Range: CD / DVD	110 dB	110 dB	TBA	100 dB
Total Harmonic Distortion (THD)	0.000008	0.0012	TBA	0.003
GENERAL				
Available colours: Silver / Black	●/●	●/●	●/●	●/●
Metal Front Panel	●	●	●	●
Remote Control	RC-9600DV	RC-7500DV	RC-001DV	RC-001DV
Power Consumption	24 W	N/A	N/A	9 W
Detachable Power Cable	●	N/A	●	●
Maximum Dimensions (W x D x H)	440 x 384 x 115 mm	440 x 306 x 96 mm	440 x 319 x 60 mm	440 x 319 x 60 mm
Weight	8.5 kg	4.6 kg	N/A	4 kg



DV-9600



DV-7600

Controllers

	RC-9500	RC-5100	RC-1100
FEATURES			
Display: Colour / BW	●/●	-/●	-/●
Screen Type: Touch / Display	●/●	●/●	-/●
Transmission IR / RF / 2w-IR / 2w-RF	●/●/●/●	●/●/●/●	●/●/●/●
Learnable: IR / RF	●/●	●/●	●/●
Pre-Programmed (RC-5)	●	●	●
Pre-Programmed (Other than RC-5)	-	-	●
Direct Access Buttons	18	18	54
Cursor Control	●	●	●
Programmable Direct Access Buttons	15	15	52
Transparent Graphics	●	●	-
Blending Transparency	●	-	-
Device Menu	●	●	-
Page Menu	●	●	-
Macro Programming:			
Macro Area / any button	-/●	-/●	●/●
Device Scroll	●	●	-
Page Scroll: Hard / Soft Keys	●/●	●/●	●/●
System Area: Fixed / Customisable	-/●	-/●	●/●
Contrast Control: Analogue / Digital	-/●	-/●	-
Label: Device / Page	●/●	●/●	-
Assignable: Device Action / Jumps	●/●	●/●	-
Adjustable Font Size	●	●	-
Backlight Screen: White / Blue / Green	●/●/●	-/●/●	-/●/●
Backlight Hard Buttons: Blue / Green	●/●	●/●	●/●
File Type	PCF	PCF	-
PC Editing Program	Wizz-it 9	Wizz-it	-
PC Software Compatibility	Win XP Pro	Win XP Pro	-
Setup Protection	●	●	-
PC Connection: Serial / USB	-/●	-/●	-/●
Clock / Date Indication	●/●	●/●	●/●
Timer	●	-	●
Motion Sensor	●	●	-
SPECIFICATIONS			
LCD Screen Size (W x H)	56 x 93 mm	56 x 93 mm	24 x 40.5 mm
Editable Screen Area	100%	100%	-
Resolution	320 x 240	320 x 240	5 x 7dot, 5 digit x 1 line
Colours	64,000	-	-
Greyscale Levels	-	16	1
Flash Memory Size	16 Mb (48 Mb via SW upgrade)	8 Mb	512 kb
SRAM Memory Size	512 kb	512 kb	-
IR Operating Distance	10 m	10 m	10 m
IR Angle	160°	160°	160°
IR Carrier Frequency	56 kHz / 455 kHz	56 kHz / 455 kHz	14 kHz - 70 kHz
Learning Distance	1-10 cm	1-10 cm	5 cm
Learning Angle	15°	15°	15°
RF Operating Distance (Open Air)	30 m	30 m	-
RF Carrier Frequency	434 MHz, +/- 100 kHz	434 MHz, +/- 100 kHz	-
2w-IR Operating Distance	-	-	-
Number of Commands per Macro	250	250	20
Operating Temperature	0°-50°C	0°-50°C	5°-45°C
ACCESSORIES			
Recharging Dock Station	●	●	-
Cable for PC Connection: USB / RS-232C	●/●	●/●	-/●
Rechargeable Battery / Normal Battery	●/●	●/●	-/●
Battery Type	NiMH 4.8 V	NiMH 4.8 V	AAA (3 x)
AC to DC Power Adaptor	●	●	-
Other	RX-7001 (not included)	RX-7001 (not included)	-
GENERAL			
Colour	Black Metallic	Silver	Light Grey
Dimensions (W x H x L)	90 x 153 x 33.5 mm	89 x 149 x 38 mm	57 x 224 x 30 mm
Weight (with batteries)	249 g	249 g	175 g
Weight (without batteries)	198 g	198 g	140 g

