







www.marantz.eu



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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ZC4001

CLIENT

WEAVE 10 w x 2ch

- 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



- 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

WEAVE

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.

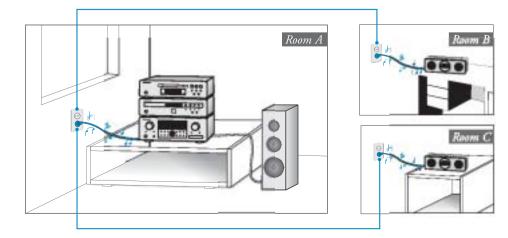
Feeding the Client (ZC4001) is the PLC AV receiver ZR6001. This not only acts as the centrepiece of the main home-entertainment system, but also transmits audio signals to every room in your house - just by being plugged in. There has never been an easier way to fill your house with top quality entertainment.

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.









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
- \bullet 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 ratio1000:1 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

LCD TV'S



Eyes and ears in harmony





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
- HDMI1.1 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
- \bullet 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

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AV RECEIVERS AV RECEIVERS



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
- Interlace-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
- \bullet 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

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• Pre-programmed system remote control

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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





- \bullet 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
- \bullet Dolby Headphone for surround via stereo headphone set
- Bi-directional RS232c port for system integration
- Dedicated remote control and D-Bus

DVD PLAYERS 19



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 RBG 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

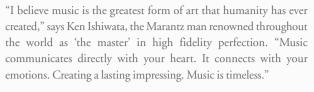


- High quality playback of DVD-V
- Compatible with SVCD, MP3, JPEG and DVD-R/RW
- DivX disc playability
- New 108MHz/12-bit video DAC for finest video signal resolution
- HDMI1.0 for digital video and digital multichannel audio
- Progressive scan technology for stable images
- Multiple video connectivity including scart RBG 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

DVD PLAYERS DVD PLAYERS



When music matters most



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 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.





PM7001KI

INTEGRATED STEREO AMPLIFIER



- KI Signature version of the PM7001
- Purist reproduction from the essence and emotion of music
- 2 x 75 Watts (8 0hm 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

KI-SIGNATURE ORIGINAL SPECIAL EDITION 25







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

AMPLIFIERS SA-CD PLAYER & CD PLAYER 29



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

DI DOLBY) B TYPE NR HX PRO

- 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

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CD CHANGER & DUAL CASSETTE DECK



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
- \bullet 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
- \bullet 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

CD-RECEIVERS 37



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



- 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 PC STORY COLUMN 1250 STEPS MACIO

- 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
- \bullet IR flood via built in multiple sending eyes (on / off switchable)
- 4 flasher outputs with power control
- $\bullet \ \mathsf{Flasher} \ \mathsf{output} \ \mathsf{grouping} \ \mathsf{option}$
- 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

UNIVERSAL REMOTE CONTROLS

UNIVERSAL REMOTE CONTROLS

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| | Today |
|---|--|
| PLC AV Receiver | \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
| | |
| 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 | • A DE |
| Modulation Method Frequency Band | Multi carrier 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 Component In/Out | 5/3 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 Digital Coaxial In/Out | 2/1 2/1 |
| Multi-Room Audio Out | 1 |
| Pre Out / Main In (7.1ch) | •/- |
| Multichannel in Headphone Out | • |
| Tiouaphono out | |
| OTHER | la . |
| 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) | -/• |
| CDECIFICATIONIC | |
| SPECIFICATIONS AUDIO SECTION | |
| Power Output (8/4 Ohm RMS) | 90/- VV |
| Signal to Noise Ratio D/A Converter | 105 dB CS4382 |
| DIA Converter Digital Signal Processor | CS494003 |
| | |
| TUNER SECTION FM | 87.5 - 108.00 MHz |
| Frequency Range 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

| 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

| riddio Chefft | ſ |
|--------------------------------|--------------------|
| | |
| | |
| | |
| FEATURES | |
| ~WEAVE~ Multiroom | |
| PLC Technology | • |
| Modulation Method | Multi carrier |
| Frequency Band | 2MHz - 20MHz |
| SOUND ENHANCEMENTS | |
| SRS WOW | • |
| 3113 77077 | • |
| 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 |
| | |

