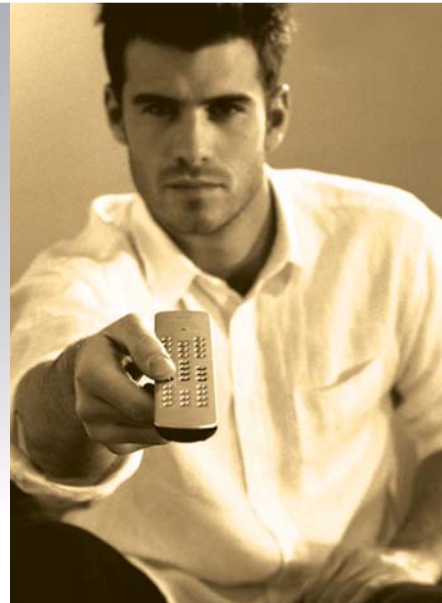
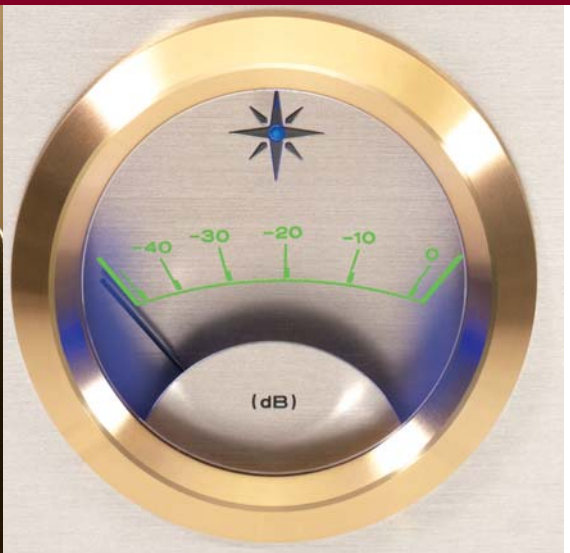


# marantz®



**Life Amplified**



**full line catalog | 2005**

## AV Receivers

For over half a century, Marantz home entertainment components have earned respect and admiration from professionals and consumers alike. And these A/V receivers are no exception. Built to satisfy the most demanding audio/videophile, yet accessible to even the casual user, these remarkable products combine the finest of today's technology with Marantz's long tradition of excellence.

Here you'll find full 7.1 channel capability across the board. So you'll be able to enjoy the most advanced surround sound reproduction available. And you'll find a rare level of amplifier capability, too. That's because Marantz doesn't believe that quantity alone is enough. Our engineers, guided by the spirit of the company's founder, have raised the bar once again to give you audiophile-grade reproduction of both stereo and multi-channel sources. They have guaranteed your satisfaction with rigorous power specifications that are rooted in the world you live in, not some esoteric "laboratory-only" conditions never duplicated in your home.

We also extend our same demanding standards to video. Every receiver includes full-bandwidth video switching for the most demanding high definition sources, and built-in video transcoding that makes it easy to enjoy the finest picture your favorite video sources can provide.

We've also paid close attention to the way you use your home entertainment system. From simple yet elegant front panel design to features like "quick setup," we've worked hard so you and your entire family can enjoy these products with intuitive ease.

Look over the following receivers. You'll find unique touches in every one, a common history of exceptional performance in all. Anything less would simply not be Marantz.



**marantz®**



## Power and Precision

# SR9600 THX Ultra2® Digital Surround Receiver



The SR9600 is simply the best surround receiver we've ever offered. It surpasses the performance levels of even separate components in both sheer brawn and subtle sophistication. THX Ultra2® certification - and power output of 140 Watts RMS from each of its seven current-feedback amplifiers - means the SR9600 will recreate the sonic impact of dynamic movie soundtracks in the largest rooms. Intelligent cooling assures long term stability, even under the most demanding conditions. Analog preamp circuitry features wideband HDAM-SA2 modules. The oversized power supply includes a toroidal transformer and Marantz-designed storage capacitors for quick response to rapidly varying sources. Dual 32-Bit microprocessors handle surround decoding and 9-band parametric M.R.A.C. (Marantz Room Acoustic Calibration) adjustments with outstanding speed and accuracy. Two AM/FM tuners let you listen to different stations in different areas of your home. Connectivity includes IEEE 1394 and HDMI for accurate data transfer. The high resolution display makes control and adjustment easy. Dolby Headphone produces a private, natural, non-fatiguing surround experience. An RS232 port (for both control and upgrade) and 4 programmable 12 volt "triggers" let the SR9600 function in virtually any custom-designed home theater system.

- THX Ultra2® Certified
- 140 Watts x 7 - All Discrete Amplifier Stages
- THX Surround EX® Processing
- Dolby Digital EX®, Pro Logic IIx® (Movie/Music/Game)
- DTS 96/24, ES® (Discrete 6.1/Matrix 6.1), Neo:6 (Cinema/Music)
- SRS Circle Surround II® (Cinema/Music/Mono)
- All Discrete "Current Feedback" Amplifier Stages
- Dual 32-Bit Digital Surround Processing Chipsets
- 192kHz/24-Bit Cirrus Logic® DACs for all 7 Channels
- M.R.A.C. (Marantz Room Acoustic Calibration) System
- Massive, High Energy Power Supply, Huge Toroidal Transformer
- Copper Plated Chassis
- HDMI Switching (2 in/1 out)
- Video Up-conversion: Composite/S-Video to Component with TBC
- Built-in Dual AM/FM Tuners
- Dual Multi-room/Multi-source Capabilities with Discrete Commands
- Speaker A/B Switching
- Multi Speaker "C" Output
- RS232C Connection for System Control and Future Upgrades
- Lip Sync Control
- HD Compatible Component Video Switching (4 in/1 out)
- 8 Assignable Digital Inputs (9 in Total)
- 1 IR Flasher Input and 1 IR Receiver Input
- 4 IR Emitter Outputs
- 4 Assignable DC Trigger Outputs
- Gyro-Touch Tuning







The SR8500 combines extraordinary flexibility and rarely found simplicity. The THX Select designation assures accurate reproduction of movie soundtracks. With 125 Watts per channel RMS, you can enjoy that sound in virtually any room through virtually any loudspeakers. The copper-plated chassis isolates internal circuits from interference. The oversized toroidal transformer keeps electromagnetic emissions to a minimum. Specially chosen storage capacitors assure long-term energy supply so amplifiers can reproduce the most demanding passages. Marantz Room Acoustic Calibration (M.R.A.C.), uses an internal signal generator and a separate calibrated microphone to bring you the best audible performance in any room. HDCD circuitry decodes your HDCD discs. Dolby Headphone surrounds you even when your source is stereo. The SR8500 includes advanced transcoding with Line Memory and Time Base Correction to bring you the best video image. DVI (Digital Video Interface) switching is standard. Lip Sync lets you enjoy sound and image simultaneously. An RS232C connector for external control. There are two IR inputs, D-Bus (RC-5) connectors, and a pre-programmed/learning hand-held controller. Then there's Marantz sound quality. Refreshing, invigorating, relaxing. Because the SR8500 is simply a Marantz.

- THX Select Certified
- 125 Watts (into 8 ohms) x 7-ch Amps
- Dolby Digital EX®, Pro Logic II® (Movie/Music/Game),
- DTS 96/24, ES® (Discrete 6.1/Matrix 6.1), Neo:6 (Cinema/Music)
- SRS Circle Surround II® (Cinema/Music/Mono)
- All Discrete "Current Feedback" Amplifier Stages
- 32-Bit DSP
- 192kHz/24-Bit D/A Converters for all Channels
- M.R.A.C. (Marantz Room Acoustic Calibration) System
- Massive, High Energy Power Supply, Huge Toroidal Transformer
- Copper Plated Chassis
- HDCD Decoder Built-in
- Dolby Headphone
- DVI-D Switching (2 in/1 out)
- Video Up-conversion: Composite/S-Video to Component with TBC
- Multi-room/Multi-source Capability with Discrete Commands
- Speaker A/B Switching
- Multi Speaker "C" Output
- Lip Sync Control
- HD Compatible Component Video Switching (4 in/1 out)
- 6 Assignable Digital Inputs (7 in Total)
- RS232C Terminal for System Control and Future Upgrades
- 2 Direct IR Flasher Inputs
- 2 DC Triggers for Custom Installation Applications
- D-BUS (RC-5 In/Out) Remote Connection





The SR7500 features THX Select certification and Marantz Room Acoustic Calibration (M.R.A.C.). THX Select certification means that you'll hear movie soundtracks as the director and sound editor intended. You'll hear the Marantz touch brought by using the finest capacitors, resistors, and other internal components. Seven 105 Watt "Current Feedback" amplifiers deliver immediacy and impact. M.R.A.C. corrects the acoustic variables in every home theater system by analyzing your room with microprocessor accuracy and correcting for anomalies. The SR7500's video pedigree derives from format conversion with Line Memory and Time Base Correction to eliminate artifacts that mar reproduction on today's "fixed pixel" monitors. Other features include a pre-programmed learning remote, front panel A/V inputs, RS232 port for extreme control, 2 direct IR inputs, and 2 DC "triggers" for custom installation applications. And, of course, the peace of mind that our three-year warranty gives you.

- THX Select Certified
- 105 Watts (into 8 ohms) x 7 ch Amps
- Dolby Digital EX®, Pro Logic IIx® (Movie/Music/Game),
- DTS 96/24, ES® (Discrete 6.1/Matrix 6.1), Neo:6 (Cinema/Music)
- SRS Circle Surround II®
- All Discrete "Current Feedback" Amplifier Stages
- 32-Bit DSP
- 192kHz/24-Bit D/A Converters for all Channels

- M.R.A.C. (Marantz Room Acoustic Calibration) System
- Dolby Headphone
- Video Up-conversion: Composite/S-Video to Component with TBC
- Multi-room/Multi-source Capability with Discrete Commands
- Speaker A/B Switching
- Multi Speaker "C" Output
- Lip Sync Control
- Variable Cross-over
- HD Compatible Component Video Switching (4 in/1 out)

- 6 Assignable Digital Inputs (7 in Total)
- Front Panel A/V and Digital Inputs
- RS232C Terminal for System Control
- 2 Direct IR Flasher Inputs
- 2 DC Triggers for Custom Installation Applications
- D-BUS (RC-5 In/Out) Remote Connection





# Dolby Digital EX®/DTS ES® Surround Receiver SR5500



The SR5500 is an embarrassment of riches. Each "current feedback" amplifier produces 90 Watts RMS, sufficient for all but the largest rooms or most inefficient speakers. The 32-Bit microprocessor decodes all Dolby, DTS surround sound formats, and SRS' Circle Surround II. Consider the SR5500's multi-source/multi-room capabilities. Look no further than the front panel inputs to conveniently plug in a camcorder, portable DVD player and/or game console. You'll appreciate the SR5500's enhanced video conversion capabilities as you watch a full complement of sources through your monitor's high quality component video input. Want a customized system? The RS232 port allows total control for external sources. The on-screen display quickly guides you through setup. The SR5500's "Lip Sync" circuit assures you that sounds reach your ears at exactly the moment your eyes say they should. And it's all covered by a three-year warranty.

- 90 Watts (into 8 ohms) x 7 ch Amps
- Dolby Digital EX®, Pro Logic IIx® (Movie/Music/Game),
- DTS 96/24, ES® (Discrete 6.1/Matrix 6.1), Neo:6 (Cinema/Music)
- SRS Circle Surround II®
- All Discrete "Current Feedback" Amplifier Stages
- 32-Bit DSP
- 192kHz/24-Bit D/A Converters for all Channels
- Dolby Headphone
- Video Up-conversion: Composite/S-Video to Component
- Multi-room/Multi-source Capability with Discrete Commands
- Multi Speaker "B" Output
- Lip Sync Control
- On Screen Display
- Pure Direct Mode
- Video Off Mode
- Variable Cross-over
- Assignable HD Compatible Component Video Switching (2 in/1 out)
- 4 Assignable Digital Inputs (2 optical/2 coaxial)
- 2 Digital Outputs (1 optical/1 coaxial)
- Front Panel A/V Inputs
- 50 Station Presets
- Manual Station Naming
- RS232C Terminal for System Control
- 1 Switched and 1 Un-switched AC Convenience Outlets
- D-BUS (RC-5 In/Out) Remote Connection
- Includes Pre-programmed System Remote



# SR4500 Dolby Digital EX®/DTS ES® Surround Receiver



The SR4500 boasts 7.1 channel capability. Each of the 7 built-in amplifiers produces 80 watts 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 192kHz/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? Depend on Pure Direct and Video Off modes to help you listen further into the music. 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. There's a remote control and a three-year warranty for your peace of mind.

