

marantz®

THE RANGE

2006-2007

Music
in motion



because music matters



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Music is human emotion – expressed as sound. More than that, it's a catalyst for emotion, lifting our spirits, exciting our imagination, and filling us with sensation. And it touches our lives every day. Not just when we listen, but also when we watch: music has always played a vital role in the dramatic arts, from the piano player in silent cinema to the 124-piece orchestra that energises our DVD movies. Music, quite literally, has always provided the harmonious string that unites the story.

That's why Marantz is proud to bring its more than 50 years of experience in high fidelity music reproduction to all its latest products including the LCD TV technologies. So you can enjoy high-quality music when you listen, and when you watch.

We think that people who treasure human emotions will appreciate this latest Marantz Range. Because music matters.

Heart and *Soul*

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Music *everywhere*

Marantz introduces -WEAVE-, the plug-and-play audio system that delivers high fidelity music to any room in your home. It uses the hard-wired network that every house has: the mains electricity supply. Simply plug in your -WEAVE- equipment and listen to music anywhere you please. There are no cables to install. And none of the interferences that can plague wireless set-ups. What's more, multi-room communication between -WEAVE- audio components begins the moment you plug them in, providing simple, but sublime plug-and-play audio.





ZC4001

CLIENT

WEAVE 10w x 2ch SRS WOW

- Client with built in stereo amplifier
- Large display with RDS station name indication (when available)
- High quality speaker system
- SRS WOW sound enhancement and Bass Boost
- Direct source access buttons for ZR6001 inputs
- Control buttons (play, stop, pause, next)
- Cursor leaf for further control options
- Local input to connect for example a MP3 player
- Clock, sleep and wake-up timers
- Built in IR receiver to be controlled via remote (optional)



ZR6001

AV RECEIVER

WEAVE 90w x 7ch DD DOLBY DIGITAL-EX 2 CHANNELS DTS ES DTS 96/24 CS II DPL IIx DOLBY HEADPHONE VIDEO CONVERSION WITH LINE MEMORY UP TO COMPONENT LEVEL COMPONENT VIDEO SWITCHING MULTI ROOM/MULTI SOURCE FOR AUDIO 192kHz/24-bit D/A CONVERTERS ON ALL CHANNELS PURE DIRECT MODE ADJUSTABLE CROSS-OVER SETTINGS FOR OPTIMIZED PERFORMANCE OF SPEAKERS AND SUBWOOFER SOUND DELAY FUNCTION TO SYNC AUDIO AND VIDEO RS232c, Flasher in and IR Flasher out port for system integration PRE-PROGRAMMED SYSTEM REMOTE CONTROL

- Entertainment AV Receiver with PLC technology
- Audio distribution in the whole house via the power line – no additional wiring
- Up to 6 clients ZC4001 can be controlled – means 7 rooms with music via one system
- All connected clients will have the same signal at one time, while listening something different via the main setup
- Other brand components can be connected and controlled
- AV functionality: Wide range Current Feedback amplifiers delivering 7 x 90 Watts
- DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx, Dolby Headphone
- Video conversion with line memory up to component level
- Component video switching
- Multi room/multi source for audio
- 192kHz/24-bit D/A converters on all channels
- Pure direct mode
- Adjustable cross-over settings for optimized performance of speakers and subwoofer
- Sound delay function to sync audio and video
- RS232c, Flasher in and IR Flasher out port for system integration
- Pre-programmed system remote control

How it works

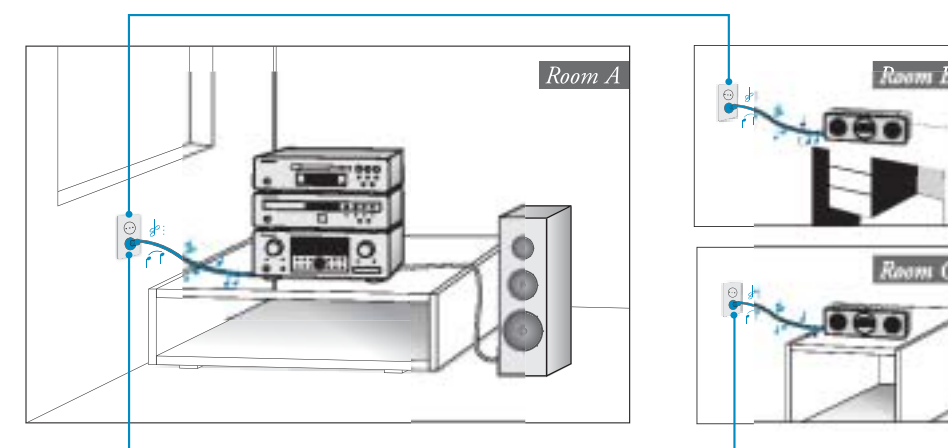
-WEAVE- delivers great sounds from your existing home entertainment centre to any room in your house. All you need is a mains outlet, a Marantz PLC (Power Line Communication) AV receiver (ZR6001), and a Marantz Client (ZC4001).

From one unit and from anywhere in your home, the Client ZC4001 accesses your main home entertainment system the moment it is plugged in. It allows you to control tuners, CD players and other connected components and of course, the music is reproduced according the high quality standards you expect from a Marantz component. Also, because the ZC4001 is lightweight and portable, you can simply move it from room to room and enjoy audio transmissions from your main home-entertainment set-up. Alternatively, you can add up to a total of six Clients to whichever rooms you choose.

Feeding the Client (ZC4001) is the PLC AV receiver ZR6001. This not only acts as the centrepiece of the main home-entertainment system, but also transmits audio signals to every room in your house - just by being plugged in. There has never been an easier way to fill your house with top quality entertainment.

And perhaps best of all, you can listen to a CD, for example, in the main room while someone else listens to the radio in another room.

Awarded the Plus X, by Media Society Network, Germany and the "Product of the Year" by Media Totaal in the Netherlands.





Clearly a *better picture*

When looking at a high-quality LCD screen – look closer. Do the bright colours and detailed lines look like you are watching them through an extremely clear window? Are the blacks truly black? Is the sound clear and natural, the music rich and deep? If so, you're probably experiencing a Marantz LCD TV, with its high brightness and natural colours. Ultra compatible in both, technology and design, each one offers clear, crisp audiovisual quality, and a breathtaking emotional experience.





LC4201e

LCD TV



- 42" LCD high resolution flat TV with WXGA 1366x768 pixels
- HDTV-ready (High Definition TV)
- High contrast ratio 1000:1 with high brightness of 450cd
- Outperforming video processing for superior picture quality
- Natural colour reproduction technology
- Precise de-interlacing for best artefact free images
- DVB-T and analogue tuner built in for high quality audio and video
- Electronic Programme Guide via DVB-T
- Compatible with all European PAL/SECAM broadcast standards
- Teletext with TOP/FLOP
- Multiple image adjustment options and preset picture modes
- HDMI connectivity for digital video (HDCP conform)
- Multiple audio and video inputs including RGBhv and Component
- Multilanguage OSD
- Detachable speaker system
- Dedicated remote control



LC3701e

LCD TV



- 37" LCD high resolution WXGA flat TV with 1366 x 768 pixels (real 16:9)
- HDTV-ready (High Definition TV)
- High contrast ratio 1000:1 with high brightness of 450cd
- High speed pixel response of only 8ms
- Outperforming video processing for superior picture quality
- Natural colour reproduction technology
- Precise de-interlacing for best artefact free images
- DVB-T and analogue tuner built in for high quality audio and video
- Electronic Programme Guide via DVB-T
- Teletext with TOP/FLOP
- Compatible with all European PAL/SECAM broadcast standards
- HDMI connectivity for digital video (HDCP conform)
- Multiple audio and video inputs including RGBhv and Component
- SRS TruSurround XT for an incredible virtual surround sound experience
- Detachable speaker system
- Dedicated remote control



Eyes and ears in harmony

The Marantz Range of AV product combines 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, Audyssey technology will automate set-up and correct room acoustics with equalizer 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 SR6001 up, these signals will even be converted to progressive signals and as digital video signal outputted via an 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.