| | 7000 | |
|--|--|--|
| LCDTV | / .ç ^{ig} v | / .& |
| LCDIV | | |
| | | |
| | | |
| FEATURES | | |
| DVB-T digtal TV tuner MHEG5 support | - | • |
| Analogue TV tuner | • | • |
| Colour Transmission Systems | PAL B/G, D/K, I, SECAM B/G, D/K, L | 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 | 99 |
| Speakers System (fix / detachable) | -/• | -/• |
| PIOTURE PROGESSING | | |
| PICTURE PROCESSING Progressive Scan | • | • |
| Film mode detection | • | • |
| Noise Reduction Color Temperature (standard / warm / cool) | •/2/2 | • •/2/2 |
| Control: (Sharpness / Contrast / Brigthness / | •/2/2 •/•/•/•/• | •/2/2 •/•/•/• |
| Colour / Tint) | | |
| Selectable Aspect Ratio Modes Picture Modes (Standard / Natural / | • •/•/•/• | • •/•/•/• |
| Dynamik / User) | -/-/-/- | 5/5/5/5 |
| PIP (multiple screen / swap / size / position) | ●/●/● | •/•/•/• |
| SOUND PROCESSING | | |
| Sound System: A2 Sterep / Nicam Stereo | •/• | •/• |
| Digital Signal Processing | • | • |
| Bass/Treble Control Sound Equalizer (Standard, Music, Movie, | - (via Equalizer) | - (via Equalizer) |
| News, User) | | |
| Language I-II Selection | • | • |
| Virtual surround AVL (Automatic Volume Level) | SRS WOW | SRS WOW |
| | | |
| 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 | 252 |
| Still picture | • | • |
| Auto Power Off Key Lock | • | • |
| • | | |
| INPUTS/OUTPUTS DVi (HDCP) | | |
| HDMI (HDCP) | 1 | 1 |
| Scart In/out (RGB) | 2 (1 RGB) | 2 (1 RGB) |
| Component In (Y, Cb/Pb, Cr/Pr) S-video In | 1 | 1 |
| Composite | 1 | 1 |
| VGA In | 1 | 1 |
| Audio In VGA (stereo RCA) Antenna In | 1 | 1 |
| CAM (conditional access module) Slot | - | - |
| Card Reader Subwoofer out | - | - |
| Headphone out | - | |
| Audio Out (Constant level) | 1 | 1 |
| Digital Audio Out on DVB (opt. / coax.) RS232 (control / update) | •/• -/• | •/• -/• |
| | <u>'</u> | |
| SPECIFICATIONS | 401 | 0.71 |
| Visible Screen Diagonal Aspect Ratio | 42" 16:9 | 37" 16:9 |
| Viewing angle: Hor. / Ver. | 170 / 170 | 170 / 170 |
| Resolution | 1366 x 768 | 1366 x 768 |
| Pixel pitch Contrast Ratio (Dark Room) | TBA 1.000:1 | TBA 1.000:1 |
| Brightness | 450 cd/m2 | 450 cd/m2 |
| Response time | 8ms | 8ms |
| A-Class panel Output Power (8 Ohm RMS) | 2ch 10W | 2ch 10W |
| Power input voltage | AC100V-240V 50/60Hz | AC100V-240V 50/60Hz |
| GENERAL | | |
| Colour | black | black |
| Remote | • | • |
| Power Consumption (typical) Standby Consumption | 225 W <3 W | 150 W |
| Tablestand included | • | • |
| Wallmount included | 1057 725 115 | - |
| Dimensions (excl. table stand) (W x H x D) Dimensions (incl. table stand) (W x H x D) | 1057 x 725 x 115 mm 1057 x 796 x 350 mm | 939 x 657 x 115 mm 939 x 728 x 350 mm |
| Weight (incl. table stand) | 32,6 kg | 26,6 kg |
| | | |