- 80 Watts (into 8 ohms) x 7 ch Amps
- Dolby Digital EX®, Pro Logic IIx® (Movie/Music/Game)
- DTS 96/24, ES® (Discrete 6.1/Matrix 6.1), Neo:6 (Cinema/Music)
- SRS Circle Surround II® (Cinema/Music/Mono)
- All Discrete Amplifier Stages
- 192kHz/24-Bit D/A Converters for all Channels
- 32-Bit DSP
- Multi Channel Stereo Mode
- SRS TruSurround Headphone
- Surround Speaker "B" Output
- Simple Setup Menu
- Pure Direct Mode
- Video Off Mode
- Simple Video Up-conversion: Composite to S-Video
- S-Video Switching (2 in/1 out)

- Component Video Switching (2 in/1 out)
- Composite Video Switching (4 in/3 out)
- 8 Ch Preamplifier Outputs
- 8 Ch Direct Inputs
- 4 Assignable Digital Inputs (2 optical/2 coaxial)
- 2 Digital Outputs (1 optical/1 coaxial)
- 50 Station Presets
- Manual Station Naming
- D-BUS (RC-5 In/Out) Remote Connection
- 1 Switched and 1 Un-switched AC Convenience Outlets
- Includes Pre-programmed System Remote
- Available in Black and Silver





## Home Theater Made Simple

When you think of Marantz, you think of component systems, with separate pieces for each function. This might imply complexity, but while it's true that big systems consisting of many different boxes can be intimidating, with Marantz components that is never the case. And this point can be emphasized with our home theater systems. These systems couldn't be easier to setup and use and still deliver the performance that Marantz is famous for. Whether it is the all-in-one ER2500S system or the beautiful BW-1, you will enjoy true multi-channel performance from all of your music and video. With Marantz, a killer Home Theater doesn't have to scare you.



### BW-1 Component Based Home Theater System

Package consists of the following components (Silver Finish): SR4500 Home Theater Receiver, DV4500 Progressive Scan DVD Player, RC1400 Learning Remote Control, MS300 Speaker Package, MS309w Subwoofer, MS300P Front L/R Speaker Stands, MS300M Surround Speaker Wall Brackets.

### ER2500S Home Theater System

Package consists of the following components: ER2500 Progressive Scan DVD/Receiver and SS2500 6.1ch Speaker system package (5 satellite speakers and Sub-woofer setup). See below for individual product descriptions.

#### ER2500 Progressive Scan DVD/Receiver

- 6.1ch DVD/AM/FM Receiver
- Silver Finish
- 100 Watts x7 in 6 ohm
- High Efficiency Digital Amplifier
- Plays DVD-Video, DVD-R/RW (Video Mode), SVCD, VCD, CD, CD-R/RW, MP3, WMA and JPEG Discs
- Dolby Digital EX, Pro Logic IIx (Movie/Music)
- DTS ES® (Discrete 6.1/Matrix 6.1, Neo:6 (Cinema/Music))
- Progressive Scan Component Video Output with 3:2 Pull Down Film Detection
- 54MHz/10-Bit Video D/A Converter
- 192kHz/24-Bit Audio D/A Converters
- Powered Sub-woofer Output
- Simple Setup Menu
- Color Coded Speaker Terminals
- NTSC PAL Converter
- External A/V Inputs/Output
- Digital Audio Inputs/Output
- TV Codes Pre-coded System Remote Control



#### SS2500 6.1 Channel Speaker System Package

- 5 Satellite Speakers and Sub-woofer Setup
- 6.1ch Surround Sound by The Phantom Surround Back Speaker in the Surround L & R Speakers
- Sleek Looking Passive Sub-woofer
- Real Wood Speaker Enclosures





## Video Source

Thinking of adding a new DVD player to your system? Or upgrading to a more sophisticated unit? Marantz has the answers. And they're all built to our same demanding standards to give you much more in performance and reliability. They virtually define the word "value."

Every Marantz DVD player includes progressive scan output capability for the finest picture your monitor can display. Even if you're used to the merely good image of earlier DVD players, you'll marvel at the picture you'll see, thanks to advanced Marantz technology.

You'll enjoy the added flexibility, too. With a Marantz DVD player, you'll enjoy far more than just movies. When you listen to your favorite music CDs, you'll hear why Marantz has led the world in sound quality for more than half a century.

While just about everything that DVD has to offer is wonderful, it is still not High Definition. There are those who simply want the very best picture, hands down. If that is you, then Marantz has the perfect product, the MV8300 High Definition D-VHS player with D Theater copyright protection. Look at it as your very own HD recording studio. The MV8300 is the perfect companion to any HD system. It can record any off air HDTV broadcast, HD satellite broadcast or an HD cable broadcast from any decoder box with an IEEE1394 output.\* Because it is D-Theater compliant, it will also playback any High Definition D-Theater movies like you have never seen them before.

So look at the individual model descriptions you'll see here. Better yet, look at the image and listen to the sound each Marantz DVD player delivers. That's an even better way to experience Marantz magic.

\*This assumes the programming is not copy protected.



# marantz®



## The Beauty of Sound and Vision

## Progressive Scan Universal DVD Player DV9500



The DV9500 includes many examples of Marantz's best engineering and refined circuitry 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 MP-3 discs with built-in Dolby Digital and dts decoders and true DSD processing for all SACDs. A dual-transformer power supply separates circuits to eliminate interference. Analog audio circuitry includes unique high current HDAM modules mounted on a separate circuit board for extra isolation. The chassis includes a double-layer bottom plate to minimize vibrations and the transport mechanism is highly damped to minimize tracking problems that can affect both picture and sound. Video circuitry includes a separate progressive-scan 10-bit video processing in addition to the main 216MHz/14-Bit video decoding. NSV (Noise Shaped Video) circuits further reduces video noise for extraordinary reproduction. Conveniences abound. There's a customizable start-up screen, parental controls, an HDMI video output. And an RS232 port for total system control. The DV9500. Proof that Marantz values your total satisfaction.

- Plays Back DVD-Video/Audio, SACD-Stereo/Multi-channel, DVD-R/RW, CD, CD-R/RW, SVCD, VCD, MP3 and JPEG Discs
- 216MHz/14-Bit Video D/A Converter
- 192kHz/24-Bit Audio D/A Converters
- HDMI Output
- Built-in 10-Bit Progressive Scan (w/3:2 Pull Down)/Scaler for 1080i, 720p and 480p Output
- NSV Technology for Optimization of Video Signal
- Newly Developed High Precision Mechanism
- HDAM® Audio Output Circuits
- Bass Management for Both SACD and DVD-A w/Delay
- Lip Sync Control
- Fine Video Adjustments
- DTS 96/24 Decoder
- Dolby Digital®/ DTS Decoder
- Dolby Headphone
- DSD Based SACD
- Simultaneous Live Video Outputs
- Video/Digital Circuit Off Mode
- Exclusive Power Transformer for Audio Circuit
- Zero-impedance Copper Ground Plate for 6 Channel Analog Output Jacks
- Double Layer Bottom Plate
- Customizable Start Up Screen
- Parental Control
- On Screen Display
- Component, S-Video and x2 Composite Outputs
- 5.1 ch Analog Audio Output
- Stereo Analog Audio Output
- Digital Audio Outputs (coaxial, optical)
- RS232C Terminal for System Control
- D-BUS (RC-5 In/Out) Remote Connection





## DV7600 Progressive Scan Universal DVD Player



The DV7600 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 discs! With true DSD processing for SACD discs. Video circuitry includes a 216MHz/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. The custom-conscious will appreciate discrete on/off command codes, D-BUS and RS232 connections. Three-year warranty, of course.

- Plays Back DVD-Video/Audio, SACD-Stereo/Multi-channel, DVD-R/RW, CD, CD-R/RW, SVCD, VCD, MP3 and JPEG Discs
- 216MHz/12-Bit Video D/A Converter
- 192kHz/24-Bit Audio D/A converters
- HDMI Output
- Built-in 10-Bit progressive scan (w/3:2 Pull down)/scaler for 1080i, 720p and 480p Output
- NSV technology for Optimization of Video Signal
- HDAM® Audio Output Circuits
- Bass Management for both SACD and DVD-A w/Delay
- Lip Sync Control
- Fine Video Adjustments
- Dolby Digital/ DTS Decoder
- DSD Based SACD
- Simultaneous Live Video Outputs
- Video/Digital Circuit Off Mode
- Parental Control
- On Screen Display
- Component, S-Video and x2 Composite Outputs
- 5.1ch Analog Audio Output
- Stereo Analog Audio Output
- Digital Audio Outputs (coaxial, optical)
- RS232C Terminal for System Control
- D-BUS (RC-5 In/Out) Remote Connection





**DV6500.** Even though there are more "universal" disc players every day, quality players are difficult to find. The DV6500 combines universality and quality in a uniquely Marantz fashion. First, the DV6500 handles movie DVDs, DVD-As, SACDs, conventional music CDs, recordable CD-Rs and CD-RWs, VCD 2.0 discs, MP3 and WMA audio discs, and JPEG-format picture discs! Then, the way the DV6500 handles these discs truly sets it apart. The Marantz audio tradition extends well into the 21st Century with internal Dolby Digital and DTS decoders. Six of the finest 192kHz/24-Bit digital-to-analog converters make everything you play sound exceptionally lifelike. And you can even shut off the DV6500'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 pull down circuitry and wide bandwidth video D/A converters for exceptional picture quality. Composite, S-Video, and component outputs? Progressive scan? Of course! We haven't forgotten conveniences either. There's an advanced on-screen display, parental controls, front panel menu operation, and a new hand-contoured remote. Connectivity options include audio and video outputs as well as a D-BUS connector for total system control. The three-year warranty shows our confidence and increases your peace of mind. Would you expect anything less from Marantz?

- Plays Back DVD-Video/Audio, SACD-Stereo/Multi-channel, DVD-R/RW, CD, CD-R/RW, SVCD, VCD, MP3, WMA and JPEG Discs
- Progressive Scan with 3:2 Pull Down Film Detection
- 54MHz/10-Bit Video D/A Converter
- 192kHz/24-Bit Audio D/A Converters
- Audio EX Mode (Video Off)
- Dolby Digital®/DTS Decoder
- On Screen Display
- Parental Control
- Menu Operation From Front Panel
- Discrete Power On/Off
- Component, S-Video, Composite Outputs
- 5.1 ch Analog Audio Output
- Stereo Analog Audio Output
- Digital Audio Outputs (coaxial, optical)
- D-BUS (RC-5 In/Out) Remote Connection
- Remote Control



**DV4500.** More than just a DVD player: it handles movie DVDs, CDs (and their -R and -RW cousins), VCDs, MP-3 and WMA music discs, and photo discs with JPEG pictures. It delivers high image quality thanks to a true progressive scan output. You'll also appreciate the flutter-free movie reproduction provided by the 3:2 pull down circuitry. Of course you can select composite, S-Video, or component outputs. Sound quality is Marantz-standard, whether you choose stereo or multi-channel analog or coaxial or optical digital outputs. Conveniences range from on-screen display through parental control to front-panel menu operation. The remote control fits your hand perfectly. Our three-year warranty provides peace of mind. You've chosen a Marantz. You can't get better than that.

- Plays DVD-Video, CD, CD-R/RW, VCD, MP3, WMA and JPEG Discs
- Progressive Scan with 3:2 Pull Down Film Detection
- 54MHz/10-Bit Video D/A Converter
- 192kHz/24-Bit Audio D/A Converters
- Dolby Digital® Decoder
- Aluminum Front Panel
- On Screen Display
- Display Off Mode
- Parental Control
- Menu Operation From Front Panel
- Discrete Power On/Off
- Component, S-Video, Composite Outputs
- Stereo Analog Audio Output
- Digital Audio Outputs (coaxial, optical)
- D-BUS (RC-5 In/Out) Remote Connection
- Remote Control
- Available in Black and Silver



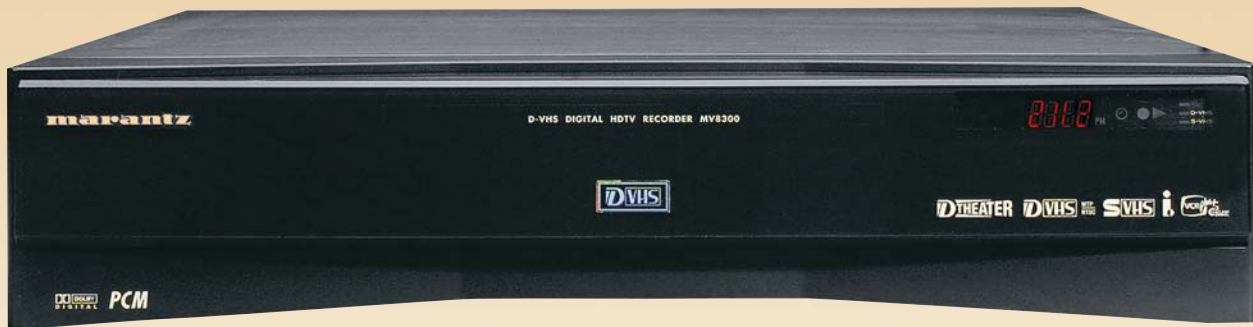




The difference between watching a movie and living it, lies in the quality of the source components. With the VC5400 changer, you're not just a spectator, you're a participant. Enjoy hours of uninterrupted entertainment with this new 5 disc DVD changer, featuring progressive scan outputs and 3:2 pull down technology. Beyond its ability to playback DVDs, this changer is also an excellent CD player. Whether you shuffle, program or repeat, it is compatible with DVD Video, CD, CD-R/RWs and MP3 based CD-Roms.