SR9600

AV RECEIVER



- THX Ultra 2 certified AV-Receiver with 7 x 140 Watts
- 2x 32-bit DSP with THX Surround EX, DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- Advanced MRAC (Marantz Room Acoustic Calibration) with 9 band equalizer per channel
- Full discrete amplification with Current Feedback technology
- Toroidal transformer, copper plated chassis and customized components
- Marantz own HDAM-SA2 for wide band signal amplification
- 192kHz/24-bit D/A converters on all channels
- I-Link (IEEE1394) for high resolution digital audio (SACD, DVD-A) with Flow Rate Control
- HDMI 1.1 switching for digital video and multichannel digital audio
- Lip Synch / audio delay to sync audio and video
- Dedicated 7.1 channel input board with passable high grade AD converter
- Dolby Headphone for surround via stereo headphone set
- Use of bass management, audio delay and level adjustment even for 7.1 channel input
- Top class video conversion with line memory
- Two additional zones for Multi room/multi source audio and video with OSD
- Dual FM tuner built in for independent receiving of two radio station parallel
- Editable input indication on the large dot matrix display
- CI friendly with RS232, IR receiver in, 4x flasher out, assignable trigger, front speaker A/B
- Dual monitor video out via composite, S-Video and component
- RC3200 Learnable bi-directional touch screen remote control with status information feedback



SR8001

AV RECEIVER



- THX Select2 certified Current Feedback AV-Receiver delivering 7 x 125 Watts
- Toroidal transformer, copper plated chassis and customized 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
- 4in / 2out HDMI 1.2 switching 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
- 2 Zone Multi room/multi source for audio and video (up to component level) with OSD
- Surround Back for multiroom assignable
- Speaker C function for real bi-amping of front channel in 5.1 setup
- 192kHz/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
- RS232c port, Flasher in IR Flasher out, IR receiver in and DC triggers for system integration
- Function rename for customization
- RC1400A learnable system remote control with macro functions and backlight



SR7001

AV RECEIVER



- 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
- 4in / 1out HDMI 1.2 switching 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 multiroom assignable
- Speaker C function for real bi-amping of front channel in 5.1 setup
- 192kHz/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
- RS232c port, IR flasher inputs and DC triggers for system integration
- Function rename for customization
- RC1400A learnable system remote control with macro functions and backlight



SR6001

AV RECEIVER



- Full discrete wide range current Feedback AV-Receiver 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 1.2 video switching for digital audio and video
- High grade video conversion with line memory up to HDMI
- Interface-Progressive conversion for analogue to HDMI converted video signals
- Multi room/multi source for audio
- Surround Back for multiroom assignable
- Speaker C function for real bi-amping of front channel in 5.1 setup
- 192kHz/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
- RS232c 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



SR5001

AV RECEIVER



- Full discrete wide range Current Feedback 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
- HDMI1.1 video switching for digital audio and video
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- HT-EQ (Cinema equalization) and Dolby Headphone
- Video conversion up to component level
- Pure direct mode for best audio performance
- 192kHz/24-bit D/A converters on all channels
- Adjustable cross-over settings for optimized 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
- RS232c, IR Flasher port and DC trigger for system integration
- Learnable and pre-programmed system remote control with backlight



SR4001

AV RECEIVER



- Full discrete wide range amplifiers delivering 7 x 80 Watts
- OSD menu and Easy Setup guide-function for comfortable use
- Ease of use due to front panel cursor control
- HDMI1.1 video switching for digital audio and video
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIx
- HT-EQ (Cinema equalization) and Dolby Headphone
- Simple video conversion up to component level
- Surround Back amplifier useable as speaker B in 5.1 setup
- 192kHz/24-bit D/A converters on all channels
- Pure direct mode for best analogue audio
- Adjustable cross-over settings for optimized performance of speakers and subwoofer
- Front input inclusive S-Video and digital input
- IR Flasher input and D-Bus for system integration
- Learnable and pre-programmed system remote control with backlight



SR3001

AV RECEIVER



- 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
- 192kHz/24-bit D/A converters on all channels
- Pure direct mode for best analogue audio
- Adjustable cross-over settings for optimized performance of speakers and subwoofer
- Pre-programmed system remote control

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.



DV9600

UNIVERSAL DVD PLAYER



- Video- and audiophile SACD, CD, DVD-A and DVD-V player
- Superb 216MHz/14-bit video DAC for high signal accuracy
- Noise Shaped Video technology for sharp and detailed pictures
- HDMI1.1 for high resolution digital video and multi-channel digital audio
- First player with high definition video scaling via HDMI up to 1080p
- RGB normal or expand and component 4:4:4 or 4:2:2 for HDMI out
- 10 bit Interlace to Progressive conversion
- Chroma error correction for best colour reproduction
- Extended video adjustment capabilities for analogue and digital video output
- Lip Synch / audio delay for matching audio and video
- I-link (IEEE1394) for high resolution digital audio (SACD, DVD-A)
- Flow rate control on IEEE1394 for Jitter free transmission
- High performance CS4398 audio DAC with 192kHz / 24bit on all channels
- Marantz Hyper Dynamic Amplifier Modules (HDAM) on all 6 channels
- Symmetrical layout and shielded analogue audio board with customized components
- Dedicated power supply for analogue circuitry's for pure signal handling
- DD, DTS and DTS96/24 decoding
- Dolby Headphone for surround via stereo headphone set
- Bi-directional RS232c port for system integration
- Dedicated remote control and D-Bus



DV7001

UNIVERSAL DVD PLAYER



- Superior playback of SACD, DVD-A and DVD-V discs
- Compatible with SVCD, DivX, WMA, MP3, JPEG, DVD-R/RW and +R/RW
- 216MHz/12-bit video DAC for high video quality
- High Definition Multimedia Interface (HDMI) for full digital video
- High definition video scaling on HDMI from 480i up to 1080p
- RGB normal or expand and component 4:4:4 or 4:2:2 for HDMI out
- PAL / NTSC progressive scan for motion pictures without artefacts derived from DV9600
- 10 bit Interlace to Progressive conversion
- Video buffer for seamless playback
- High performance audio DAC with 192kHz / 24bit on all channels
- Direct DSD path for best Super Audio CD performance
- Marantz Hyper Dynamic Amplifier Modules (HDAM)
- High grade audio components
- Bi-directional RS232c and Flasher In port for system integration
- Dedicated remote control and D-Bus



DV6001

UNIVERSAL DVD PLAYER



- 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 216MHz/12-bit video DAC for finest video signal resolution
- HDMI1.1 for digital video and digital multichannel 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
- 192kHz/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 RS232c and Flasher In port for system integration
- Dedicated remote control and D-Bus



DV4001

DVD PLAYER



- High quality playback of DVD-V
- Compatible with SVCD, WMA, MP3, JPEG HD, DVD-R/RW and +R/RW
- DivX 6.0 disc playability
- New 108MHz/12-bit video DAC for finest video signal resolution
- HDMI1.0 for digital video and digital multichannel audio
- High definition video scaling on HDMI up to 1080i
- Extended video adjustment for personal set up
- Video buffer for seamless playback
- Multiple video connectivity including scart RGB and component
- 192kHz/24-bit DAC for excellent audio performance
- Video on/off for best audio
- New design with solid metal front panel and double bottom plate
- Bi-directional RS232c and Flasher In port for system integration
- Dedicated remote control and D-Bus



DV3001

DVD PLAYER



- High quality playback of DVD-V
- Compatible with SVCD, MP3, JPEG and DVD-R/RW
- DivX disc playability
- New 108MHz/12-bit video DAC for finest video signal resolution
- HDMI1.0 for digital video and digital multichannel audio
- Progressive scan technology for stable images
- Multiple video connectivity including scart RGB and component
- Built in Dolby Digital decoder
- 192kHz/24-bit DAC for high quality audio performance
- New design with metal front panel
- Dedicated remote control



"I believe music is the greatest form of art that humanity has ever created," says Ken Ishiwata, the Marantz man renowned throughout the world as 'the master' in high fidelity perfection. "Music communicates directly with your heart. It connects with your emotions. Creating a lasting impression. Music is timeless."