Turntable

	TT-12
FEATURES	
Motor	DC Servo
Drive System	Belt Drive
Bearing	-
Operation	Full Automatic
Speed	33-1/3 & 45 RPM
Stylus (MM / MC)	●/●
Stylus version	DN251S
Belt	-
INPUTS / OUTPUTS	
Line Out	stereo
SPECIFICATIONS	
Rated Output	4 mV / 1 kHz
Freq. Range	20 Hz - 18 kHz
S/N	65 dB
GENERAL	
Clever clamp	-
Available colours:	
Platinum / Gold / Black / White	-/●/●/●
Maximum Dimensions (W x D x H)	420 x 360 x 137 mm
Weight	5.4 kg

Home Theatre Projectors

	VP-11S1	VP-12S4	VP-4001
FEATURES			
OPTICS			
Projection Technology	DLP®	DLP®	DLP®
Aspect Ratio	16:9	16:9	16:9
Native Resolution	1920 x 1080	1280 x 720	1280 x 768
Supported PC Resolution			
VGA / SVGA / XGA / WXGA / SXGA / UXGA	•/•/•/•/•/•	•/•/•/•/•/•	•/•/•/•/•/•
Supported Video Formats:			
NTSC 3.58, 4.43 / PAL N, M, B/G / SECAM	•/•/•	•/•/•	•/•/•
Supported HD Formats	<= 1080p	<= 1080i	<= 1080i
Lens manufacturer	Konika Minolta	Konika Minolta	Marantz Custom
Focus adjustment: Manual / Motorised	•/•	•/•	•/•
Zoom adjust: Manual / Motorised	•/•	•/•	•/•
Vertical Lens Shift: Manual / Motorised	•/•	•/•	•/• (software)
Feet Adjustment	15 - 61.8 mm	15 - 61.8 mm	•
Optics Sealing	•	•	N/A
Sealed Cabinet Structure: Single / Dual	•	•	N/A
Sealed Lamp Structure	•	•	•
Colour wheel	7 Segment	7 Segment	6 Segment
Noise Cancellation	•	•	N/A
Active fan control	•	•	N/A
Optimised Dust Shielding	•	•	N/A
Diecast chassis	•	•	-
Light Leakage Reduction	•	•	N/A
ELECTRONICS & SOFTWARE			
Video Processor	Gennum	Gennum	Texas Instruments
Video Processing	10-bit	10-bit	10-bit
Panel drive processing	12-bit	10-bit	N/A
Neutral Density Filter	•	•	N/A
Progressive Scan	•	•	•
Deinterlacing	VXPTM	VXPTM	•
3-2 Pull Down	•	•	•
Gamma Processing	12-bit	10-bit	12-bit
Enhanced video adjustment	•	•	•
Electronic Keystone Correction:			
Horizontal / Vertical	-/•	-/•	-/•
Picture Modes	3	3	6
Picture Memories	18	18	30
Picture size memory	•	•	•
Aspect Modes	Full, Normal, Through, Zoom, V-Stretch	Full, Normal, Through, Zoom, V-Stretch	Full, Normal, Through
Colour Temperatures	5	5	6
Black Level Selection	•	•	• (for HDM1)
Lamp Mode (Normal / Economy)	200 / 168 W	200 / 160 W	N/A
Automatic Input Detection (RGB / Component)	•	•	N/A
Discrete Remote Control Coding	•	•	•
INPUTS / OUTPUTS			
Composite Video In	1	1	1
S-Video In	1	1	1
Component In (Y, Cb/Pb, Cr/Pr - RCA)	2	2	2
RGB / HD In (D.Sub 15-pin)	1	1	1
HDMI In	2	2	1
RS-232C (Control / Update)	•/•	•/•	•/•
DC Trigger Out	2	2	1
Remote Control In / Out	•	•	-
SPECIFICATIONS			
DMD Type	1080p DLP® Chip	HD2+	720p DLP
Panel Size	0.95"	0.81"	0.65"
Aspect Ratio	16:9	16:9	16:9
Mirror tilt angle	12 degree	12 degree	•
Number of Pixels	1920 x 1080	1280 x 720	1280 x 768
Active area	1920 x 1080	1280 x 720	1280 x 768
Active area Aspect	16:9	16:9	16:9 (16:10)
Number of Panels	1	1	1
Contrast Ratio	6500:1	3800:1	6500:1
Brightness: Normal / Economy	700 / 600 ANSI lm	700 / 600 ANSI lm	1200 ANSI lm
Lamp	SHP 200 W (DC)	SHP 200 W (DC)	275 W (DC)
Standard lens	f: 30.7 - 44.5 mm / F: 3.0	f: 30.7 - 44.5 mm / F: 3.0	N/A
Zoom Ratio	1.45	N/A	1.15
Focal Length	30.7 - 44.5 mm	N/A	N/A
Projection Size	70" - 250"	40" - 250"	40" - 200"
Projection Distance	2.2 m - 11.8 m	1.5 m - 14.0 m	3.0 m - 3.45 m (100")
Operating Temperature	5°-35°C	5°-35°C	N/A
Noise Level	< 29 dB	< 30 dB	30 dB
Operating Humidity	30%-85%	N/A	N/A
Lamp type	SHP 200 W (DC)	SHP 200 W (DC)	275 W (DC)
Lamp power (Normal / Economy) in Watt	200 / 168 W	200 W	275 W
Average lamp life (in hours)	2000	2000	2000
GENERAL			
Colour: Silver / Off-White	-/•	-/•	•/•
Aluminum diecast chassis	•	•	-
Remote Control	RC-11VPS1	RC-12VPS3	RC-001VP
Power Consumption	350 W	N/A	355 W
Standby Consumption	<0.5 W	N/A	N/A
Maximum Dimensions (W x D x H)	405 x 481 x 149-158 mm	405 x 471 x 194 mm	315 x 280 x 109 mm (chassis only)
Weight	13 kg	13 kg	4 kg