- Ultimate Versatility - Plays DVD-Video/Audio, DVD-R/RW, CD, CD-R/RW, MP3, WMA and JPEG Discs
- Slim Profile - 5 Disc Changer
- 54MHz/10-Bit Video D/A Converter
- 192kHz/24-Bit Audio D/A Converters
- Capable of Exchanging 4 Discs While a 5th is Playing
- Built-in HDCD Decoder
- Progressive Scan Output with 3:2 Pull Down
- 5.1 Channel Outputs for DVD Audio and Dolby Digital®
- Gold Plated Connectors
- RS232C Terminal for system control
- Component, S-Video, Composite Outputs
- Stereo Analog Audio Output
- Digital Audio Outputs (coaxial, optical)
- D-BUS (RC-5 In/Out) Remote Connection
- Remote Control





The High Definition revolution has arrived, and it is brought to you by Marantz. With the ability to record HD content from cable, satellite or off air antenna via an IEEE output (assuming the program is not copy protected), you can finally archive all of your favorite shows in glorious High Definition. Because the MV8300 is D-Theater compliant, it will play all of the HD movies that are available today. Worried about the past? With the MV8300, you don't need to be. It is completely compatible with your entire library of VHS and S-VHS tapes. Better yet, it will still record in VHS and S-VHS for those "classic" programs that are not yet offered in HD. If you thought DVD and HD broadcasts looked good, wait until you see the pictures produced by the MV8300.

- D-Theater Compliant with the Advanced D-VHS Security System
- Digital Set-top Box Ready with Digital-to-Digital Connection via i.Link (IEEE 1394) Terminal
- HDTV Digital Broadcast Bit Stream Recording/Playback
- Built-in MPEG2 Decoder for Direct Connection to HDTV
- Can Record Any Type of Broadcast Including HD, SD or Analog
- 4 Recording Modes (HS, STD, LS3, LS5) for D-VHS
- Highest Quality Recording with HS Mode (28.2 Mbps) for up to 3.5 Hours
- Longest Recording with LS5 Mode (2.8 Mbps) for up to 35 Hours
- 2 Recording Modes (SP, EP) for S-VHS/S-VHS ET/VHS
- Full Spec HDTV Compatible (with all 18 ATSC Broadcasting Formats)
- High Resolution Analog Recording and Playback
- 5.1 Dolby Digital Output (Optical)
- 2 Channel Linear PCM Audio Output Capability
- 1080i, 720P, 480P and 480i Video Output
- Video Navigation- Tape Number, Record Date and Category Sorting
- MTS Decoder for SAP Programs
- VCR Plus+ with Provided Cable Box Controller
- Express Programming
- Plug and Play for Automatic Tuner and Clock Set-up
- 1-year/24-event Programmable Timer
- 2 i.Link Terminal (IEEE 1394), DV Input Only for Camcorders
- 3 S-Video Inputs
- 3 Composite Video Inputs
- 3 Analog Audio Inputs
- 1 Component Video Output (Y, Pb, Pr)
- 2 S-Video Outputs
- 2 Composite Video Outputs
- 2 Analog Audio Outputs
- 1 Optical Digital Output
- Front A/V Input



Optional RS232 Cable for Crestron® or AMX® Control





## Control Your World!

Marantz offers a complete line of programmable system remotes. Want to control your system at the touch of a button? No problem! Every remote features one button "macro" operation and is pre-programmed to operate an entire Marantz audio/video system. In addition, they all feature powerful learning capabilities. The intuitive "hard" buttons provide instant access to critical functions and easy navigation between screens. Our touch screen remotes provide many enhanced features. The high resolution black and white or color displays feature anti-glare coatings so you can read them easily even under difficult conditions. If you're into computer technology, Marantz-supplied software and your PC can create custom icons, graphics, even animations so the remote you choose is truly yours. Marantz remote controllers are versatile and expandable. Look for new and innovative downloads @ [www.marantz.com](http://www.marantz.com).

**The family of Marantz remote controls are versatile and expandable.  
Look for new and innovative downloads @ [www.marantz.com](http://www.marantz.com)**



### RC9500 COLOR LEARNING UNIVERSAL REMOTE

- Large TFT Color Touch Screen
- High Resolution 320 x 240 Pixels LCD Display
- 64k Color Pallet
- Massive 16MB Non-volatile Flash Memory (Expandable up to 48MB by Future Firmware Update)
- Advanced Transparent Graphics by PNG File
- Programmable Timers
- IR/RF Transmission Capability
- Digital Brightness Control
- Editable Macros (250 Commands per Macro)
- Virtually Limitless Number of Devices, Macros, Panels and Buttons
- Pre-programmed Marantz Product Templates
- Setup Protection
- USB Port for PC Connection
- Auto-On Pickup Sensor
- Device/Page Navigation by Cursor Keys
- Adjustable Auto Shut off Timer
- Recharging Dock Station
- Ni-MH Rechargeable Batteries Included
- Utilizes New Edit Software: Wizz.it 9
- Black Metallic/Silver Finish
- Optional: RX-77 RF Extender



### RC5400 UNIVERSAL LEARNING REMOTE

- Large Monochrome Touch Screen
- High Resolution 320 x 240 Pixels LCD Display
- 16 Gray Scales
- Huge 8MB Non-volatile Flash Memory
- IR/RF Transmission Capability
- Digital Contrast Control
- Editable Macros (250 Commands per Macro)
- Virtually Limitless Number of Devices, Macros, Panels and Buttons
- Pre-programmed Marantz Product Templates
- Setup Protection
- USB Port for PC Connection
- Auto-On Pickup Sensor
- Device/Page Navigation by Cursor Keys
- Adjustable Auto Shut off Timer
- Recharging Dock Station
- Ni-MH Rechargeable Batteries Included
- Utilizes New Edit Software: Wizz.it
- Silver/Pearl Finish
- Optional: RX-77 RF Extender



### RC3200 PROGRAMMABLE TOUCHSCREEN LEARNING REMOTE

- Monochrome Touch Screen
- 160 x 100 Pixels LCD Display
- 4 Gray Scales
- Digital Contrast Control
- Blue EL Backlighting for LCD and Hard Buttons
- Pre-Programmed Marantz IR Codes
- 3-Wire (RS232C) Serial Port Connector
- IR Sending and Learning LEDs
- Learning Frequency: up to 56kHz and 455kHz
- 1 MB Non-volatile Flash Memory Macro, Beep and Timer Function
- Two-way IR Communication Capability with Marantz SR9600/SR9300/SR9200/SR8300/SR8200 Home Theater Receivers



### RC1400 UNIVERSAL LEARNING REMOTE

- Easy-to-Read LCD Display with Adjustable Contrast
- Backlighting Feature for LCD and Buttons
- Simplified Programming, Naming & Control Functions
- Separate Channel and Volume Up/Down Keys Located for Easy, Comfortable Access
- Large Memory Capacity
- Non-volatile Memory Assures Programmed Commands will not be Erased from Memory
- Macro Capability
- Programmable Timer function
- Built-in Commands for Marantz A/V Components and Other Major Manufacturers Products

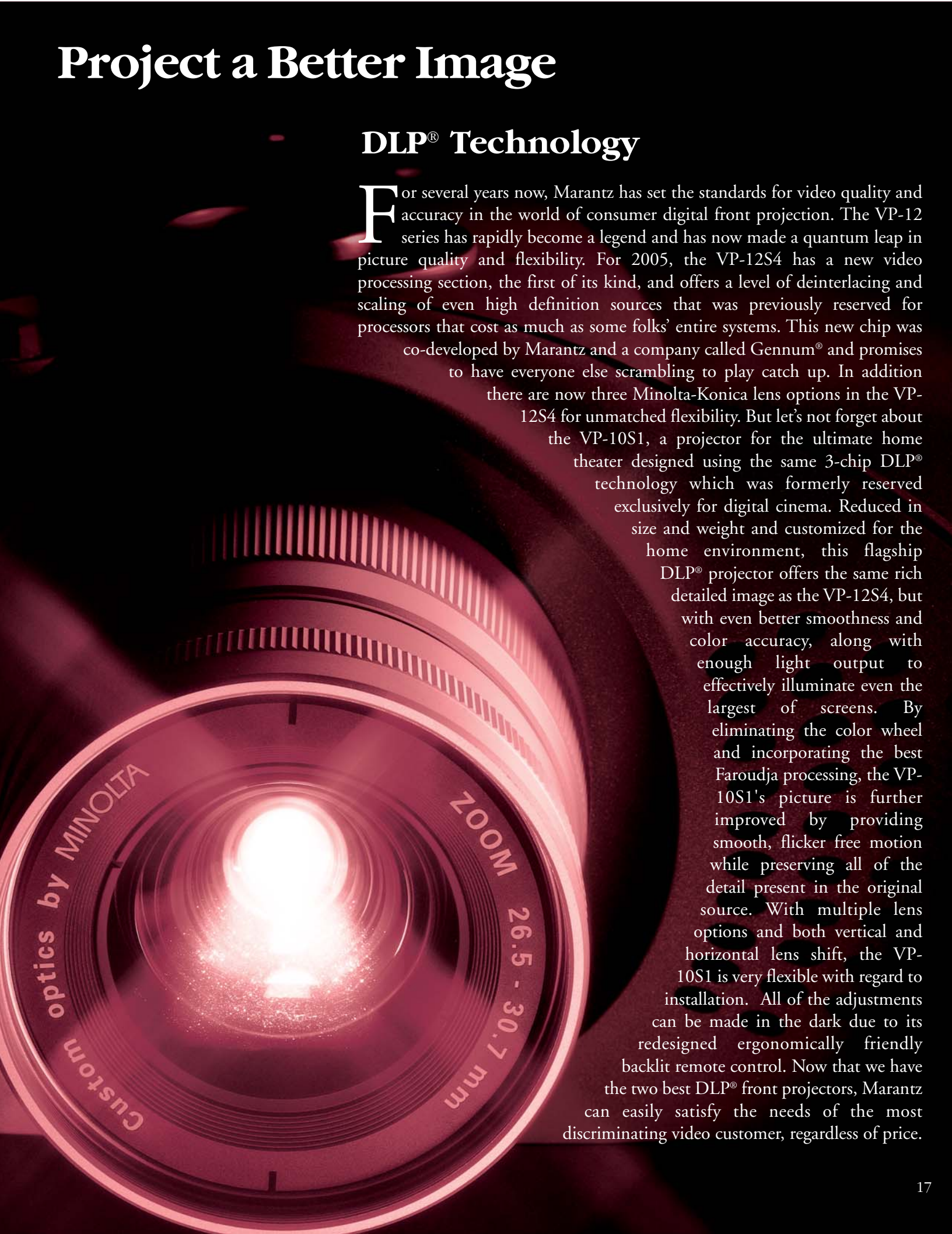
### RX-77 RF Extender

- Operation via RF. This Allows for Control of Components that are in a Different Room or not in Line-of-sight
- 4channels and 16 IDs Selectable
- Supplied with IR Blasters
- Optional with the RC9500 and RC5400



# Project a Better Image

## DLP® Technology



For several years now, Marantz has set the standards for video quality and accuracy in the world of consumer digital front projection. The VP-12 series has rapidly become a legend and has now made a quantum leap in picture quality and flexibility. For 2005, the VP-12S4 has a new video processing section, the first of its kind, and offers a level of deinterlacing and scaling of even high definition sources that was previously reserved for processors that cost as much as some folks' entire systems. This new chip was co-developed by Marantz and a company called Gennum® and promises to have everyone else scrambling to play catch up. In addition there are now three Minolta-Konica lens options in the VP-12S4 for unmatched flexibility. But let's not forget about the VP-10S1, a projector for the ultimate home theater designed using the same 3-chip DLP® technology which was formerly reserved exclusively for digital cinema. Reduced in size and weight and customized for the home environment, this flagship DLP® projector offers the same rich detailed image as the VP-12S4, but with even better smoothness and color accuracy, along with enough light output to effectively illuminate even the largest of screens. By eliminating the color wheel and incorporating the best Faroudja processing, the VP-10S1's picture is further improved by providing smooth, flicker free motion while preserving all of the detail present in the original source. With multiple lens options and both vertical and horizontal lens shift, the VP-10S1 is very flexible with regard to installation. All of the adjustments can be made in the dark due to its redesigned ergonomically friendly backlit remote control. Now that we have the two best DLP® front projectors, Marantz can easily satisfy the needs of the most discriminating video customer, regardless of price.



## VP-10S1 3 Chip DLP™ High Definition Projector



The soon-to-be legendary VP-10S1 uses 3-chip DLP® technology which uses a separate DMD™ device to process each primary color. This is the same technology used in the big DLP Cinema® projectors found in many of the state-of-the-art movie palaces worldwide. By combining this proven methodology with Marantz's expertise in video projector design, the VP-10S1 will display an image that truly must be experienced to be believed. Colors so saturated that you will want to pinch yourself to see if you are dreaming, and a black level that can be approximated by outer space — barely. If you were waiting for digital projection to become better than CRT, your wait has ended.