Ken Ishiwata has given his touch of genius to each of this year's KI Signature products. And, as usual his subtle modifications take audio exhilaration to a new level. But it's not just a question of swapping components, as he explains, "Each element must work in harmony with the rest, they must be carefully selected to ensure they work in complete harmony. After all, we are dealing with music."

In addition, Marantz offers the Original Special Edition: a selection of performance- and price-optimised products for that extra special touch of audio finesse.



When music
matters most





PM7001KI

INTEGRATED STEREO AMPLIFIER



- KI Signature version of the PM7001
- Purist reproduction from the essence and emotion of music
- 2 x 75 Watts (8 Ohm RMS) power amplification
- Current Feedback technology for fast signal handling and extended frequency range
- Toroidal transformer
- Customized audio components
- Copper plated chassis and back panel
- Hyper Dynamic Amplifier Modules HDAM-SA2
- Symmetric circuit architecture
- Linear Drive Power Supply
- Source Direct function for best sound quality
- Pre Out / Main In connectivity
- Six audio inputs including phono (MM)
- Two pair of speaker output - A/B
- System remote control and Marantz D-Bus



SA7001KI

SA-CD PLAYER



- KI Signature version of the SA7001 SA-CD (stereo) and CD-DA player
- Purist reproduction from the essence and emotion of music
- Toroidal transformer
- Customized Components
- Copper plated chassis and back panel
- Audiophile D/A conversion via the CS4397 'super DAC'
- Marantz' Current Feedback Hyper Dynamic Amplifier Modules (HDAM)
- Dedicated power supply circuits for system blocks
- Zero impedance matching joint
- Symmetric discrete circuit architecture
- Gold plated outputs for best connectivity
- Display off function to minimized high frequency noise interference
- High quality headphone fast current buffer output
- Quick replay
- Dedicated remote and Marantz D-Bus



PM4001 OSE

INTEGRATED STEREO AMPLIFIER



- Original Special Edition of the PM4001
- 2 x 40 Watts (8 Ohm RMS) power amplification
- Improved sound quality by customized audio components and more
- Reproduction closer to original recording and wider soundstage
- Solid metal front panel and rigid chassis construction
- Symmetric circuit architecture
- Full recording out selector and Tape monitor function
- Source Direct function
- Tone control
- Two pair of speaker output - A/B
- Six audio inputs including phono (MM)
- Headphone output
- System remote control and Marantz D-Bus



CD5001 OSE

CD PLAYER



- Original Special Edition of the CD5001
- Improved sound quality by customized audio components and more
- Reproduction closer to original recording and wider soundstage
- Compatible with CD DA and CD-R/RW discs
- Solid metal front panel and rigid chassis construction
- CD-Text on front panel display (when available)
- Multi-bit D/A conversion CS4392
- Gold plated cinch
- Display off function to minimized high frequency noise interference
- Pitch control
- Headphone output
- Digital coaxial and optical outputs
- Dedicated remote and Marantz D-Bus



It takes two *to tango*

Feel the rhythm of this year's Marantz collection of stereo products, and enjoy the very best that two channels have to offer. Everything you need is here, classic build, elegant looks and top-quality sound with rich, accurate sound reproduction every time. As an added extra this year, we have included the Marantz IS201 universal docking station for iPod: the only dock for iPod that is compatible with every audio system - be it a high-end AV separates system, a 'cinema-in-a-box' or even a simple stereo amplifier and TV system. Enjoy.





PM7001

INTEGRATED STEREO AMPLIFIER



- 2 x 75 Watts (8 Ohm RMS) power amplification
- Power stage with Current Feedback technology
- Fast signal handling and extended frequency range
- Marantz Current feedback Hyper Dynamic Amplifier Modules (HDAM-SA2)
- Symmetric circuit architecture
- Linear Drive Power Supply
- High-grade audio components
- Source Direct function for best sound quality
- Full recording out selector
- Six audio inputs including Phono (MM)
- Tone control
- Pre Out / Main In connectivity
- Two pair of speaker output - A/B
- System remote control and Marantz D-Bus



PM4001

INTEGRATED STEREO AMPLIFIER



- 2 x 40 Watts (8 Ohm RMS) power amplification
- Solid metal front panel and rigid chassis construction
- Symmetric circuit architecture
- High-grade audio components
- Full recording out selector
- Tape monitor function
- Tone control
- Source Direct function
- Two pair of speaker output - A/B
- Six audio inputs including Phono (MM)
- Headphone output
- System remote control and Marantz D-Bus



SA7001

SA-CD PLAYER



- SA-CD (stereo) and CD, CD-R/RW playback
- Audiophile D/A conversion via the CS4397 'super DAC'
- Marantz' Current Feedback Hyper Dynamic Amplifier Modules
- Dedicated power supply circuits for system blocks
- High grade audio components
- Zero impedance matching joint
- Symmetric discrete circuit architecture
- Gold plated outputs for best connectivity
- Display off function to minimized high frequency noise interference
- High quality headphone fast current buffer output
- Quick replay
- Dedicated remote and Marantz D-Bus



CD5001

CD PLAYER



- Compatible with CD and CD-R/RW discs
- Solid metal front panel and rigid chassis construction
- CD-Text on front panel display (when available)
- Multi-bit D/A conversion via CS4392 DAC
- Selected audio components
- Display off function to minimized high frequency noise interference
- Headphone output
- Digital coaxial and optical outputs
- Auto Music Scan
- Pitch control
- Dedicated remote and Marantz D-Bus



ST7001

DAB TUNER



- DAB digital dual band and analogue Tuner
- Band III, Band L, stereo FM and MW reception
- 192kHz/24-bit audio DAC
- Selected audio components for best sound
- Optical and Coaxial digital output
- Optical RDI (Radio Data Interface) output
- Radio Data System (RDS) function
- Jog-shuttle control
- Solid metal front panel and rigid chassis construction
- Manual station name input
- Two hundred presets across all wavebands
- Sleep and timer function
- Dedicated remote control and Marantz D-Bus



ST6001

TUNER



- Drift-free stereo FM, MW and LW reception
- Radio Data System (RDS) function
- Dual gate MOS-FET front end
- Solid metal front panel and rigid chassis construction
- High grade audio components for best sound
- IF bandwidth selector for best selectivity
- Two FM antenna inputs switch able
- Manual station name input
- Sixty presets across all wavebands
- Display dimmer (via external RC)
- Sleep and timer function
- Marantz D-Bus



SR4021

STEREO RECEIVER



- 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 RX7001)
- System remote control and Marantz D-Bus