Cassette Deck

	SD-4051
FEATURES	
Tape Transports (full logic)	2
Auto Reverse	•
DC Servo Controlled	•
Super-hard Permalloy Heads	•
Dolby B/C	•/•
2-Speed Synchro Reverse Dubbing	•
MPX filter	•
Dolby HX Pro	•
Automatic Tape Selector	•
Synchronised CD Recording	•
Quick Music Search	•
Auto Continues Play	•
Timer Record & Play	•
INPUTS / OUTPUTS	
Line In	2
Line Out	2
SPECIFICATIONS	
Rewind Time	110 sec., C-60 cassette
Signal to Noise Ratio (3% THD)	> 74 dB
Recording Bias	100 kHz
Frequency Response	25-18 kHz, +/- 3 dB
Channel Separation	> 40 dB
Wow & Flutter	0.09% WRMS, +/- 0.1% w.Peak
GENERAL	
Available colours:	
Platinum / Gold / Silver / Black	-/•/•/•
Metal Front Panel	•
IR receiver built in	•
Power Consumption	16 W
Detachable Power Cable	•
Maximum Dimensions (W x D x H)	440 x 286 x 124 mm
Weight	3.9 kg



SR-4021



SR-4320

Stereo Receiver

	SR-4021	SR-4320
AMPLIFIER FEATURES		
Current Feedback Topology	-	-
Linear Drive Power Supply	-	-
CCNE	-	-
Power Transformer:		
Super-Ring / Toroidal / EI	-/•/•	-/•/•
HDAM: Standard / SA / Current Feedback	-	-
HDAM cover:		
Gold-plated / Copper-plated / Metal / no shield	-	-
Symmetric PCB Layout	•	•
High Grade Audio Components	-	-
Customised Components	-	-
Current Feedback phono equaliser	-	-
Balance / Bass / Treble / Loudness	•/•/•/•	•/•/•/•
Source Direct	•	•
Separate Solid Heat Sinks	•	•
Speaker A/B	•	•
Record Selector: full / copy-source	-/•	-/•
Tape Monitor	-	-
Phono Input	•	•
Standby Mode	•	•
Display dimmer	•	•
RS-232C (Control / Update)	-/•	-/•
TUNER FEATURES		
DAB SECTION		
Receiving Range (Band III / Band L)	-/•	-/•
Signal to Noise Ratio (Mono/Stereo)	-/•	-/•
DAB presets	-	-
TUNER SECTION		
Broadcast bands: FM / MW / LW	•/•/•	•/•/•
Dual Gate MOS-FET	•	•
Phase Lock Loop Synthesiser	-	-
IF Bandwidth Selector	-	-
High Alternate Channel Selectivity	-	-
Presets	-	-
Auto Tuning	30	30
RDS: PTY / PS / CT / TA / TP	•/•/•/•/•	•/•/•/•/•
RDS: EON	-	-
Station Naming	•	•
Sleep / Timer	•/•	•/•
Birdy Whistle Elimination Circuitry	•	•
INPUTS / OUTPUTS		
Audio Inputs	8	7
Phono Input: MM/MC	•/•	•/•
Audio Outputs	3	3
Video Inputs	4	3
Video Outputs	2	2
Digital In / Out	-/•	-/•
Processor In / Out	-/•	-/•
Pre-out / Main-in	•/•	•/•
FM Antenna	1	1
AM Antenna	1	1
D-Bus In / Out	•	•
Gold-plated Cinch	-	-
Speaker Terminal: Click-fit / Screw / WBT	-/•/•	-/•/•
AC Outlets (Not for UK Model)	-	-
Headphone Out	•	•
iPod input (Direct / Docking station)	-/•	-/•
SPECIFICATIONS		
AUDIO SECTION		
Power Output (8/4 Ohm RMS)	80/- W	80/- W
Frequency Response	10 Hz - 65 kHz (-3 dB)	10 Hz - 65 kHz (-3 dB)
Total Harmonic Distortion	0.08%	0.08%
Damping Factor	N/A	N/A
Input Sensitivity: MM	2.6 mV	N/A
Input Sensitivity: MC	-	-
Signal to Noise Ratio MM/MC	>70 dB	>70 dB
Input Sensitivity: High level	200 mV / 47 kOhm	200 mV / 4 kOhm
Signal to Noise Ratio High Level	>95 dB	>95 dB
VIDEO SECTION		
Input level / impedance	1Vp-p / 75 Ohm	N/A
Output level / impedance	1Vp-p / 75 Ohm	N/A
Video frequency response	5 - 30 MHz	N/A
Signal to Noise Ratio	>60 dB	N/A
GENERAL		
Available colours:		
Platinum / Gold / Silver / Black	-/•/•/•	-/•/•/•
Metal Front Panel	•	•
Remote Control	RC-4021SR	RC-4320SR
System Remote Function	•	•
Power Consumption	220 W	N/A
Detachable Power Cable	•	N/A
Maximum Dimensions (W x D x H)	440 x 388 x 163 mm	440 x 365 x 164 mm
Weight	11.7 kg	8.4 kg