- Texas Instruments 3-chip DLP® Technology
- High Definition DMD™ HD-2 "Mustang" Chipset
- 3 Chip, 10-Bit Faroudja DCDi™ Processing
- 14-Bit Gamma Correction
- 12-Bit Color Path
- 1200 ANSI Lumens Brightness
- >3600:1 Contrast Ratio
- Custom Optics by Marantz
- 3 Lens Options
- Motorized Lens (Shift H/V, Zoom, Focus)
- Exclusive O.R.C.A.™ Color Corrected Light Source
- Coated and Painted Combining Prism
- 250 Watt VIP Lamp
- DVI Input with HDCP
- Auto Color Temperature Calibration System
- 2 Multi-scan Component Inputs (RCA and BNC)
- RS232C Terminal for System Control
- 2 DC Triggers
- D-BUS Remote Connection (3.5mm Mini-jack)
- Illuminated I/O Terminal Panel





### A Quantum Leap in Projector Performance

After the continuing evolution and success of the VP-12 series, people were asking, "how much better can it possibly get?" Upon witnessing the VP-12S4, you will wonder how that could even be asked. The VP-12S4 will make your jaw drop with the smoothest, most seamless and lifelike image ever delivered from a single chip solid state video projector. First, we start with the already proven platform of Texas Instruments' HD2+ DLP® chipset. This year it has been improved by using their DarkChip 3 design, which tightens the space between the mirrors for even less pixelization than before. In addition this chipset operates at a higher speed, reducing dither noise in low light portions of the image. As in the previous generation, it also utilizes the seven segment color wheel which also aids in the reduction of temporal dithering. Then we add a new lens to the already legendary and award winning lineup of optics from Konica-Minolta. This new lens is a middle throw distance lens and fits comfortably between the original standard lens (now called the Short Throw) and the Long Throw lens. To improve flexibility we increased the amount of vertical lens shift for all three lenses to allow mounting as much as fifty percent of the screen height above the top of the viewable area. But the crowning achievement is a completely new video processing engine. This new processing chip was developed by Gennum® (specifically for the VP-12S4) and is the most powerful video processor ever included in a video display device—consumer or professional. It offers true motion adaptive deinterlacing of all non-progressive sources – HD included – with inverse telecine (3:2 pull down), jagged edge reduction circuitry, 4:4:4 processing at a true 10 bit color depth (over 1 billion colors displayed) and a new level of flexibility for the installer including sizing and blanking controls. This level of smoothness and filmlike realism has been previously reserved for professional 3-chip type devices and of course, film. But reading about it here won't do it nearly as much justice as experiencing it for yourself at your nearest authorized dealer.

- Texas Instruments DLP™ Technology
- High Definition 720p DarkChip3™ DMD™ Chipset
- New High-Fidelity Video Processing Engine by GENNUM®
- GENNUM® GF9350 VXP™ Technology is Composed by 4 Major Functions,
  - TruMotionHD™: Deinterlacing Technology for Full HD Signal
  - FineEdge™: Adaptive Edge Correction/Enhancement Technology
  - Reality Expansion™: Advanced Color/Resolution Reproduction Technology by Full 10-Bit Processing and 4:4:4 Sampling
  - FidelityEngine™: Noise Reduction and Image Enhancement Technology
- Newly Developed Custom Optics by Konica-Minolta with Three Throw Ratios
- Larger Vertical Lens Shift to a Max of 80% of Screen Height Above the Screen
- Exclusive O.R.C.A.™ Color Corrected Light Source
- >4500:1 Contrast Ratio
- >700 ANSI Lumens Brightness
- Brightness Uniformity: 90%
- 2 HDMI Inputs
- Adjustable Iris
- Sealed Optical Path
- No Light Leakage (Double Sealed Cabinet Structure)
- Extremely Quiet (Noise Canceling Construction, Sealed Color Wheel Motor)
- Vertical Keystone Correction
- NTSC, PAL, SECAM, and ATSC Compatible
- VGA to SXGA PC Signal Compatible
- 5 Gamma Selections
- Auto Color Temperature Calibration System
- 18 Picture Memories
- Black Level Selection
- 2 Multi-scan Component Inputs
- RS232C Terminal for System Control
- 2 DC Triggers Outputs
- D-BUS Remote Connection (3.5mm Mini-jack)
- Illuminated I/O Terminal Panel



14 Element Custom Optical Assembly from Konica-Minolta



GENNUM® GF9350 VXP™ Chip





## The Flatscreen Experience

Marantz plasma monitors do two things extraordinarily well. First, they are superb examples of the finest flat screen technology you can enjoy in your home. Second and perhaps even more importantly, they symbolize – in the most concrete way possible – Marantz's continuing dedication to complement the legendary performance of our audio components with the finest in video-based home entertainment.

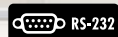
Each widescreen monitor combines impressive design and benchmark technologies in a seamless blend to expand your viewing pleasure. The Marantz reference-grade image begins with a proprietary high-contrast glass screen that benefits from an advanced anti-reflective coating. Internal circuitry includes the best color filters and processing to virtually eliminate the jagged edges and color bleeding that often mar other plasma displays. There's even special circuitry and high quality phosphors to safeguard the screen from image retention artifacts. Every Marantz plasma display accommodates an almost-astounding array of video sources. The internal scaler transparently matches source and screen characteristics for unsurpassed clarity, contrast, and color purity.

Ready to illuminate your home with the finest images from all of your favorite sources, the Marantz plasma monitors provide an ideal solution for any home entertainment and multimedia application. The slim and stylish bezels combine sophisticated aesthetics and easy installation. Thanks to internal amplifiers, these plasma monitors are waiting for you to add complementary speakers. Or you can connect the audio outputs of your favorite multi-media sources to a Marantz surround receiver for sound that's as authoritative as the images you'll see.

In short, our plasma monitors simply extend more than a half-century of commitment and expertise into the video age. We are proud to present them for your consideration.



At 61", the PD6140D virtually defines the word "involving." In fact, this plasma monitor is almost impossible to ignore. With resolution that takes you into the High Definition Era and a precision internal scaler to optimize any video signal, you'll enjoy the finest images your favorite video sources can supply. In fact, you'll be stunned by this monitor's contrast and deep, vibrant colors. This image quality is a result of an almost-fanatical insistence on the best materials like a precision extruded glass screen. We utilize the most advanced electronics to bring a full "plasma-perfect" image into your viewing room. Improvements include a menu system that simplifies initial calibration so you're sure of getting the best picture. You'll also find the latest DVI inputs so you'll be able to enjoy even the newest digital video sources with absolute fidelity. Technology without compromise. Execution without blemish. That's the PD6140D plasma monitor. In other words, nothing less than a Marantz.





#### PD5050D HD Ready Plasma Monitor

The PD5050D brings the same outstanding technology as the 61" plasma to more "intimate" proportions. The high resolution screen presents an exciting and panorama-like widescreen experience and provides a totally new dimension when viewing your favorite video sources. The built-in de-interlacer/scaler makes sure every source looks as good as it possibly can. Speaking of sources, the PD5050D has all the inputs you'll need for even the most advanced home entertainment system. You'll find analog RGB (via BNC connectors) in addition to Composite, S-Video and Component inputs (via both RCA and BNC connectors). Computer-ready input capabilities range from VGA to Wide XGA. There's also HDMI input for the most up-to-date digital data transfer from source to screen. Styled with a thin black "gunmetal" bezel, the PD5050D blends with almost any décor. The wide viewing angle means you can sit almost anywhere you like and not miss any of the color or contrast. But that's probably just what you'd expect, isn't it? After all, this is a Marantz.



#### PD4250D HD Ready Plasma Monitor

Here's a major contender in the ultra-popular 42" screen size sweepstakes. You'll appreciate the high definition 1024 x 768 16:9 widescreen display. You'll see virtually all the details your favorite video sources bring into your home. And those older analog sources like NTSC TV broadcasts – even VCR tapes – will benefit from the internal line doubler/scaler. The PD4250D comes complete with an HDMI input so it will accept the most advanced digital sources. The PD4250D is framed with a black gunmetal bezel. So it will look almost as good turned off as it does when you're watching your favorite program. You'll also appreciate the simplified set-up menu. The wide viewing angle means you don't have to be right in front of the set to fully enjoy it, either. The PD 4250D plasma monitor. It's your window to the rest of the world. And it gives you all the fidelity you've come to expect from Marantz.



#### PD4230V Plasma Monitor

Want to add the drama of a 42" plasma display to a smaller area of your home but don't want to invest a lot of money? The PD4230V may be your answer. This extended definition plasma panel is no slouch in the video department and you needn't take our word for it, either. (A well respected consumer publication gave it a "best in class" review.) Of course, we're flattered. But the best review is the one you'll give the PD4230V in your own home. You'll benefit from the same wide viewing angle, the same line doubler/scaler circuitry for optimum pictures from NTSC broadcasts or videotapes, and the same connectivity advantages as our more expensive monitors. So sit back, start your DVD player and settle in for a most rewarding experience. And when the movie's over, you'll notice the trim black gunmetal bezel that makes the PD4230V blend so easily with your room furnishings. After all, a Marantz has to be dressed to appear anywhere.

All Marantz Plasmas on This Page Feature:



Compatible



# There Are No Limits!

The recreation of sound has been the passion that has driven Marantz for more than half a century. It is this commitment that has motivated us to produce some of the finest components in the history of consumer electronics. This desire has kept us at the forefront of the industry by leading the way with new and exciting products.

Whether you're talking about amplifiers or CD players, Marantz has been the benchmark. The legendary Model 9 mono block amplifiers, for example, were so incredible that NASA utilized a variation of them in the Apollo space program (and if you thought the model 9's were wonderful, wait until you see their replacements – the MA-9S1).

Our current amplifiers are so well thought out that they are the perfect choices for any high-end two channel system, home theater system or elaborate whole-house audio distribution system.

The model 10b tuner, introduced 1963 is still considered one of the best tuners ever made, even by today's standards. Today's ST-17 takes a page from the 10b's book, and it's even better looking too!

In the early 80's, Marantz was the first company in the world to announce a CD player, the CD-63 top loader. A few years later, we followed that introduction up with the world's first two piece CD player – the CD-12, arguably the best CD player ever produced. Continuing with our desire to lead, Marantz was one of the first companies to introduce SACD technology. The rave reviewed SA-1 paved the way for our current SA8260 multi-channel SACD player, the brand new SA-11S1, as well as our audiophile "on a budget" players such as the CC4300 5 disc CD changer and the CD5400 single disc CD player.

For 2005, Marantz continues to innovate the distributed audio world with the ZS5300 Multi-zone Control Amplifier. This and every other one of these products adheres to our design philosophy over the past 50+ years...the reproduction of music, exactly as the artist had intended.





For more  
Information on  
the Marantz  
Reference  
Products, please  
see our dedicated  
brochure.

**SC-7S1/MA-9S1.** The audio community has never forgotten the Marantz Model 7 preamplifier and Model 9 monophonic power amplifier. Now, more than 40 years later, these products still stand as an ideal fusion of original circuit design and outstanding aesthetic appeal. Indeed, they were one of the main forces that established the Marantz reputation - and remain a source of inspiration for many designers and enthusiasts.

Today, the distinctive voices of the original Model 7 and Model 9 are reborn in the SC-7S1 stereo preamplifier and MA-9S1 monaural power amplifier. These works of art define new horizons in both musical performance and contemporary elegance. They are enduring testaments to the synergy of today's advances in physics, electronic circuitry, and metallurgy guided by our unwavering respect for the past.

That is why we assigned to these products model numbers directly traceable of our heritage. When you hear them, you'll understand.

Improvements, while maintaining original integrity include:

- Enhancement of Channel Separation in the High Frequency Range
- Significant Reduction of Cross Talk
- Low Impedance Drive Capability
- High-speed Signal Handling Capability
- High Instantaneous Current Delivery Capability
- Highest Reproduction Capability



**ST-17.** The Marantz ST-17 AM/FM Tuner continues our tradition of providing the ultimate performance as it incorporates a number of engineering and design innovations that make it ideal for receiving even weak FM broadcasts. Specifically tuned for crystalline reception, the ST-17 features a segmented power supply, careful internal component choice, short signal paths, and our exclusive HDAM output devices all housed in a rigid chassis that shields the interior from electromagnetic and vibration interferences. It is a tuner fully in the Marantz tradition and one of the best you can place in your system.



## PM-11S1/SA-11S1 Reference Integrated Amplifier/Super Audio CD Player



**PM-11S1.** A ground-up design, the PM-11S1 fulfills the promise of no-compromise sound with the finest wideband sources. It also preserves the simple yet elegant design that has distinguished Marantz for more than half a century. An unequalled array of technology and craftsmanship reside inside the champagne-finished, copper-plated chassis. The PM-11S1's circuitry draws directly from the SC-9S1 preamplifier and MA-9S1 monoblock power amplifier. A toroidal transformer forms the heart of a prodigious multi-segmented power supply that thoroughly isolates each stage and allows the wideband amplifier section to double its output as speaker impedance drops. All inputs and outputs, including the MM/MC phono, are buffered with Marantz's HDAM-SA modules to insure satin-smooth signal transfer. The precision Wolfson WM8816 volume control and WBT speaker terminals merely hint at further refinements. A floating control bus synchronizes multiple PM-11S1s for use in the finest multi-channel music systems.



- SC-7S1/MA-S1 Inherited Design
- Massive Hybrid Toroidal Transformer
- Choke Input System Power Supply Circuit
- Fully Balanced Pre-Amplifier Construction
- Dual Mono-block Power Amplifier Construction
- Evolved New HDAM® SA2
- High-precision Liner Volume Control
- Marantz F.C.B.S (Floating Control Bus System) for the Ultimate Multi-Ch Configuration
- Zero Noise LCD Display



**SA-11S1.** This is the ultimate music disc player. The SA-11S1 joins other products in Marantz's vaunted Reference Series to fulfill the dream of every music-conscious audiophile: A system that simply passes music from the artist's mind to the listener's ear. The heavy copper-plated chassis damps unwanted mechanical resonances while it shields delicate 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 path circuits boast custom-selected and, in some cases, custom-made 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!