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



CC4001

CD CHANGER



- 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
- RS232c and Flasher In ports for system integration
- Dedicated remote with direct disc access and Marantz D-Bus



SD4051

DUAL CASSETTE DECK



- 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
- Synchronized recording with Marantz CD players
- Pitch control
- Marantz D-Bus for synchrony recording only
- IR-receiver built in



IS201

DOCKING STATION FOR IPOD



- Docking station for iPod
- Compatible with iPod nano, iPod video, iPod mini, iPod photo and iPod (10GB, 15GB, 20GB, 30GB, 40GB, 60GB)
- S-Video out and stereo audio out
- Creates own OSD information on TV set for ease of use
- Connection to each brand product possible
- Connection case separate from cradle to alleviate cable clutter
- Cradle can be desktop placed or wall mounted
- iPod will be charged while docking; power adapter included
- Ease of use by dedicated remote control
- Full controllability via Marantz learning remote
- 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 (IR-92 successor) for multi-room or custom installations



Size *matters*

First introduced last year, the Marantz range of compact integrated high fidelity stereo systems gained great popularity, thanks to their superb performance and space-saving size. Their advanced functionality, such as DAB and MP3 playback, perfectly complements their stylish look simple elegance.





CR601

DAB CD-RECEIVER



- High performance CD-Receiver system with (DAB)
- 2 x 30 Watts (6 Ohm RMS) power amplification
- Dual DAB Band III & Band L, Stereo FM and AM reception
- Solid metal front panel and rigid chassis construction
- RDS function with station name and radio text indication
- Automatic tuning function for easy radio channel installation with total 99 presets
- High quality playback of CD and CD-R/RW
- MP3 playback including text information
- Clock and Sleep timer function
- Headphone output
- Tone control and source direct function
- Several in- and outputs, including subwoofer out for system expansion
- Easy to use button layout on front panel operation
- Dedicated remote control



CR401

CD-RECEIVER



- High quality CD-Receiver system
- 2 x 30 Watts (6 Ohm RMS) power amplification
- Stereo FM and AM reception
- RDS function with station name and radio text indication
- Solid metal front panel and rigid chassis construction
- Easy to use button layout on front panel operation
- High quality playback of CD, CD-R/RW
- MP3 playback including text information
- Clock and Sleep timer function
- Headphone output
- Tone control and source direct function
- 3 line in and 2 line out plus digital optical output
- Subwoofer pre out
- Dedicated remote control



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.





RC9500

PROGRAMMABLE TOUCHSCREEN REMOTE CONTROL

16MB MEMORY 64K COLOURS 100% EDITABLE PC CONNECTABLE 250 STEPS

- High flexible remote control with direct learn function and PC edit software
- Large colour touch screen LCD display with 64K colours
- Dedicated edit software (Wizz-it 9)
- Programmable direct access hard buttons and cursor control
- Macro programming possibility under any button
- 100% Editable screen and transparent graphics for easy background integration
- 16Mb non-volatile memory (updateable to 48MB)
- Device and page menu
- Clock and date indication with clock timer
- IR/RF transmission capability (with RX7001)
- Transparent graphics and blending possibility
- PCF file format with CCF conversion possibility (via Wizz-it 9)
- USB communication port for PC connectivity
- Docking station and power adaptor included



RC5400

PROGRAMMABLE TOUCH SCREEN REMOTE CONTROL

8MB MEMORY 16 GREYSCALE 100% EDITABLE PC CONNECTABLE 250 STEPS

- High flexible remote control with direct learn function and PC edit software
- Large monochrome touch screen LCD display with 16 greyscale levels
- Dedicated edit software (Wizz-it 5)
- Programmable direct access hard buttons and cursor control
- Macro programming possibility under any button
- 100% Editable screen and transparent graphics for easy background integration
- 8Mb non-volatile memory
- Device and page menu
- Clock and date indication
- IR/RF transmission capability (with RX7001)
- PCF file format with CCF conversion possibility (via Wizz-it 5)
- USB communication port for PC connectivity
- Docking station and power adaptor included



RX7001

RF EXTENDER

- Automatic RF to IR conversion with RC5400 and RC9500
- Free positional RF antenna for improved reception
- IR flood via built in multiple sending eyes (on / off switchable)
- 4 flasher outputs with power control
- Flasher output grouping option
- IR output power regulation
- Four flasher cables each with two IR emitters
- Selectable ID and channel combinations for use of several RX7001 in parallel
- Approximately 45 meters RF operating distance (open air)
- Wall fixing adapter plate included
- Power adapter included

TECHNICAL INFORMATION

Visit our website for more in-depth specifications

PLC AV Receiver

ZR6001

FEATURES	
MULTICHANNEL SURROUND	
DTS 5.1 / DTS ES / DTS 96/24	•/•/•
Dolby Digital / Dolby Digital EX / DPL / DPL II / DPL IIx	•/•/•/•/•
Circle Surround II	•
Virtual Surround / Multichannel Stereo	•/•
HT-EQ / Re-EQ	•/-
Headphone Surround	Dolby Headphone
HDCD Decoder	•
-WEAVE- Multiroom	
PLC Technology	•
Modulation Method	Multi carrier
Frequency Band	2MHz - 20MHz
SOUND ENHANCEMENTS	
Current Feedback Topology	•
Real full channel power drive (70%)	•
Discrete Amplification (All)	•
Pure Direct	•
DAC (192kHz/24-bit / 96kHz/24-bit)	•/-
Digital Processing: (32-bit / 64-bit)	•/-
High Grade Audio Components	•
Chassis : (Die-cast / Copper plated / Metal)	-/-•
OTHERS	
MRAC (Marantz Room Accoustic Corrections)	-
Easy setup	•
Front panel cursor control	•
On Screen Display: main / multiroom	•/-
Variable cross over	•
Lip sync control	•
Video conversion	• (CVBS < > S > Comp)
HDMI: video switching	-
Multiroom zones	1
Speaker A/B	-
Tuner	1
Random Tuner Presets	50
RDS: PTY/PS/CT/TA/TP	•/•/•/•
Auto TV Switching (On/Off)	•
Discrete RC coding (Main- / Multiroom)	•/•
RS232C (control / update)	•/•
IN/OUTPUTS	
VIDEO	
Composite In/Out	5/3
S-Video In/Out	5/3
Component In/Out	2/1
HDMI in/out (version x.x)	-/-
Multi-Room Video Out: CVBS / S-Video / Component	-/-
AUDIO	
Analogue In/out	8/4
Digital Optical In/Out	2/1
Digital Coaxial In/Out	2/1
Multi-Room Audio Out	1
Pre Out / Main In (7.1ch)	•/-
Multichannel in	•
Headphone Out	•
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	-/4
IR Flasher In	•
RS232C	•
Front Inputs: Audio / Composite / S-Video / Digital (Opt)	•/•/•/•
I-Pod input (direct / docking station)	-/•
SPECIFICATIONS	
AUDIO SECTION	
Power Output (8/4 Ohm RMS)	90/- W
Signal to Noise Ratio	105 dB
D/A Converter	CS4382
Digital Signal Processor	CS494003
TUNER SECTION FM	
Frequency Range	87.5 - 108.00 MHz
Signal to Noise Ratio (mono/stereo)	75/70 dB
TUNER SECTION AM	
Frequency Range	531-1602kHz
Signal to Noise Ratio	50 dB