SELECTION OF AWARDS



SR-7500
AV RECEIVER OF THE YEAR '05
SOUND & IMAGE MAGAZINE, AUSTRALIA



PM-15S1
EISA BEST PRODUCT 2005-2006



VP-12S2
VIDEO PROJECTOR OF THE YEAR '03
SOUND & IMAGE MAGAZINE, AUSTRALIA



SR-7300
AV RECEIVER OF THE YEAR '03
SOUND & IMAGE MAGAZINE, AUSTRALIA



DV-17
1ST PLACE READERS CHOICE '01
STEREOPLAY MAGAZINE, GERMANY



DV-8300
EUROPEAN AUDIO PLAYER 2002-2003;
EUROPEAN IMAGING AND SOUND ASSOCIATION



DV-8300
HIFI COMPONENT OF THE YEAR '02
MEDIA TOTAAL MAGAZINE, HOLLAND



DV-4100 OSE
PRODUCT OF THE YEAR '01
WHAT HI-FI MAGAZINE, U.K.
SOUND AND VISION AWARD '01
WHAT HI-FI MAGAZINE, U.K.



SR-14mkII
1ST PLACE READERS CHOICE '01
STEREOPLAY MAGAZINE, GERMANY
HOME THEATRE AWARD '01
HOME THEATRE MAGAZINE, FRANCE



SR-9200
HOME CINEMA COMPONENT OF THE YEAR '02
MEDIA TOTAAL MAGAZINE, HOLLAND



SR-4200
BEST BUY '01
WHAT HI-FI MAGAZINE, U.K.



AV-9000
GOLDEN EAR '01
AUDIO MAGAZINE, GERMANY



PM-17mkII
GOLDEN EAR '01
AUDIO MAGAZINE, GERMANY



PM-7000
GOLDEN EAR '01
AUDIO MAGAZINE, GERMANY
1ST PLACE READERS CHOICE '01
STEREOPLAY MAGAZINE, GERMANY



CD-17mkII
1ST PLACE READERS CHOICE '01
STEREOPLAY MAGAZINE, GERMANY



CD-6000 OSE
GOLDEN EAR '01
AUDIO MAGAZINE, GERMANY
1ST PLACE READERS CHOICE '01
STEREOPLAY MAGAZINE, GERMANY



CD-6000 OSE LE
BEST CD PLAYER '01
DIAPASON MAGAZINE, FRANCE



CD-6000 KI
BEST CD PLAYER '01
ON/OFF MAGAZINE, SPAIN



DR-6000
BEST RECORDING MEDIA '01
HOME ENTERTAINMENT MAGAZINE, U.K.



ST-6000
1ST PLACE READERS CHOICE '01
STEREOPLAY MAGAZINE, GERMANY



DV-18
DVD PLAYER OF THE YEAR '01
AVL MAGAZINE, AUSTRALIA



SR-18
AV RECEIVER OF THE YEAR '00
SOUND & IMAGE MAGAZINE, AUSTRALIA



SR-7400
AV RECEIVER OF THE YEAR '04
SOUND & IMAGE MAGAZINE, AUSTRALIA



SR-4500
BEST SURROUND AMP/RECEIVER UNDER \$2,000.
SMARTHOUSE BEST OF THE BEST AWARDS 2005.

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