- New Precision Drive Mechanism with vibration Free Stabilizing Plate
- Accurate Selectable Digital Filters
- Over-sized Toroidal Transformer
- Triple HDAM®/Channel Construction
- PEC (Phase Error Compensation) Circuit to Eliminate the Phase Delay Error
- Gold Plated Solid Brass Terminals
- Zero Noise LCD Display





**PM7200.** The Marantz PM7200 Stereo Integrated Amplifier offers music enthusiasts uncompromising audiophile sound quality and flexibility without the high price. It delivers 2 x 95 Watts (RMS into 8 ohms), rising to 155 Watts with 4 ohm speakers. A single push-pull amplifier, symmetrical circuitry with independent heat sinks, anti-resonant, metal front panel and hand selected customized components including HDAM, assures extremely dynamic sound reproduction with accurate tonal and image balance. It also offers 25 Watts of pure Class A operation for distortion-free sound at low volume levels, gold-plated input and output terminals and heavy duty speaker terminals. With full system remote control operation, the PM7200 is the ideal center piece for the true audiophile music system on a budget.

- Output Power 2 x 95 Watts/2 x 25 Watts in Class A Operation
- Linear Drive Power Supply, for Stable but Responsive Power Delivery
- Proprietary HDAM in Output Stages for Superb Dynamics and High Slew Rate
- Five Source Inputs, Including MM (Moving Magnet) Phono Input
- Dual Mono Construction with Separate Solid Heatsinks for Improved Stereo Image
- High Quality Bass and Treble Tone Controls
- Source Direct Option
- Record Out Selector
- Two Sets of Speaker Terminals
- Non-tarnishing Gold Plated Terminals
- D-BUS (RC-5 In/Out) Remote Connection
- Remote Control Included



**ST6000.** The ST6000 provides legendary Marantz tuning performance. Incorporating a high-sensitivity digitally synthesized tuning section for clear reception and outstanding audio quality, it offers a variety of convenience features that make it ideal for high-performance audio systems and custom installations.





**SR4320.** A full-featured stereo control center that combines exceptional sound quality with a host of performance and convenience features including remote control operation. The SR4320 provides 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 enables it to form the core of a stand alone hi-fi system, but also to be added in to high quality Multi-zone installations.

- 80 Watts x 2 - Discrete Amplifier Stages
- Oversized Power Transformer
- Heavy Duty Speaker Terminals
- Preamp Outputs/Main-amp Inputs (for the addition of a More Powerful Amplifier - Perfect for Whole House Audio Distribution Systems)
- Video Inputs for DSS, VCR and DVD
- Video Output for VCR and Monitor
- Speaker Outputs: - A, B, A+B, OFF
- D-BUS (RC-5 In/Out) Remote Connection
- Full Function Remote Control



**ZS5300.** A 6-Channel Multi-Zone Control Amplifier designed specifically for an all-in-one solution to Custom Distributed Audio. When combined with a Marantz AV Receiver and/or other source components (eg. Music Server, CD Player and Cassette Deck), the ZS5300 transforms your main system into a 'Whole House Audio System'. Add another ZS5300 (up to 3) for a total of 9 zones. Ease of use and installation make the ZS5300 one of the most flexible, comprehensive and perfect audio products ever invented. In terms of sound quality, Custom Retailer (N/D, 2003) thought that the ZS5300 "had the speed and clarity" of our old mono-block amplifiers, the MA500's. They also said, "there was a sense of authority that is missing from lesser amps designed for multi-room use."

- 6 x 60 Watts (All Discrete Amplifier Section)
- Identical Amplifier Stages for all 6 Channels
- Matrix Audio Selector
- Multiple Zone/Source Indicators
- Share the 3 Source Components
- 3 Independent Zones/Rooms
- Major Keypad Compatibility
- Expandable to 9 Independent Zones with Loop Outputs and Selectable 3 IDs
- Party Mode
- Dedicated Pre-out Connection (for the Addition of a High Powered Amplifier such as the MM9340)
- DC Status Trigger Outputs for Keypad
- Local Input/Zone
- D-BUS (RC-5 In/Out) Remote Connection





#### RECOMMENDED "CLASS A" BY STEREOPHILE MAGAZINE (APRIL 2004)

**SA8260.** Marantz proudly presents a triumphant achievement: the remarkable SA8260 Super Audio CD player. By incorporating our vast knowledge with the development of the SA-1, SA-12S1, SA-14, and SA-14v.2 SACD players, Marantz is now able to deliver the depth, dynamics and sonic accuracy at a remarkable new price. Reflecting the success of the highly acclaimed CD-63SE, the SA8260 is destined to be the next legend.



- Plays Back: SACD-Stereo/Multi-Channel, CD, CD-R/RW Discs
- Marantz Original High Accuracy SACD Drive Module
- CS4397 DACs by Cirrus Logic®
- Current Feed Back HDAM Circuits for All Analog Audio Outputs
- Audiophile Grade Capacitors
- Double Layered Chassis Construction
- "Zero Impedance" Copper Ground Plate for Analog Output Terminals
- Gold Plated Terminals
- D-BUS (RC-5 In/Out) Remote Connection



**CD5400.** If budget audiophile sound quality is what you're looking for, then the Marantz CD5400 is the ideal CD player to upgrade your system. It combines our latest CD transport mechanism for superb CD playback with customized components such as state of the art digital-to-analog converters improved detail, imaging and sound stage. The CD5400 also features the ability to playback CD-R and CD-RW discs and displays CD-Text information such as artist name, and track titles. A choice of gold plated outputs, including coaxial digital, guarantees the best connection to your system. Also included is a dedicated remote control.

- Plays Back; CD, CD-R/RW Discs
- CD Text Compatible
- Variety of Programming Options
- Random and Repeat Functions
- Pitch Control
- High Quality Headphone Jack
- Convenient Record Functions Such as Peak Search and Track Edit
- Optical and Coaxial Digital Output
- Remote Control Included
- D-BUS (RC-5 In/Out) Remote Connection







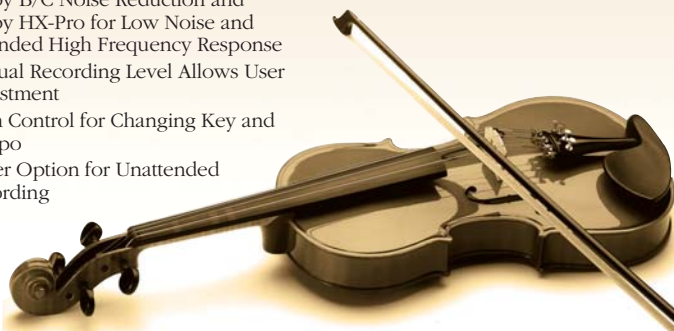
**CC4300.** The CC4300 incorporates premium Marantz parts and construction, to deliver uncompromising audio performance - rivaling more expensive single-disc players. Featuring high quality optics, audiophile-grade internal components and strengthened mechanical construction, the CC4300 offers the best of both worlds - pure high-end audio clarity and the convenience of multi-disc playback. If system integration is important, then the CC4300 is for you. It features a RS232C terminal as well as discrete commands for flawless operation.

- 1-Bit 8 Times Oversampling DACs
- Dedicated "Changer" Mechanism
- Random and Repeat Modes
- Exchange 4 Discs While a 5th Disc is Playing
- RS232C Terminal for System Control (1-Way)
- Optical and Coaxial Digital Output
- High Quality Headphone Jack
- D-BUS (RC-5 In/Out) Remote Connection



#### **SD4050.**

- Autoreverse Twin-deck Design Allows Continuous Play and Record (Deck B) from One Loaded Tape to Another
- Super-Hard Permalloy Heads and Anti-resonant Front Panel Ensure Faithful Reproduction with Wide Dynamic Range and Minimal Wow and Flutter
- Peak Level Read-out, Fine Bias Tuning and Syncro Start of Tape and CD Ensure Accurate and Professional Style Home Recordings
- One-touch Dubbing with Hi-speed Option
- Dolby B/C Noise Reduction and Dolby HX-Pro for Low Noise and Extended High Frequency Response
- Manual Recording Level Allows User Adjustment
- Pitch Control for Changing Key and Tempo
- Timer Option for Unattended Recording



With the vast array of home theater and custom products being specified into a diverse mix of complex installations, the need for flexible, powerful, reliable multi-channel amplifiers has never been greater. Marantz rises to the occasion with two power amplifiers, the MM9360 and the MM9340. Utilizing state of the art, high-speed MOSFET designs with spectrum spread switching technology, Marantz has created a pair of multi-channel power amps that provide power, up to 5 times more efficient than convention class A or AB amps. This efficiency means reduced heat (waste) that instead is transformed into clean, stable, musical power, designed to drive virtually any speaker system available today.



RM9360 – Optional Rack mount kit, available for either the MM9360 or the MM9340

#### MM9360.

- All Discrete Amplifier Design
- Massive Toroidal Power Transformer
- MOSFET High Speed Output Devices
- 150 Watts (Continuous) x 6–All Channels Driven Simultaneously into 8 ohms
- 250 Watts (Continuous) x 6–All Channels Driven Simultaneously into 4 ohms
- Bridged Mono Mode
- 500 Watts (Continuous) x 3–All Channels Driven Simultaneously into 8 ohms
- Flexible Output Configurations
- Rack Mountable
- “Zero” Top/Bottom Clearance Design
- Gold Plated RCA Inputs
- XLR Inputs
- RC-5 Jacks
- 12 Volt DC Triggers
- 5-Way Binding Posts
- Home Theater/Custom Install Ready
- Designed and Built in the United States



#### MM9340.

- All Discrete Amplifier Design
- Massive Toroidal Power Transformer
- MOSFET High Speed Output Devices
- 275 Watts (Continuous) x 4–All Channels Driven Simultaneously into 8 ohms
- 400 Watts (Continuous) x 4–All Channels Driven Simultaneously into 4 ohms
- Bridged Mono Mode
- 800 Watts (Continuous) x 2–All Channels Driven Simultaneously into 8 ohms
- Flexible Output Configurations
- Rack Mountable
- “Zero” Top/Bottom Clearance Design
- Gold Plated RCA Inputs
- XLR Inputs
- RC-5 Jacks
- 12 Volt DC Triggers
- 5-Way Binding Posts
- Home Theater/Custom Install Ready
- Designed and Built in the United States



## Product Accessories

### PD6140D ACCESSORIES



AS6140 Accessory Stand for PD6140D

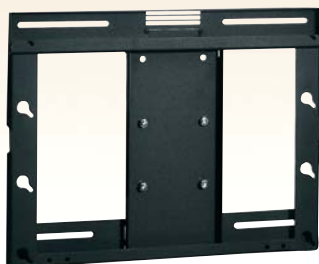


WB6100 Tilting Wall Mount Bracket for PD6140D



WB6200 Flush Wall Mount Bracket for PD6140D

### PD5050D/PD4250D/PD4230V ACCESSORIES



WB5400  
Flush Wall Mount Bracket for  
PD5050V/PD4250v/PD4230v



WB4000  
Tilting Wall Mount Bracket for  
PD5050V/PD4250V/PD4230V



AS5400  
Accessory Stand for  
PD5050V/PD4250V/PD4230V

### AJ8300 RS-232 CABLE FOR MV8300



### VP-10S1/VP-12S4 ACCESSORIES

MOUNT12  
Ceiling Mount Bracket for VP-12S4

MOUNT10  
Ceiling Mount Bracket for VP-10S1



EXT10  
Extension Rod for MOUNT 10 Ceiling Bracket

EXT81  
Extension Rod for MOUNT 12 Ceiling Bracket



### VQ2400 HD COMPATIBLE VIDEO UP CONVERTER WITH TBC

This groundbreaking product was designed to make every home theater a lot less complicated. To use, simply connect the Composite Video, S-Video, and/or Component Video outputs from your existing receiver/preamp to the corresponding inputs on the VQ2400 and then connect one cable from the Component Video output on the VQ2400 to your display device. Power it with the included 12 volt power supply and the VQ2400 will seamlessly "upconvert" all the signals to component level, eliminating the need to run multiple cables from your equipment rack to the video display. From then on, you will never need to switch inputs on your display device again. It's that easy and it is compatible with virtually any Receiver/Pre Amp available, regardless of brand. The VQ2400 also incorporates Time Based Correction for compatibility with fixed pixel devices such as plasma displays and DLP projectors.