PLC AV Receiver

ZR6001

VIDEO SECTION	
Input level/impedance	1 Vp-p / 75 ohm
Output level/impedance	1 Vp-p / 75 ohm
Video frequency response	5-30MHz
Component frequency response	5 to 80MHz
GENERAL	
Available colors: Platinum/Gold/Silver/Black	-/-/•/•
Metal Front Panel	•
System Remote Control	RC5500SR
Pre-programmed / Learnable / Touch Screen	•/-
Power Consumption	600 W
Detachable Power Cable	•
Maximum Dimensions (W x D x H)	440 x 463 x 163 mm
Weight	13kg

Audio Client

ZC4001

FEATURES	
-WEAVE- Multiroom	
PLC Technology	•
Modulation Method	Multi carrier
Frequency Band	2MHz - 20MHz
SOUND ENHANCEMENTS	
SRS WOW	•
OTHERS	
Easy setup	•
Direct source selection	•
Direct control buttons	•
Cursor leaf control	•
RDS-Text display	•
Clock	•
Sleep Timer	•
Wake Up Timer	•
Display Dimmer	•
IN/OUTPUTS	
Local Input	•
RS232C (update)	•
GENERAL	
Colour	Silver-Brown
Metal Front Panel	•
Power Output	2x 10 W
Remote controllable	•
Maximum Dimensions (W x D x H)	362 x 112 x 128 mm
Weight	3kg

LCD TV

LC3201e

FEATURES	
DVB-T digital TV tuner	•
MHEG5 support	-
Analogue TV tuner	•
Colour Transmission Systems	PAL B/G, D/K, I, SECAM B/G, D/K, L
Multinorm	•
HDTV ready (720p / 1080i)	•/•
Supported PC Resolution: (VGA / SVGA / XGA / WXGA / SXGA)	•/•/•/•/•
Channel Presets	99
Speakers System (fix / detachable)	-/•
PICTURE PROCESSING	
Progressive Scan	•
Film mode detection	•
Noise Reduction	•
Color Temperature (standard / warm / cool)	•/2/2
Control: (Sharpness / Contrast / Brightness / Colour / Tint)	•/•/•/•/•
Selectable Aspect Ratio Modes	•
Picture Modes (Standard / Natural / Dynamik / User)	•/•/•/•
PIP (multiple screen / swap / size / position)	•/•/•/•
SOUND PROCESSING	
Sound System: A2 Sterep / Nicam Stereo	•/•
Digital Signal Processing	•
Bass/Treble Control	- (via Equalizer)
Sound Equalizer (Standard, Music, Movie, News, User)	•
Language I-II Selection	SRS WOW
Virtual surround	SRS WOW
AVL (Automatic Volume Level)	•
OTHERS	
Multilanguage On Screen Display (En, De, Fr, Sp, It)	•
PIP/POP/Double window	•/-/•
Channel Surf Loop	•
Automatic Tuning System	•
Manual Channel Sorting (editing / naming)	•
Fine Tune	•
Sleep Timer	•
Teletext (TT)	•
TT Page Memory	252
Still picture	•
Auto Power Off	•
Key Lock	•
INPUTS/OUTPUTS	
DVi (HDCP)	-
HDMI (HDCP)	1
Scart In/out (RGB)	2 (1 RGB)
Component In (Y, Cb/Pb, Cr/Pr)	1
S-video In	1
Composite	1
VGA In	1
Audio In VGA (stereo RCA)	1
Antenna In	1
CAM (conditional access module) Slot	-
Card Reader	-
Subwoofer out	•
Headphone out	-
Audio Out (Constant level)	1
Digital Audio Out on DVB (opt. / coax.)	•/•
RS232 (control / update)	-/•
SPECIFICATIONS	
Visible Screen Diagonal	42"
Aspect Ratio	16:9
Viewing angle: Hor. / Ver.	170 / 170
Resolution	1366 x 768
Pixel pitch	TBA
Contrast Ratio (Dark Room)	1.000:1
Brightness	450 cd/m2
Response time	8ms
A-Class panel	•
Output Power (8 Ohm RMS)	2ch 10W
Power input voltage	AC100V-240V 50/60Hz
GENERAL	
Colour	black
Remote	•
Power Consumption (typical)	225 W
Standby Consumption	<3 W
Tablestand included	•
Wallmount included	-
Dimensions (excl. table stand) (W x H x D)	1057 x 725 x 115 mm
Dimensions (incl. table stand) (W x H x D)	1057 x 796 x 350 mm
Weight (incl. table stand)	32,6 kg

LC3701e

TECHNICAL INFORMATION

Visit our website for more in-depth specifications

AV Receivers

	SR9600	SR8001	SR7001	SR6001	SR5001	SR4001	SR3001
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 / Multichannel 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	MRAC advanced	Audyssey MultEQ	Audyssey MultEQ	Audyssey MultEQ	-	-	-
Easy setup	●	●	●	●	●	●	●
Front panel cursor control	●	●	●	●	●	●	●
On Screen Display: main / multiroom	●/●	●/●	●/●	●/●	●/●	●/●	●/●
Variable cross over	●	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)	● (CVBS < S > Comp)	-
T.B.C. - time base correction	●	●	●	●	●	●	●
HDMI: video switching	●	●	●	●	●	●	●
HDMI: up-conversion	-	●	●	●	-	-	-
HDMI: IP conversion	-	●	●	●	-	-	-
Multiroom 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- / Multiroom)	●/●	●/●	●/●	●/●	●/●	●/●	●/●
RS232C (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	4/1	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	●/●	●/●	●/●	●/●	●/●	-/●
Multichannel 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	1	-
RS232C	●	●	●	●	●	●	●
DC Triggers	4	2	2	1	1	-	-
Front Inputs: Audio / Composite / S-Video / Digital (Opt)	●/●/●/●	●/●/●/●	●/●/●/●	●/●/●/●	●/●/●/●	●/●/●/●	-/●/●/●
I-Pod 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	CS42428
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 100MHz	5 to 80MHz	5 to 80MHz	5 to 80MHz	5 to 80MHz	5 to 80MHz	5 to 80MHz
GENERAL							
Available colors: Platinum/Gold/Silver/Black	-/●/●/-	-/●/●/-	-/●/●/●	-/●/●/●	-/●/●/●	-/●/●/●	-/●/●/●
Metal Front Panel	●	●	●	●	●	●	●
System Remote Control	improved RC3200	RC8001SR	RC8001SR	RC5001SR	RC5001SR	RC5001SR	RC5500SR
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	12.3kg	11.4kg	11.1 kg



SR9600



SR8001



SR7001



SR6001

TECHNICAL INFORMATION

Visit our website for more in-depth specifications

DVD Players

	DV9600	DV7001	DV6001	DV4001
FEATURES				
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)	•(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	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	•/•/•/•/•	•/•/•/•/•	•/•/•/•/•	•/•/•/•/•
RS232C (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	1	1	1
HDMI (version x.x)	1.1	1.1	1.1	1.0
AUDIO				
Scart	1	1	1	1
Analogue Out (Cinch)	2	1	1	1
Multi channel out (5.1)	•	•	•	•
Gold Plated Cinch	•	•	-	-
Digital Coaxial Out	1	1	1	1
Digital Optical Out	1	1	-	-
IEEE 1394 - Firewire - i-Link	•	-	-	-
OTHER				
D Bus In/Out	•	•	•	•
RS232C	•	•	•	•
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	ADV7320	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 96kHz)	4 Hz - 44 kHz (DVD fs 96kHz)	4 Hz - 44 kHz (DVD fs 96kHz)	4 Hz - 44 kHz (DVD fs 96kHz)
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	130dB	TBA	TBA	110 dB
Dynamic Range: CD / DVD	110dB	TBA	TBA	100 dB
Total Harmonic Distortion (THD)	0,000008	TBA	TBA	0,003
GENERAL				
Available colors: Platinum/Gold/Silver/Black	•/•/•/•	•/•/•/•	•/•/•/•	•/•/•/•
Metal Front Panel	•	•	•	•
Remote Control	RC9600DV	RC001DV	RC001DV	RC001DV
Power Consumption	24 W	TBA	TBA	9 W
Detachable Power Cable	•	•	•	•
Maximum Dimensions (W x D x H)	440 x 384 x 115 mm	TBA	440 x 319 x 60 mm	440 x 319 x 60 mm
Weight	8,5 kg	TBA	TBA	4 kg