## AV Receivers

	SR9600	SR8500	SR7500	SR5500	SR4500
<b>FEATURES</b>					
<b>MULTICHANNEL/SURROUND</b>					
Number of Channels	7	7	7	7	7
THX	Ultra 2	Select	Select	-	-
DTS (ES, Discrete 6.1/ Matrix 6.1, Neo-6)	• (+ 96/24)	• (+ 96/24)	• (+ 96/24)	• (+ 96/24)	• (+ 96/24)
Dolby Digital EX	•	•	•	•	•
Dolby Pro Logic IIx	•	•	•	•	•
Circle Surround II	•	•	•	•	•
<b>SOUND ENHANCEMENTS</b>					
HDCD Decoder	•	•	-	-	-
Current Feedback Topology	•	•	•	•	-
Discrete Amplification	• (All 7ch)	• (All 7ch)	• (All 7ch)	• (All 7ch)	X (All 7ch)
Power Transformer	Toroidal	Toroidal	EI	EI	EI
D/A Conversion	192kHz/24-Bit	192kHz/24-Bit	192kHz/24-Bit	192kHz/24-Bit	192kHz/24-Bit
Digital Signal Processing	Cirrus Logic® Dual 32-Bit	Cirrus Logic® 32-Bit	Cirrus Logic® 32-Bit	Cirrus Logic® 32-Bit	Cirrus Logic® 32-Bit
Video Off	•	•	•	•	•
Source Direct	•	•	•	•	•
Chassis	Copper Plated with Double Bottom Plate	Copper Plated with Double Bottom Plate	Metal	Metal	Metal
Variable X-over	•	•	•	•	•
Display Off	•	•	•	•	•
Video Up-conversion	Up to Component with TBC	Up to Component with TBC	Up to Component with TBC	Up to Component	Up to S-Video
M.R.A.C. (Marantz Room Acoustic Calibration)	•	•	•	-	-
Dual AM/FM Tuner	•	-	-	-	-
Bass Management	•	-	-	-	-
Lip-sync (digital Audio Delay)	•	•	•	•	-
Software Upgradable (RS232)	•	•	•	-	-
<b>IN/OUTPUTS</b>					
<b>VIDEO</b>					
HDMI In	2	2 (DVI)	-	-	-
Component In	4 (Assignable Inputs)	4	4	2 (Assignable Inputs)	2
S-Video In	7	5	5	5	3
Composite In	7	5	5	5	4
HDMI Out	1	1 (DVI)	-	-	-
Component Out	2	1	1	1	1
S-Video Out	4	3	3	3	2
Composite Out	6	4	4	3	3
<b>AUDIO</b>					
Analog L&R In	10	8	8	8	7
Analog L&R Out	6	5	5	5	4
Digital Optical In	5	4	4	2	2
Digital Coaxial In	4	3	3	2	2
Digital Optical Out	1	1	1	1	1
Digital Coaxial Out	1	1	1	1	1
IEEE1394 Connection	2	-	-	-	-
<b>OTHER</b>					
Pre-Amplifier Out	8ch	8ch	8ch	8ch	8ch
Main Amplifier In	8ch	-	-	-	-
Multi-Channel In	8ch	8ch	8ch	8ch	8ch
Multi-Room Audio Out	2 (L&R)	1 (L&R)	1 (L&R)	1 (L&R)	-
Multi-Room Video Out	2 (Composite)	1 (Composite)	1 (Composite)	-	-
Multi-Room Speaker Out	•	•	•	•	-
Speaker A/B	•	•	•	-	Surround Speaker "B"
External Control (RS232C)	•	•	•	•	-
DC Triggers	4	2	2	1	-
D-Bus Remote (RC-5) In/Out	2 / 2	2 / 2	2 / 2	2/2	1/1
External IR In/Out	2 / 4 (Flasher & Emitter In/Emitter Out)	2/- (Flasher Input)	2/- (Flasher Input)	-	-
Front Panel A/V Inputs	• (+ Digital Opt.)	• (+ Digital Opt.)	• (+ Digital Opt.)	•	-
Headphone Out	• (Dolby Headphone)	• (Dolby Headphone)	• (Dolby Headphone)	• (Dolby Headphone)	• (SRS TruSurround Headphone)
AC Outlets (Switched/Unswitched)	1/1	1/1	1/1	1/1	1/1
<b>SPECIFICATIONS</b>					
<b>AUDIO SECTION</b>					
Power Output (8 Ohm)	140W x 7 (<0.08%, 20Hz - 20kHz/THD)	125W x 7 (<0.08%, 20Hz - 20kHz/THD)	105W x 7 (<0.08%, 20Hz - 20kHz/THD)	90W x 7 (<0.08%, 20Hz - 20kHz/THD)	80W x 7 (<0.08%, 20Hz - 20kHz/THD)
S/N Ratio	105dB	105dB	105dB	105dB	105dB
Freq. Response (Analog In)	8Hz - 100kHz (+/- 3 dB)	8Hz - 100kHz (+/- 3 dB)	8Hz - 100kHz (+/- 3 dB)	8Hz - 100kHz (+/- 3 dB)	8Hz - 100kHz (+/- 3 dB)
Freq. Response (Dig In)	8Hz - 45kHz (+/- 3 dB)	8Hz - 45kHz (+/- 3 dB)	8Hz - 45kHz (+/- 3 dB)	8Hz - 45kHz (+/- 3 dB)	8Hz - 45kHz (+/- 3 dB)
<b>TUNER SECTION FM</b>					
Frequency Range	87.5 - 108.0MHz	87.5 - 108.0MHz	87.5 - 108.0MHz	87.5 - 108.0MHz	87.5 - 108.0MHz
S/N Ratio (Mono/Stereo)	Mono/Stereo 75/70 dB	Mono/Stereo 75/70 dB	Mono/Stereo 75/70 dB	Mono/Stereo 75/70 dB	Mono/Stereo 75/70 dB
<b>TUNER SECTION AM</b>					
Frequency Range	520 - 1710kHz	520 - 1710kHz	520 - 1710kHz	520 - 1710kHz	520 - 1710kHz
S/N Ratio	50 dB	50 dB	50 dB	50dB	50 dB
<b>VIDEO SECTION</b>					
Video Freq. Response (Component)	5Hz - 80MHz (- 1 dB)	5Hz - 80MHz (- 1 dB)	5Hz - 80MHz (- 1 dB)	5Hz - 80MHz (- 1 dB)	5Hz - 80MHz (- 1 dB)
Video Freq. Response (Composite, S-Video)	5Hz - 8MHz (- 1 dB)	5Hz - 8MHz (- 1 dB)	5Hz - 8MHz (- 1 dB)	5Hz - 8MHz (- 1 dB)	5Hz - 8MHz (- 1 dB)
Signal to Noise	60dB	60dB	60dB	60dB	60dB
<b>GENERAL</b>					
Color	Black	Black	Black	Black	Black
Front Panel	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Remote Control	Programmable Touch Screen LCD RC3200	Learning/Pre-coded with LCD RC8500SR	Learning/Pre-coded with LCD RC8500SR	Pre-Coded System Remote RC5500SR	Pre-Coded System Remote RC5500SR
Power Requirement	AC 120V/60Hz	AC 120V/60Hz	AC 120V/60Hz	AC 120V/60Hz	AC 120V/60Hz
Power Consumption	780W	700W	680W	450W	314W
Dimensions W x H x D (Inches)	17 1/8" x 8 1/8" x 19 1/8"	17 1/8" x 7 7/8" x 18 1/8"	17 1/8" x 7 7/8" x 18 1/8"	17 1/8" x 6 1/8" x 18 1/8"	17 1/8" x 6 1/8" x 15 1/8"
Weight (lbs.)	57.3	33.1	32.6	28.7	26.5



## DVD/High Definition VCR

### DVD Players

	DV9500	DV7600	DV6500	DV4500	VC5400
<b>FEATURES</b>					
DTS Decoder	• (96/24)	•	•	•	-
Dolby Digital Decoder	• (+ Dolby Headphone)	•	•	•	•
Disc Capacity	1	1	1	1	5
Progressive Scan	•	•	•	•	•
3:2 Pulldown	•	•	•	•	•
Playback Formats	DVD-V, DVD-A, SACD-Multi, SACD-Stereo, DVD-R/RW, SVCD, VCD, CD, CD-R/RW, MP3, JPEG	DVD-V, DVD-A, SACD-Multi, SACD-Stereo, DVD-R/RW, SVCD, VCD, CD, CD-R/RW, MP3, JPEG	DVD-V, DVD-A, SACD-Multi, SACD-Stereo, DVD-R/RW, VCD, CD, CD-R/RW, MP3, WMA, JPEG	DVD-V, DVD-A, SACD-Multi, SACD-Stereo, DVD-R/RW, VCD, CD, CD-R/RW, MP3, WMA, JPEG	DVD-V, DVD-A, DVD-R/RW, SVCD, VCD, DCD, CD, CD-R/RW, MP3, WMA, JPEG
Video DAC	216MHz/14-Bit	216MHz/12-Bit	54MHz/10-Bit	54MHz/10-Bit	54MHz/10-Bit
Audio DAC	192kHz/24-Bit	192kHz/24-Bit	192kHz/24-Bit	192kHz/24-Bit	192kHz/24-Bit
HDAM	•	•	-	-	-
Video Circuit Off	•	•	•	•	•
Display On/Off	•	•	•	•	•
Power Transformer	EI	EI	EI	EI	EI
Gold Plated Terminals	•	•	•	•	-
Chassis	Metal	Metal	Metal	Metal	Metal
Zero-Impedance Plate	•	-	-	-	-
Double Layered Bottom Plates	•	-	-	-	-
Front Panel Cursor Keys	-	-	•	•	-
Video Scaler	•	•	-	-	-
Bass Management	•	•	-	-	-
Lip Sync. (Digital audio delay)	•	•	-	-	-
Separate Power Supply for Audio	•	-	-	-	-
<b>INPUTS/OUTPUTS</b>					
<b>VIDEO</b>					
HDMI Out	1	1	-	-	-
Component Out	1	1	1	1	1
S-Video Out	1	1	1	1	1
Composite Out	2	2	1	1	1
<b>AUDIO</b>					
Analog Out (RCA)	1	1	1	1	1
5.1ch Analog Out	1	1	1	1	1
Optical Digital Out	1	1	1	1	1
Coaxial Digital Out	1	1	1	1	-
<b>OTHERS</b>					
External Control (RS232C)	•	•	-	-	•
D-Bus Remote (RC-5) In/Out	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1

<b>SPECIFICATIONS</b>					
Freq. Response (Digital Audio)	4Hz - 88kHz (DVD-Audio, fs: 192kHz)	4Hz - 88kHz (DVD-Audio, fs: 192kHz)	4Hz - 88kHz (DVD-Audio, fs: 192kHz)	4Hz - 88kHz (DVD-Audio, fs: 192kHz)	4Hz - 88kHz (DVD-Audio, fs: 192kHz)
S/N Ratio	130 dB	125 dB	115 dB	115 dB	100 dB
Dynamic Range	110 dB	110 dB	100 dB	100 dB	100 dB
THD (1kHz)	0.0008%	0.0012%	0.0045%	0.0045%	0.008%

<b>GENERAL</b>					
Color	Black	Black	Black	Black	Black
Front Panel	Aluminum	Aluminum	Aluminum	Aluminum	Brushed Plastic
Remote Control	RC8500DV	RC7600DV	RC6500DV	RC6500DV	RC5400VC
Power Requirements	AC120V 60Hz	AC120V 60Hz	AC120V 60Hz	AC120V 60Hz	AC120V 60Hz
Power Consumption	29W	29W	12W	10W	14W
Dimensions W x H x D (Inches)	17 <sup>1</sup> / <sub>8</sub> " x 4 <sup>1</sup> / <sub>2</sub> " x 15 <sup>1</sup> / <sub>8</sub> "	17 <sup>1</sup> / <sub>8</sub> " x 3 <sup>3</sup> / <sub>8</sub> " x 12"	17 <sup>1</sup> / <sub>8</sub> " x 2 <sup>1</sup> / <sub>8</sub> " x 8 <sup>1</sup> / <sub>8</sub> "	17 <sup>1</sup> / <sub>8</sub> " x 2 <sup>1</sup> / <sub>8</sub> " x 8 <sup>1</sup> / <sub>8</sub> "	17 <sup>1</sup> / <sub>8</sub> " x 4 <sup>1</sup> / <sub>8</sub> " x 16 <sup>1</sup> / <sub>8</sub> "
Weight (lbs.)	18.7	9.9	4.9	4.9	11.4

## Digital VHS MV8300 High Definition Video Recorder

<b>FEATURES</b>		<b>SPECIFICATIONS</b>	
D-Theater Compatible	•	<b>VIDEO/AUDIO SECTION (D-VHS)</b>	
D-VHS (HD) Recording	•	Video Format	MPEG-2 Standard
S-VHS ET Recording	•	Audio Format	Encode: MPEG 1 Layer 2 Decode: MPEG1 Layer 2 Dolby Digital, Linear PCM
Video Output Modes	480i, 480p, 720p, 1080i	Main Data Input Rate	28.2 Mbps (HS Mode) 14.1 Mbps (STD Mode) 4.7 Mbps (LS3 Mode) 2.8 Mbps (LS5 Mode)
Recording Modes (D-VHS)	HS, STD, LS3, LS5	<b>VIDEO/AUDIO SECTION (VHS/S-VHS)</b>	
Channel Coverage	Air: 2 - 69 ch, CATV: 1 - 125 ch	Format	NTSC Standard
VCR Plus+ Programming	•	Resolution (S-VHS / VHS)	400 / 230 Lines
Video Navigation	•	Audio Frequency Response	20Hz to 20kHz
Auto Channel Program	•	Audio S/N Ratio	45 dB
Auto Clock Setting	•	<b>GENERAL</b>	
OSD Menu	•	Color	Black
<b>IN/OUTPUTS</b>		Front Panel	Smoked Acrylic
<b>VIDEO</b>		Remote Control	Pre-Coded System Remote RC8300MV
S-Video In	3	Power Requirements	AC 120V 60Hz
Composite In	3	Power Consumption	42W
Component Out	1	Dimension	
S-Video Out	2	W x H x D (Inches)	17 <sup>1</sup> / <sub>8</sub> " x 3 <sup>1</sup> / <sub>8</sub> " x 15 <sup>1</sup> / <sub>8</sub> "
Composite Out	2	Weight (lbs.)	12.2
<b>OTHERS</b>			
i.Link Connection	2		
Antenna In	1		
Antenna Out	1		
RS-232C	1		

## DVD Receiver ER2500

<b>FEATURES</b>		<b>FEATURES</b>	
Number of Channels	7	<b>AUDIO SECTION</b>	
DTS (ES, Discrete 6.1/ Matrix 6.1, Neo-6)	•	Power Output (8 ohms)	100W x7
Dolby Digital EX	•	Frequency Response (+/- 3dB)	20Hz - 22kHz
Dolby Pro Logic IIx	•	THD (20 Hz - 20 kHz, 8 ohms)	< 0.1%
Progressive Scan	•	S/N Ratio	80 dB
3:2 Pulldown	•	<b>TUNER SECTION FM</b>	
Playback Formats	DVD-V, DVD-R/RW, SVCD, VCD, CD, CD-R/RW, MP3, WMA, JPEG	Frequency Range	87.5 - 108.0MHz
Video DAC	54MHz/10-Bit	S/N Ratio (Mono/Stereo)	70/70 dB
Audio DAC	192kHz/24-Bit	Distortion (Mono/Stereo)	0.3/0.3 %
Easy Speaker Setup	•	Stereo Separation	40 dB (1kHz)
NTSC - PAL Conversion	•	<b>TUNER SECTION AM</b>	
Color Coded Speaker Terminals	•	Frequency Range	520 - 1710kHz
Sleep Timer	•	Distortion	2%
Preset Station Memory	30	S/N Ratio	35 dB
Chassis	Metal	<b>GENERAL</b>	
<b>IN/OUTPUTS</b>		Color	Silver
<b>AUDIO</b>		Front Panel	Brushed Acrylic
Analog L&R In	3	Remote Control	System Remote RC2500ER
Digital Optical In	1	Power Requirements	AC 120 V , 60Hz
Digital Coaxial In	1	Power Consumption	155W
Analog L&R Out	2	Dimension	
Digital Optical Out	1	W x H x D (Inches)	16 <sup>1</sup> / <sub>8</sub> " x 2 <sup>1</sup> / <sub>8</sub> " x 14 <sup>1</sup> / <sub>8</sub> "
Digital Coaxial Out	-	Weight (lbs.)	12.1
Phono In	-		
Headphone Out	•		
<b>VIDEO</b>			
S-Video In	-		
Composite In	2		
Component Out	1		
S-Video Out	1		
Composite Out	1		

## Remotes

## RC9500

## RC5400

## RC3200

## RC1400

## Cassette Deck

## SD4050

FEATURES				
IR/RF Transmission Capability	• / •	• / •	• / -	• / -
Pre-Programmed	• (Marantz IR Codes)	X (Marantz IR Codes)	X (Marantz IR codes)	X (Marantz and Major Manufacturers)
Touch Screen LCD		•	•	-
LCD Type	Color	B&W	B&W	B&W - Semi Dot Matrix
LCD Backlight	White	Blue	Blue	Blue
Programmable Macro Command	•	•	•	•
Programmable Timer	•	-	-	•
Software Upgradeable	•	•	•	-
Non-Volatile Flash Memory	•	•	•	•
Edit Software	• (Wizz.it 9)	• (Wizz.it)	• (RC3200 Setup)	-
PC Connection	USB	USB	Serial	-
Battery	Rechargeable	Rechargeable	Dry-cell	Dry-cell

## SPECIFICATIONS

LCD Size (W x H)	2 7/16" x 3 1/8"	2 7/16" x 3 1/8"	1 9/16" x 2 1/8"	1 9/16" x 1 1/16"
LCD Resolution	240 x 320	240 x 320	100 x 160	-
Color/Gray Scale	64k Color	16 Gray Scales	4 Gray Scales	Black & White
Memory Size	16MB	8MB	1MB	512kB
IR Operating Distance	33ft	33ft	33ft	24ft
RF Operating Distance	66ft	66ft	-	-
RF Frequency Range	418MHz	418MHz	-	-

## ACCESSORIES

Recharging Dock Station	•	•	•	-
PC Connection Cable	•	•	•	-
Ni-MH Rechargeable Battery	•	•	-	-
AC Power Adapter	•	•	-	-
RX-77 RF Extender	(Option)	(Option)	-	-

## GENERAL

Color	Black Metallic	Silver	Dark Silver	Light Grey
Dimensions W x H x L (Inches)	3 9/16" x 6" x 1 1/16"	3 9/16" x 6" x 1 1/16"	3 9/16" x 6" x 1 1/16"	2 7/16" x 8 9/16" x 1 1/4"
Weight (oz.)	10.6 (With Battery)	10.6 (With Battery)	10.6 (With Battery)	6.1

FEATURES	
Transport	2
Auto Reverse	•
DC Servo Control	•
Super-Hard Permalloy Head	•
2-Speed Syncro Reverse Dubbing	•
Automatic Tape Selector	•
Dolby HX-Pro	•
Noise Reduction	Dolby B & C
Quick Music Search	•
Auto Continuous Play	•
Timer Record & Play	•

## IN/OUTPUTS

AUDIO	
Analog L&R In (Line In)	1
Analog L&R Out (Line Out)	1
Headphone Out	1

## SPECIFICATIONS

AUDIO SECTION	
S/N Ratio	74 dB (3% THD)
Recording Bias	100kHz
Frequency Response (+/- 3 dB)	25Hz - 18kHz
Channel Separation	40 dB
Wow & Flutter	< 0.09%

## GENERAL

Color	Black
Front Panel	Brushed Plastic
Remote Control	RC455SD
Power Requirements	AC 120V 60Hz
Power Consumption	16W
Dimension W x H x D (Inches)	17 1/16" x 4 9/16" x 11 1/16"
Weight (lbs.)	8.8

## Multi-Zone Control Amplifier ZS5300

FEATURES		SPECIFICATIONS
Number of Channels	6 (Stereo x 3)	<b>AUDIO SECTION</b>
Output Power/Channel (6 ohm)	60W	THD (20Hz - 20kHz, 8 ohms) 0.05%
Power Transformer	R-Core	Input Sensitivity / Impedance 300 mV/20 kohm
Compact Class-D Amplifier	•	Frequency Response (+/- 3dB) 10Hz - 30kHz
Discrete Amplifier Stage	•	S/N Ratio 85 dB
Matrix Source Switcher	•	
Common Input Source	3	<b>GENERAL</b>
Direct Input/Zone	1	Color Black
Zone Expandable Connection	•	Front Panel Aluminum
Global Control Function	•	Remote Control RC5300ZS
Majority Keypads Compatibility	•	Power Requirements AC 120V / 230V, 60Hz
Dual Voltage Capability	•	Power Consumption 100W
		Dimension
		W x H x D (Inches) 17 1/16" x 4 1/2" x 13 1/8"
		Weight (lbs.) 18.7
IN/OUTPUTS		
<b>AUDIO</b>		
Analog L&R In (Common Source)	3	
Analog L&R In (Zone Direct)	3	
Analog L&R Out	3	
Pre Amplifier L&R Out	1 (Zone-3)	
Speaker Out	3	
<b>OTHERS</b>		
D-Bus Remote (RC-5) In/Out	3	
External Control In (Flasher In)	1	
Status Out (DC 12V)	3	

## Stereo Receiver SR4230

FEATURES		SPECIFICATIONS
Number of Channels	2	<b>AUDIO SECTION</b>
Discrete Amplifier Stage	•	Power Output (8 ohms) 80W x2
Power Transformer	EI	Frequency Response (+/- 3 dB) 20Hz - 20kHz
Speaker A/B	•	THD (20Hz - 20kHz, 8 ohms) < 0.08%
Tone Control (Bass/Treble)	•	S/N Ratio 95 dB
Preset Station Memory	30	<b>TUNER SECTION FM</b>
Chassis	Metal	Frequency Range 87.5 - 108.0MHz
		S/N Ratio (Mono/Stereo) 70/65 dB
		Distortion (Mono/Stereo) 0.2/0.3 %
		Stereo Separation 40 dB (1kHz)
		<b>TUNER SECTION AM</b>
		Frequency Range 520 - 1710kHz
		Usable Sensitivity Loop 400 _V
		S/N Ratio 50 dB
		<b>GENERAL</b>
		Color Black
		Front Panel Brushed Plastic
		Remote Control Device Remote RC4320SR
		Power Requirements AC 120 V , 60Hz
		Power Consumption 220 W
		Dimension W x H x D (Inches) 17 1/8" x 6 1/8" x 14 1/8"
		Weight (lbs.) 18.5
IN/OUTPUTS		
<b>AUDIO</b>		
Analog L&R In	7	
Analog L&R Out	3	
Pre-Amplifier Out	•	
Main Amplifier In	•	
Phono In	•	
Headphone Out	•	
<b>VIDEO</b>		
Composite In	3	
Composite Out	2	
<b>OTHER</b>		
D-Bus Remote (RC-5) In/Out	1/1	
AC Outlets (Switched/Unswitched)	1/1	

## Tuners

## ST-17 (Ref.)

## ST6000

FEATURES		
Gyro-Touch Tuning	•	
Dual Gate MOSFET	•	•
High Alternate Channel Selectivity	•	•
HDAM	•	
Chassis	Metal	Metal
Customized Components	•	
Preset Station Memory	60	60
Station Naming	•	•
Sleep Timer	•	•
IN/OUTPUTS		
<b>AUDIO</b>		
Analog L&R OUT	1	1
D-Bus remote (RC-5) In/Out	•	•
FM Antenna	A/B	A/B
AM Antenna	•	•

## SPECIFICATIONS

TUNER SECTION FM		
Frequency Range	87.5 - 108.0MHz	87.5 - 108.0MHz
S/N Ratio (Mono/Stereo)	80/73 dB	80/75 dB
Distortion (Mono/Stereo)	0.05/0.08 %	0.08/0.15 %
Selectivity (Wide/Narrow)	55/70 dB	65/85 dB
Usable Sensitivity	1.0 _V	1.2 _V
Stereo Separation	55 dB	50 dB
TUNER SECTION AM		
Frequency Range	520 - 1710kHz	520 - 1710kHz
S/N Ratio	52 dB	50 dB
Distortion	0.2 % (1kHz)	1.0 % (1kHz)
Sensitivity	35 dB	50dB

## GENERAL

Color	Gold	Black
Front Panel	Aluminum	Aluminum
Remote Control	Device Remote RC-17ST	Device Remote RC6000ST
Power Requirements	AC 120V 60Hz	AC 120V 60Hz
Power Consumption	8.5W	7.5W
Dimension W x H x D (Inches)	18 1/8" x 3 1/8" x 12 9/16"	17 1/8" x 3 1/8" x 12 1/8"
Weight (lbs.)	15	8.4



## Amplifier/SACD/CD

### Control/Integrated Amps SC-7S1 (Ref.) PM-11S1 (Ref.) PM7200

FEATURES			
Number of Channels	2	2	2
Output Power/Channel (20Hz - 20kHz) @ 8Ω	1.7V	100W	95W/25W (Class AB/ Class A)
HDAM	• (HDAM SA)	• (HDAM SA2)	•
Power Transformer	Toroidal	Toroidal	EI
Discrete Amplifier Stage	•	•	•
Individual Level Adjust	•	•	-
Tone Control	-	•	•
Phono Input	-	• (MM/MC)	• (MM)
Source Direct	•	•	•
Speaker A/B	•	•	•

IN/OUTPUTS			
AUDIO			
Analog L&R In	1/3 (Balanced/Unbalanced)	1/4 (Balanced/Unbalanced)	7
Main Channel Amp In	-	-	•
Bridge Mono Mode	• (Bi-Ampmode)	-	-
Analog L&R Out	2/1/1 (Balanced/Unbalanced/Rec Out)	3	2
Headphone Out	-	•	•
OTHERS			
D-Bus Remote (RC-5) In/Out	Marantz Floating Control Bus	Marantz Floating Control Bus	1/1
External Control (RS232C)	-	-	-
AC Outlets (Switched/Unswitched)	- / -	- / -	3/0

SPECIFICATIONS			
THD (20Hz - 20kHz, 8Ω)	0.0015% (Balanced)	0.01%	0.03%
Input Sensitivity/Impedance	420mV/20kΩ	240mV/20kΩ	150mV/40kΩ
Frequency Response	3Hz - 150kHz (+0, -3 dB)	5Hz - 120kHz (+/- 3 dB)	10Hz - 50kHz
S/N Ratio	105 dB (Unbalanced)	95 dB (CD, Line)	88dB

GENERAL			
Color	Gold	Gold	Black
Front panel	Aluminum	Aluminum	Aluminum
Remote Control	Aluminum Top RC-7S1SC	Aluminum Top RC-11S1PM	RC8000PM
Power Requirement	AC 120V 60Hz	AC 120V 60Hz	AC 120V 60Hz
Power Consumption	18W	380W	250W
Dimensions (Inches) W x H x D	18" x 7 1/4" x 17 1/4"	17 1/8" x 6 1/2" x 17 1/2"	17 1/8" x 6 1/4" x 14 1/8"
Weight (lbs.)	46.3	57.2	27.1