DVD Players

	DV3001e
FEATURES	
MULTICHANNEL SURROUND	
Decoder: DD / DTS / MPEG / DTS96/24 / DVD-A / SACD	•/•/•/•/•/•
Virtual surround	-
Headphone surround	-
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	-
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)	•/•/•/•/•/•
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	•/•/•/•/•
RS232C (control / update)	•/•
INPUTS/OUTPUTS	
VIDEO	
Composite Out	1
S-Video Out	1
Component Out	1
Gold Plated Cinch (Video)	-
Scart (RGB)	1
HDMI (version x.x)	1.0
AUDIO	
Scart	1
Analogue Out (Cinch)	1
Multi channel out (5.1)	•
Gold Plated Cinch	-
Digital Coaxial Out	1
Digital Optical Out	1
IEEE 1394 - Firewire - i-Link	-
OTHER	
D Bus In/Out	-
RS232C	-
SPECIFICATIONS	
D/A conversion (video)	108 MHz/12-bit
D/A converter (video)	TBA
D/A conversion (audio)	192 kHz/24-bit (all channels)
D/A converter (audio)	TBA
Frequency response	4 Hz - 44 kHz (DVD fs 96kHz)
Frequency response (SACD, DVD-A)	-
Signal to Noise Ratio	TBA
Dynamic Range: CD / DVD	TBA
Total Harmonic Distortion (THD)	TBA
GENERAL	
Available colors: Platinum/Gold/Silver/Black	•/•/•/•
Metal Front Panel	•
Remote Control	RC 3001e DV
Power Consumption	TBA
Detachable Power Cable	-
Maximum Dimensions (W x D x H)	TBA
Weight	TBA



SR5001



SR4001



SR3001



DV9600

TECHNICAL INFORMATION

Visit our website for more in-depth specifications

Integrated stereo amplifiers

	PM7001KI	PM7001	PM4001OSE	PM4001
FEATURES				
Channels	2	2	2	2
Current Feedback Topology	•	•	•	•
Linear Drive Power Supply	•	•	•	•
CCNE	-	-	-	-
Linear volume control	-	-	-	-
Floating control bus system	-	-	-	-
BTL Possibility	-	-	-	-
BI-AMP and Multichannel option	-	-	-	-
Power Transformer: Super-ring / Toroidal / EI	-/•/-	-/•	-/•	-/•
Choke input	-	-	-	-
Shotky diodes	•	•	•	•
HDAM: Standard / SA / SA2 / Current Feedback	-/•/-	-/•	-/•/-	-/•/-
HDAM cover: Gold plated / Copper plated / Metal / plastic / no shield	-/•/-	-/•/-	-/•/-	-/•/-
High Grade Audio Components	•	•	•	•
Customised Components	•	•	•	•
Current Feedback phono equalizer	-	-	-	-
Input buffer amp (all inputs / CD only)	-/•	-/•	-/•	-/•
Construction: Twin mono / 3-Stage circuit	-/•	-/•	-/•	-/•
Symmetric PCB Layout	•	•	•	•
Separate Solid Heat Sinks	-	-	-	-
System block shielding: Copper / metal / none	-/•	-/•	-/•	-/•
Chassis : Die-cast / Copper plated / Metal	-/•/-	-/•	-/•	-/•
Double Layer Bottom Plate	•	-	-	-
Low noise LCD display	-	-	-	-
Temperature Gauge	-	-	-	-
Balance / Bass / Treble / Loudness	•/•/•/-	•/•/•/-	•/•/•	•/•/•
Source Direct	•	•	•	•
Speaker A/B	•	•	•	•
Record Selector: full / copy-source	-/•	-/•	-/•	-/•
Standby Mode	•	•	•	•
INPUTS/OUTPUTS				
Audio Inputs	6	6	6	6
Phono Input: MM/MC	•/-	•/-	•/-	•/-
Audio Outputs	2	2	2	2
Balanced In/Out	-/•	-/•	-/•	-/•
Processor In/Out	-	-	-	-
Pre-out / Main-in	•/•	•/•	-/•	-/•
D-Bus In/Out	•	•	•	•
Gold Plated Cinch	-	CD only	-	-
Speaker Terminal: Click-fit / Screw / WBT	-/•/-	-/•/-	-/•/-	-/•/-
Floating control bus (3.5mm mono jack x 2)	-	-	-	-
AC Outlets (Not for UK Model)	-	-	-	-
Headphone Out	•	•	•	•
I-Pod input (direct / docking station)	-/•	-/•	-/•	-/•
SPECIFICATIONS				
Power Output (8/4 Ohm RMS)	75/120 W	75/120 W	40/55 W	40/55 W
Power Output (8/4 Ohm DIN)	85/130 W	85/130 W	45/60 W	45/60 W
Power Output (8/4 Ohm IHF)	95/160 W	95/160 W	55/80 W	55/80 W
Frequency Response	10Hz-80kHz (+0,-1dB)	10Hz-80kHz (+0,-1dB)	10Hz-50kHz (+0,-1dB)	10Hz-50kHz (+0,-1dB)
Total Harmonic Distortion	0.01%	0.01%	0.005%	0.005%
Bridged Power Output (8 Ohm RMS)	-	-	-	-
Damping Factor	100	100	100	100
Input Sensitivity: MM	2.5mV / 47kOhm	2.5mV / 47kOhm	2.5 mV / 47 kOhm	2.5 mV / 47 kOhm
Input Sensitivity: MC	-	-	-	-
Signal to Noise Ratio: MM/MC	85/- dB	85/- dB	80/- dB	80/- dB
Input Sensitivity: High level	200mV /20kOhm	200mV /20kOhm	170mV /20kOhm	170mV /20kOhm
Signal to Noise Ratio: High level	108dB	108dB	104dB	104dB
GENERAL				
Available colors: Platinum/Gold/Silver/Black	-/•/•	-/•/•	-/•/•	-/•/•
Metal Front Panel	•	•	•	•
Power Consumption	220 W	220 W	100 W	100 W
Detachable Power Cable	•	•	•	•
Remote Control	RC4001PM	RC4001PM	RC4001PM	RC4001PM
System Remote Function	System	System	System	System
Maximum Dimensions (W x D x H)	440 x 364 x 123 mm	440 x 364 x 123 mm	440 x 343 x 116 mm	440 x 343 x 116 mm
Weight	11.0 kg	10.5 kg	6.0 kg	6.0 kg

Tuners

	ST7001	ST6001
FEATURES		
Broadcast bands: DAB / FM / MW / LW	•/•/•/-	-/•/•/•
Dual Gate MOS-FET	-	•
Phase Lock Loop Synthesizer	•	-
IF Bandwidth Selector	-	•
High Alternate Channel Selectivity	-	-
HDAM	-	-
Customised Components	•	•
System Blocks Shielding (front end)	-	-
Presets	100(DAB)/100(FM/AM)	30(FM)/30(AM)
Auto Tuning	•	•
RDS: PTY/PS/CT/TA/TP	•/•/•/•/-	•/•/•/•/•
RDS: EON	-	-
Station Naming	•	•
Sleep / Timer	•/•	•/•
Birdy Whistle Elimination Circuitry	•	•
Gyro Touch Tuning	-	-
Display dimmer	•	• (via external RC)
DAB FEATURES		
DRC	•	-
Digital filter	AD1852	-
D/A Converter	192kHz/24bit	-
IN/OUTPUTS		
Analogue Out	1	1
D-Bus In/Out	1	1
DAB terminal (1F)	1	-
FM Antenna	1	2 (A/B)
AM Antenna	1	1
Digital Outputs: Coaxial / Optical	1/1	-
RDI output: Coaxial / Optical	-/1	-
SPECIFICATIONS		
DAB SECTION		
Receiving Range (Band III / Band L)	•/•	-/•
Signal to Noise Ratio DAB (Mono/Stereo)	103dB	-
Total Harmonic Distortion DAB (Mono/Stereo)	0,00007	-
Frequency response DAB	5Hz-20kHz(+0.5/-0.5dB)	-
Channel Selectivity DAB	40dB	-
Usable Sensitivity DAB	-99dBm	-
Stereo Separation DAB	100dB	-
TUNER SECTION FM		
Frequency Range	87.5 - 108 MHz	87.5 - 108 MHz
Signal to Noise Ratio (Mono/Stereo)	74 / 68 dB	80 / 75 dB
Total Harmonic Distortion (Mono/Stereo)	0.2 / 0.3%	0.08 / 0.15 %
Frequency response	20Hz-15kHz (+0.5dB/-1dB)	20Hz - 15kHz (+0.5dB/-3dB)
Channel Selectivity (FM)	50 dB \pm 400 kHz	65 dB
Usable Sensitivity	IHF 1.1 μ V / 12.2 dBf	IHF 1.2 μ V / 16.4 dBf
Stereo Separation	1 kHz, 45 dB (Stereo)	1 kHz, 50 dB (Stereo)
TUNER SECTION AM		
Frequency Range: MW / LW	522 - 1620 kHz	152-280 / 531 - 1602 kHz
Signal to Noise Ratio: MW / LW	54 / - dB	50 / - dB
Distortion	0,02	1% (85 dB m)
Channel Selectivity	\pm 9 kHz 25 dB	\pm 20 kHz 30 dB
GENERAL		
Available colors:	-/•/•/•	-/•/•/•
Platinum/Gold/Silver/Black	-	-
Metal Front Panel	•	•
Remote Control	RC7001ST	-
Power Consumption	14 W	7.6 W
Detachable Power Cable	•	-
Maximum Dimensions (W x D x H)	440 x 360 x 78 mm	440 x 307 x 96 mm
Weight	4.1 kg	3.8 kg

Stereo Receiver

	SR4021
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 equalizer	-
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	•
RS232C (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 Synthesizer	-
IF Bandwidth Selector	-
High Alternate Channel Selectivity	-
Presets	-
Auto Tuning	30
RDS: PTY/PS/CT/TA/TP	•/•/•/•/•
RDS: EON	-
Station Naming	•
Sleep / Timer	-/•
Birdy Whistle Elimination Circuitry	•
INPUTS/OUTPUTS	
Audio Inputs	8
Phono Input: MM/MC	•/-
Audio Outputs	3
Video inputs	4
Video outputs	2
Digital In / Out	-/•
Processor In / Out	-/•
Pre-out / Main-in	•/•
FM Antenna	1
AM Antenna	1
D-Bus In/Out	•
Gold Plated Cinch	-
Speaker Terminal: Click-fit / Screw / WBT	-/•/•
AC Outlets (Not for UK Model)	-
Headphone Out	•
I-Pod input (direct / docking station)	-/•
SPECIFICATIONS	
AUDIO SECTION	
Power Output (8/4 Ohm RMS)	80/- W
Frequency Response	10Hz - 65 kHz (-3dB)
Total Harmonic Distortion	0,08%
Damping Factor	N/A
Input Sensitivity: MM	2.6mV
Input Sensitivity: MC	-
Signal to Noise Ratio MM/MC	>70 dB
Input Sensitivity: High level	200 mV / 47 kOhm
Signal to Noise Ratio High Level	>95 dB
VIDEO SECTION	
Input level/impedance	1Vp-p / 75 ohm
Output level/impedance	1Vp-p / 75 ohm
Video frequency response	5 - 30 MHz
Signal to Noise Ratio	>60 dB
GENERAL	
Available colors:	-/•/•/•
Platinum/Gold/Silver/Black	-
Metal Front Panel	•
Remote Control	RC4021SR
System Remote Function	•
Power Consumption	220 W
Detachable Power Cable	•
Maximum Dimensions (W x D x H)	440 x 388 x 163 mm
Weight	11.7 kg

TECHNICAL INFORMATION

Visit our website for more in-depth specifications

CD Players

	SA7001 KI	SA7001	CD5001/05E	CD5001
FEATURES				
Disc Capacity	1	1	1	1
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	●	●	●	●
Symetric 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	●	●	●	●
RS232C (control / update)	-/-	-/-	-/-	-/-
PLAYBACK				
Program Play	30	30	30	30
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	2ch	2ch
Balanced Out	-	-	-	-
Digital Optical Out	1	1	1	1
Digital Coaxial Out	1	1	1	1
Gold plated Cinch	●	●	●	●
D-Bus In/Out	●	●	●	●
RS232C	-	-	-	-
Headphone Out	●	●	●	●
Headphone Volume Control	●	●	●	●
SPECIFICATIONS				
Mechanism	FG-SA7001	FG-SA7001	KSS-213CCM	KSS-213CCM
Decoder	CXD1885Q	CXD1885Q	TC9462F	TC9462F
D/A Conversion	DSD	DSD	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma
DAC IC	CS4397	CS4397	CS4392	CS4392
Digital Filter	CS4397	CS4397	CS4392	CS4392
Noise Shaper	CS4397	CS4397	CS4392	CS4392
Low Pass Filter stage	HDAM	HDAM	NJM2114	NJM2068
Output Buffer	HDAM	HDAM	-	-
SA-CD AUDIO				
Frequency Response (Cust.)	2Hz-50kHz (+0, -3dB)	2Hz-50kHz (+0, -3dB)	-	-
Dynamic Range (SA)	112dB	112dB	-	-
Signal to Noise Ratio (SA)	112dB	112dB	-	-
Total Harmonic Distortion (SA)	0.0015	0.0015	-	-
Channel Separation (SA)	108dB	108dB	-	-
CDDA AUDIO				
Frequency Response	2Hz-20kHz	2Hz-20kHz	20Hz- 20 KHz	20Hz- 20 KHz
Dynamic Range	< 100dB	< 100dB	100dB	100dB
Signal to Noise Ratio	111dB	111dB	100dB	100dB
Total Harmonic Distortion	0.002	0.002	0,000025	0,000025
Channel Separation	110dB	110dB	100dB	100dB
GENERAL				
Available colors: Platinum/Gold/Silver/Black	-/-/●/●	-/-/●/●	-/-/●/●	-/-/●/●
Metal Front Panel	●	●	●	●
Remote Control	RC7001SA	RC7001SA	RC5400CD	RC5400CD
Power Consumption	19 W	19 W	12 W	12 W
Detachable Power Cable	●	●	-	-
Maximum Dimensions (W x D x H)	440 x 335 x 128 mm	440 x 335 x 128 mm	440 x 317 x 89 mm	440 x 317 x 89 mm
Weight	8.0 kg	6.3 kg	3.7 kg	3.7 kg