## Power Amplifiers

### MA-9S1 (Ref.) MM9360 MM9340

FEATURES			
Number of Channels	1	6	4
Output Power/Channel (20Hz - 20kHz) @ 8Ω	300W	150W	275W
HDAM	• (HDAM SA)	-	-
Power Transformer	Toroidal	Toroidal	Toroidal
Discrete Amplifier Stage	•	•	•
Individual Level Adjust	•	-	-

IN/OUTPUTS			
AUDIO			
Analog L&R In	-	-	-
Main Channel Amp In	1/1 (Balanced Mono/Unbalanced Mono)	6	4
Bridge Mono Mode	-	•	•
Analog L&R Out	-	-	-
Headphone Out	-	-	-
OTHERS			
D-Bus Remote (RC-5) In/Out	-	1/1	1/1
External Control	-	12V DC Trigger	12V DC Trigger

SPECIFICATIONS			
THD (20Hz - 20kHz, 8Ω)	0.01%	0.02%	0.02%
Input Sensitivity/Impedance	1.7V/20kΩ	100mV/20kΩ	100mV/20kΩ
Frequency Response	3Hz - 120kHz (+0, -3dB)	20Hz - 20kHz (+/- 3dB)	20Hz - 20kHz (+/- 3dB)
S/N Ratio	120dB	90dB	90dB

GENERAL			
Color	Gold	Black	Black
Front Panel	Aluminum	Aluminum	Aluminum
Remote Control	-	-	-
Power Requirement	AC 120V 60Hz	AC 120V 60Hz	AC 120V 60Hz
Power Consumption	500W	500W	600W
Dimensions (Inches) W x H x D	18" x 7 3/16" x 17 1/4"	17 1/8" x 5 1/4" x 13 3/4"	17 1/8" x 5 1/4" x 13 3/4"
Weight (lbs.)	78.9	45	44

### CD Players CD5400 CC4300

FEATURES		
Disc Capacity	1	5
Playback Formats	CD, CD-R/RW	CD, CD-R/RW
Power Transformer	EI	EI
Display Off	•	• (Dimmer)
CD Text	•	-
Random/ Repeat Play	•	•
Recording Edit Mode	•	•
AMS (Auto Music Scan) Mode	•	•
Peak Search	•	-
Disc Changeable In Play	-	• (4 Discs)
Pitch Control	•	-
Headphone Level Control	•	•

IN/OUTPUTS		
AUDIO		
Analog L&R Out	1	1
Digital Opt. Out	1	1
Digital Coax. Out	1	1
Headphone Out	•	•
OTHERS		
D-Bus Remote (RC-5) In/Out	1/1	1/1
External Control (RS232C)	-	• (1-way)

SPECIFICATIONS		
AUDIO		
Format	16-Bit Liner PCM	16-Bit Liner PCM
Sampling Frequency	44.1kHz	44.1kHz
Dynamic Range	100 dB	95 dB
S/N Ratio	110 dB	105 dB
Frequency Response	2Hz - 20kHz	2Hz - 20kHz
THD	0.0025%	0.0050%

GENERAL		
Color	Black	Black
Front Panel	Brushed Plastic	Brushed Plastic
Remote Control	RC5400CD	RC4300CC
Power Requirements	AC 120V 60Hz	AC 120V 60Hz
Power Consumption	12W	12W
Dimension W x H x D (Inches)	17 1/16" x 3 1/2" x 12 1/2"	17 1/16" x 3 3/8" x 15 1/16"
Weight (lbs.)	8.1	12.8

### SACD Players SA-11S1 (Ref.) SA8260

FEATURES		
Disc Capacity	1	1
Multi-ch Capability	-	•
Playback Formats	SACD-Stereo, CD, CD-R/RW	SACD-Multi/Stereo, CD, CD-R/RW
HDAM	•	•
Power Transformer	Troidal	EI
Zero-Impedance Plate	-	•
Double Layered Bottom Plates	•	•
Audio DAC	192kHz/24-Bit	192kHz/24-Bit
Display On/Off	•	•
Selectable Filters	•	•
SACD/CD Text	•	•

IN/OUTPUTS		
AUDIO		
Analog L&R Out	1/1 (Balanced/Unbalanced)	1
Analog 5.1ch Out	-	•
Digital Opt. Out	1	1
Digital Coax. Out	1	1
Headphone Out	-	•
OTHER		
D-Bus Remote (RC-5) In/out	1/1	1/1

SPECIFICATIONS		
SACD		
Format	1-Bit DSD	1-Bit DSD
Sampling Frequency	2.8224MHz	2.8224MHz
Dynamic Range	114 dB	113 dB
Frequency Response (-3 dB)	2Hz - 50kHz	2Hz - 50kHz
THD	0.0009%	0.0015%
CD Audio		
Format	16-Bit Liner PCM	16-Bit Liner PCM
Sampling Frequency	44.1kHz	44.1kHz
Dynamic Range	100 dB	100 dB
Frequency Response	2Hz - 20kHz	2Hz - 20kHz
THD	0.0020%	0.0020%

GENERAL		
Color	Gold	Black
Faceplate	Aluminum	Aluminum
Remote	Aluminum Top RC-11S1SA	RC8260SA
Power Requirement	AC 120V 60Hz	AC 120V 60Hz
Power Consumption	25W	28W
Dimensions W x H x D (Inches)	17 1/16" x 4 3/16" x 16 1/16"	17 1/16" x 4 3/16" x 12 1/16"
Weight (lbs.)	30.8	17

## Plasma Display

### PD6140D

### PD5050D

### PD4250D

### PD4230V

FEATURES				
Screen Size (Diagonal)	61"	50"	42"	42"
Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9
Resolution	1365 (V) x 768 (H)	1365 (V) x 768 (H)	1024 (V) x 768 (H)	853 (V) x 480 (H)
Pixel Pitch (H x V)	0.039" (V) x 0.039" (H)	0.032" (V) x 0.032" (H)	0.036" (V) x 0.027" (H)	0.04" (V) x 0.04" (H)
Brightness	320cd/m2	400cd/m2	400cd/m2	400cd/m2
Contrast Ratio (Dark Environment)	> 860 : 1	1000 : 1	1000 : 1	1500 : 1
Color Reproduction	256 Steps, 16,770,000 Colors	4096 Steps, 68.7 Billion Colors	4096 Steps, 68.7 Billion Colors	4096 Steps, 68.7 Billion Colors
Off-Axis Viewing Angle (H / V)	160° / 160°	160° / 160°	160° / 160°	160° / 160°
Video Signal Capability	NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM
Computer Signal Capability	VGA, SVGA, XGA, SXGA, UXGA	VGA, SVGA, XGA, SXGA, UXGA	VGA, SVGA, XGA, SXGA, UXGA	VGA, SVGA, XGA, SXGA, UXGA
DTV/HD TV Capability	480i, 480p, 720p, 1080i	480i, 480p, 720p, 1080i	480i, 480p, 720p, 1080i	480i, 480p, 720p, 1080i
3D Motion Adaptive Scan Converter	•	•	•	•
3:2 Pull Down Converter	•	•	•	•
Picture Mode	Default, Theater1, Theater2, Normal, Bright	Default, Theater1, Theater2, Normal, Bright	Default, Theater1, Theater2, Normal, Bright	Default, Theater1, Theater2, Normal, Bright
Color Temperature	High, Middle, Middle-Low, Low	High, Middle, Middle-Low, Low	High, Middle, Middle-Low, Low	High, Middle, Middle-Low, Low
Gamma	4 Selections	4 Selections (2.1, 2.2, 2.3, 2.4)	4 Selections (2.1, 2.2, 2.3, 2.4)	4 Selections (2.1, 2.2, 2.3, 2.4)
Digital Zoom	•	•	•	•
HDMI Input	• (DVI-D)	•	•	•
OSD Menu	•	•	•	•
Off Timer	•	•	•	•
Internal Audio Amplifier	• (9W + 9W at 6 ohms)	• (9W + 9W at 6 ohms)	• (8W + 8W at 6 ohms)	• (8W + 8W at 6 ohms)

## IN/OUTPUTS

VIDEO				
Component In	2 (RCA, BNC)	2 (RCA, BNC)	2 (RCA, BNC)	2 (RCA, BNC)
S-Video In	1	1	1	1
Composite In	1	1	1	1
RGB In	3 (D-Sub 15-pin, BNC, DVI)	3 (D-Sub 15-pin, BNC, HDMI)	3 (D-Sub 15-pin, BNC, HDMI)	3 (D-Sub 15-pin, BNC, HDMI)
AUDIO				
Analog L&R In	3	3	3	3
Speaker Out (L&R)	1	1	1	1
OTHER				
External Control (RS232C)	•	•	•	•

## GENERAL

Color	Bronze	Black Metallic	Black Metallic	Black Metallic
Remote Control	RC6140DPD	RC5050DPD	RC5050DPD	RC5050DPD
Power Requirement	AC120V 50/60Hz	AC120V 50/60Hz	AC120V 50/60Hz	AC120V 50/60Hz
Power Consumption	660W	435W	305W	280W
Dimensions W x H x D (Inches)	57 1/4" x 34 1/4" x 4 1/4"	48 1/4" x 29" x 3 1/4"	40 1/4" x 24" x 3 1/4"	40 1/4" x 24" x 3 1/4"
Weight (lbs)	134.4	98.1	65	62.8

## DLP Projectors

### VP-10S1

### VP-12S4

### VP-10S1

### VP-12S4

FEATURES			IN/OUTPUTS	
Display Device	DMD (TI DLP™ Technology) HD2 x3-chip	DMD (TI DLP™ Technology) .8 720p with DarkChip3™ x1-chip	VIDEO	
Panel Size	0.81"	0.81"	Composite Video In	1
Aspect Ratio	16:9	16:9	S-Video In	1
Resolution	1280x720	1280x720	Component In	2 (RCA / BNC)
Brightness	1000 / 1200 ANSI Lumen (Lamp Mode Low / High)	600 / 700 ANSI Lumen (at F5.0 / F3.0)	RGB/HD In	1 (D-Sub 15-Pin)
Brightness Uniformity	90%	90%	Digital Video In	1 (DVI-D with HDCP)
Contrast Ratio	3600 : 1	4500 : 1 (at F5.0)	OTHERS	
Projection Size	60" - 300"	40"-250" (VP-12S4S/VP-12S4L) 60"-250" (VP-12S4)	D-Bus Remote (RC-5) In/Out	1 / 1 (3.5 mm mini jacks)
Throw Distance 100"	125 1/2" - 156 1/4" (LN10VP32) 156 1/4" - 209 1/4" (LN10VP40) 209 1/4" - 313 1/4" (LN10VP53)	128 1/4" - 149 1/4" (VP-12S4S) 150 1/4" - 219 1/4" (VP-12S4) 199 1/4" - 270 1/4" (VP-12S4L)	External Control (RS232C)	•
TV System	NTSC, PAL, SECAM	NTSC, PAL, SECAM	DC Trigger Out	2 (3.5 mm mini jacks)
Computer Signal Capability	VGA, SVGA, XGA, SXGA	VGA, SVGA, XGA, SXGA	GENERAL	
DTV / HD TV Capability	480i, 480p, 720p, 1080i	480i, 480p, 720p, 1080i	Color	Gun Metallic
Video Processor	Faroudja DCDi™ Processing	GENNUM VXP™ Processing	Remote Control	RC-12VP3
3:2 Pull Down	•	•	Power Requirement	AC 100-120 V / 220-240 V, 50/60Hz
Optics	Marantz Custom	Custom by Konica-Minolta	Power Consumption	< 380W
O.R.C.A Filter	•	•	Dimensions W x H x D (Inches)	20 1/4" X 26 1/4" X 12 1/4"
Life Lamp	1500 Hours (Average)	2000 Hours (Average)	Weight (lbs.)	90.3
Picture Memories	• (12)	• (18)	VP-12S4	
Keystone Correction	• (H/V)	• (V)	Color	Pearl / Light Gray
Fine Picture Menu	•	•	Remote Control	RC-12VPS4
Picture Modes	• (Theater, Standard, Dynamic and User)	• (Theater, Standard, Dynamic and User 1 - 9)	Power Requirement	AC 100-120 V / 220-240 V, 50/60Hz
Color Temperatures	• (5 Steps)	• (5 Steps)	Power Consumption	< 320 W
Black Level Selection	•	•	Dimensions W x H x D (Inches)	15 1/4" X 18 1/4" X 5 1/4"
Optical Zoom	• (x1.25: LN10VP32) • (x1.33: LN10VP40) • (x1.5: LN10VP53)	• (x1.2: VP-12S4S) • (x1.45: VP-12S3L) • (x1.35: VP-12S4L)	Weight (lbs.)	28.6
Lens Shift	• (V: +115% / -20%, H: +/- 25%)	• (V: +120% / -100%) • (V: +150% / -100%) • (V: +170% / -100%)		
Dust-Free Sealed Optics	•	•		
Noise Cancel Structure	•	•		
Chassis	Extruded Aluminum Frame	Aluminum Diecast		
Illuminated I/O Terminal Panel	•	•		
Auto Color Temp. Calibration	•	•		
FCC	Class B	Class B		

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Marantz America, Inc. • 1100 Maplewood Drive • Itasca, IL 60143  
Phone 630-741-0300 • Fax 630-741-0301 • [www.marantz.com](http://www.marantz.com)  
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Marantz Canada, Inc. • 5-505 Apple Creek Blvd. • Markham, ON L3R 5B1  
Phone 905-415-9292 • Fax 905-475-4159 • [www.marantz.com](http://www.marantz.com)  
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