CD Changer

	CC4001
FEATURES	
Disc Capacity	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	-
Symetric 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	●
RS232C (control / update)	●/●
PLAYBACK	
Program Play	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
Balanced Out	-
Digital Optical Out	1
Digital Coaxial Out	1
Gold plated Cinch	●
D-Bus In/Out	●
RS232C	●
Headphone Out	●
Headphone Volume Control	●
SPECIFICATIONS	
Mechanism	KSS-213CCM
Decoder	CXD3068Q
D/A Conversion	Multi-bit, Delta-Sigma
DAC IC	CS4392
Digital Filter	CS4392
Noise Shaper	CS4392
Low Pass Filter stage	NJM2068
Output Buffer	-
SA-CD AUDIO	
Frequency Response (Cust.)	-
Dynamic Range (SA)	-
Signal to Noise Ratio (SA)	-
Total Harmonic Distortion (SA)	-
Channel Separation (SA)	-
CDDA AUDIO	
Frequency Response	20Hz- 20 KHz
Dynamic Range	100dB
Signal to Noise Ratio	100dB
Total Harmonic Distortion	0,002
Channel Separation	110dB
GENERAL	
Available colors: Platinum/Gold/Silver/Black	-/-/●
Metal Front Panel	●
Remote Control	RC4001CC
Power Consumption	19 W
Detachable Power Cable	●
Maximum Dimensions (W x D x H)	440 x 404 x 114 mm
Weight	6.9 kg

Systems

	CR4001	CR401
FEATURES		
CD Compatibility: CD / CD-R/RW / HDCD / SA-CD/ WMA / MP3	●/●/●/●/●/-/-	●/●/●/●/●/-/-
Broadcast bands: DAB / FM / MW / LW	●/●/●/-	-/●/●/-
Auto Tuning	●	●
Presets	40FM/AM 59DAB	40FM/AM
RDS: PTY/PS/CT/TA/TP/EON	-/●/●/●/- +RT	-/●/●/●/- +RT
Manual station Naming	-	-
Tone Control: Bass / Treble / Bass Boost	●/●/-	●/●/-
Clock	-	-
Sleep Timer	-	-
Programmable Timer: Once/Daily/Weekday	●/●/●	●/●/●
Display Dimmer	-	-
INPUTS/OUTPUTS		
AUDIO		
Analogue In/out	3/2	3/2
Digital Optical In/Out	-/1	-/1
Digital Coaxial In/Out	-/-	-/-
OTHER		
Stereo PreOut	-	-
Subwoofer PreOut	●	●
Speaker Terminal: click fit / Screw	1/-	1/-
D Bus In/Out	-	-
AC Outlets (Not for UK Model)	-	-
Headphone Out	1	1
I-Pod input (direct / docking station)	-/●	-/●
SPECIFICATIONS		
AUDIO SECTION		
Power Output	30W(40hm)	30W(40hm)
Number of channels	2	2
Freq. Response (Analogue In)	10Hz - 50kHz	10Hz - 50kHz
Signal to Noise Ratio (audio)	97dB	97dB
Total Harmonic Distortion (audio)	0.2%(1kHz)	0.2%(1kHz)
DAB SECTION		
Receiving Range (Band III / Band L)	●/●	-/-
TUNER SECTION FM		
Frequency Range FM	875 - 108 MHz	875 - 108 MHz
Signal to Noise Ratio (Mono/Stereo) FM	66/55dB	66/55dB
Total Harmonic Distortion (Mono/Stereo) FM	0.4/0.46%	0.4/0.46%
Stereo Separation FM	37dB (1kHz)	37dB (1kHz)
TUNER SECTION AM		
Frequency Range AM	522 - 1611 kHz	522 - 1611 kHz
Signal to Noise Ratio AM	35 dB	35 dB
GENERAL		
Available colors	Silver	Silver
Metal Front Panel	●	●
Remote Control	Yes	Yes
Power Consumption	75W	75W
Detachable Power Cable	-	-
DAB antenna included	●	●
Maximum Dimensions (W x D x H)	210 x 336 x 146 mm	210 x 336 x 146 mm
Weight	5.7 kg	5.7 kg

TECHNICAL GLOSSARY



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.



NOISE SHAPING VIDEO (NSV)

Provides the most accurate video signal representation and enhances the picture quality by shifting unwanted noise in a non-visible area.



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_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 theaters 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.



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.



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 AV-Receiver and run one cable to the TV set. For perfect synchronization 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. Please check capability per product in the specification section.



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. The four key technologies are:

TruMotionHD

De-interlacing technology that makes input signals progressive, converting them from interlaced to non-interlaced sequentially. TruMotionHD also reduces chroma upsampling errors caused by MPEG decoders of DVD players.

FineEdge

FineEdge refers to edge enhancement (correction and emphasis) and adaptive processing. This processing smoothes image edges extremely well, especially lines running diagonally. In combination with the TruMotionHD the picture will be of an extraordinary sharpness and stability.

RealityExpansion

The GF9351 uses 10-bit processing for all signal processing, a technique called RealityExpansion. 10-bit processing produces exceptionally better gradation than typical 8-bit processing, raising the number of colours to a higher order of magnitude from 16.77 million to more than a billion. With the increased number of possible colors the reproduced pictures appear much more natural.

FidelityEngine

Detail emphasis and noise reduction are provided by what is called the FidelityEngine. This technology cuts noise without reducing the sense of picture resolution. For low-resolution images that are not sharp, the FidelityEngine adds emphasis to details, producing clarity.

SOUND FORMATS



DOLBY DIGITAL EX

Dolby Digital EX brings a dimension of depth, spacious ambience and sound localization to home theater environment. The benefits of DD-EX include more realistic fly-over and fly-around effects from an additional rear center 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 maximizes 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/192kHz and 24-bit/96kHz 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 Neo:6

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 Neo:6 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 96kHz/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, this results in a more transparent sound quality equivalent to the original soundtrack and is fully backwards compatible at the same time.



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.



SRS WOW

SRS WOWTM improves the dynamic audio performance of compressed audio, expands the size of the audio image and improves the perception of low frequency sound. These improvements provide the listener with an engaging and powerful representation of the audio performance.



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 theater setup using 8 speakers, ASA will create the largest possible sweet spot in your surround sound field. Boundary Gain Compensation provides an optimized 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.

CI FRIENDLY INSTALLATION



D-Bus

To optimize 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 IR-receiver like tuners or hidden system together with an external IR eye to be controlled via the bypacked Marantz System Remote Controller.



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.



IR-FLASHER

The IR-Flasher In is a standardized 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.



MULTI ROOM / MULTI SOURCE

With the Marantz AV system placed in the main room of the house, a second or even a third loudspeaker 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.



WEAVE

WEAVE is a new multiroom function of dedicated Marantz products which makes it easy to distribute music via the whole house without additional wiring, nor it is a wireless system. WEAVE is standing for Wired Entertainment Accessible Via Electricity. The wiring used in house is the powerline, the technology is known as PLC (power line communication). All sources connected to the main setup can be listen to via the clients in the other rooms of the house as well. And of course they can be also controlled. The sound quality is on CD level.



RS232c

The RS232c 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.

MORE FROM MARANTZ



PREMIUM RANGE CATALOGUE

The latest Premium Range incorporates our passion for quality which has driven the design, development and perfection of all products. Because we understand that immaculate specifications and technical triumphs are nothing unless they unlock and release the power, excitement and emotion of music and movies.

Please visit our website, for your nearest authorized dealer and/or distributor address

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Warranty for Marantz products: Premium Series: 36 months, except video projectors and universal remote controls.

All other models: 24 months.

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