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TECHNICAL INFORMATION

TECHNICAL INFORMATION

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| /isit our website for more in-depth specifications | / | / | / | / |
|---|--------------------------------|--------------------------------|--------------------------------|---------------------------------------|
| | /@ | / \$\display 1 | / \$\tau_{\text{a}} | / \$\display \tag{\partial}{\partial} |
| AV Receivers | 100 ON | . SR8001 | Tan | Too as |
| TV TREETVEID | | | | |
| MULTICHANNEL SURROUND | | | | |
| ΓHX 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 | 0/0/0 | •/•/• | •/•/•/• | •/•/•/• |
| Circle Surround II | • | • | • | • |
| /irtual Surround / Multichannel Stereo | •/• | •(Dolby VS)/• | ●(Dolby VS)/● | •(Dolby VS)/• |
| HT-EQ / Re-EQ Headphone Surround | -/• Dolby Headphone | -/• Dolby Headphone | -/• Dolby Headphone | •/- Dolby Headphone |
| SOUND ENHANCEMENTS | | | | |
| Current Feedback Topology | • | • | • | • |
| Pure Direct | • /- / | • | • | • |
| Power Transformer: Super Ring/Toroidal/El High Grade Audio Components | -/•/- • | -/•/- • | -/-/• | -/-/• |
| Chassis: (Die-cast / Copper plated / Metal) | -/•/- | -/-/• | -/-/• | -/-/• |
| OTHERS Auto setup by MIC and room accoustic calibration | MRAC advanced | Audyssey MultEQ | Audyssey MultEQ | Audyssey MultEQ |
| asy setup | - | - | - | - |
| Front panel cursor control On Screen Display: main / multiroom | • •/• | •/• | • •/• | •/- |
| On Screen Display: main / multiroom Variable cross over | •/• | 8 | 8 | 8 |
| Lip sync control | • | • | • | • |
| rideo conversion | • (CVBS < > S > Comp) | • (CVBS < > S < > Comp > HDMI) | • (CVBS < > S < > Comp > HDMI) | • (CVBS < > S < > Comp >HDMI) |
| T.B.C time base correction | • | • | • | • |
| HDMI: video switching | • | • | • | • |
| HDMI: up-conversion HDMI: IP conversion | - | | • | • |
| Multiroom zones | 2 | 2 | 1 | 1 |
| Speaker A/B | • | • | • | • |
| Bi-amp drive (5.1 ch setting) / Speaker C Tuner | •/• 2 | •/• 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 |
| S-Video In/Out Component In/Out | 7/3 4/2 | 4/3 4/2 | 4/3 4/2 | 4/2 4/1 |
| HDMI in/out (version x.x) | 2/1 | 4/2(V1.2) | 4/1 (V1.2) | 2/1(V1.2) |
| Multi-Room Video Out: CVBS / S-Video / Component | •/-/- | •/-/• | •/-/- | -/-/- |
| AUDIO | | | | |
| Analogue In/out | 9/3 | 6/4 | 6/4 | 6/4 |
| Digital Optical In/Out | 5/1 | 3/1 | 3/1 | 3/1 |
| Digital Coaxial In/Out IEEE 1394 - Firewire - i-Link | 4/1 | 3/1 | 3/1 | 2/1 |
| Multi-Room Audio Out | 2 | 2 | 1 | 1 |
| Pre Out / Main In (7.1ch) | •/7 | •/- | •/- | •/- |
| Multichannel in | • | • | • | • |
| OTHER | | 1- | 1- | 1- |
| 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 IR Flasher In | 1/4 | 1/2 | -/- 1 | -/- 1 |
| RS232C | • | • | • | • |
| DC Triggers | 4 | 2 | 2 | 1 |
| Front Inputs: Audio / Composite / S-Video / Digital (Opt) -Pod input (direct / docking station) | •/•/•/• -/• | •/•/•/• -/• | •/•/•/• -/• | •/•/• -/• |
| SPECIFICATIONS | | ľ | | |
| AUDIO SECTION | | | | |
| Power Output (8/4 Ohm RMS) | 140/- W | 125/- W | 110/- W | 100/- W |
| Signal to Noise Ratio | 105 dB | 105 dB | 105 dB | 105 dB |
| D/A Converter Digital Signal Processor | CS439X CS49500 (& other) | CS4382A TMS320DA708 | CS4382A TMS320DA708 | CS4382A TMS320DA708 |
| TUNER SECTION FM | | | | |
| Frequency Range Signal to Noise Ratio (mono/stereo) | 87.5 - 108.00 MHz 76 /72 dB | 87.5 - 108.00 MHz 75/70 dB | 87.5 - 108.00 MHz 75/70 dB | 87.5 - 108.00 MHz 75/70 dB |
| /IDEO SECTION | | | | |
| nput level/impedance | 1 Vp-p / 75 ohm |
| Component frequency response | 5 to 100MHz | 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 |
| Pre-programmed / Learnable / Touch Screen | -/•/• 720 W/ | •/•/- 620 \\/ | •/•/- 620 \/\ | •/•/- 620 \/\ |
| Power Consumption Detachable Power Cable | 720 W | 620 W | 620 W | 620 W |
| | | 1 | 1 | _ |
| 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 |

| / | / | / |
|-------------------------------|-------------------------------|-------------------------------|
| | | / = |
| 365001 | 100 Hz | 1.00 No. 2001 |
| | | |
| | | |
| | | |
| -/- | -/- | -/- |
| •/•/• | •/•/• | •/•/• |
| •/•/•/• • | •/•/•/• • | •/•/•/• |
| •/• | •/• | •/• |
| o/- Dolby Headphone | ●/- Dolby Headphone | •/- TruSurround Headphone |
| | | |
| - | • | • |
| -/-/• | -/-/• | -/-/• |
| - -/-/• | - -/-/• | - -/-/• |
| , | | ,, |
| - | - | - |
| • | • | • |
| •/- | •/- | -/- |
| 5 • | 5 | - |
| • (CVBS < > S > Comp) | • (CVBS < S > Comp) | - |
| - | - | - |
| - | - | - |
| - 1 | - | - |
| • | - | - |
| •/• 1 | •/- 1 | -/- 1 |
| •/• | • •/- | - ●/- |
| •/• | -/- | -/- |
| | | |
| 4/2 | 4/2 4/2 | 4/3 2/2 |
| 3/2 | 3/1 | 2/1 |
| 2/1 (1.1) -/-/- | 2/1 (1.1) -/-/- | -/- -/-/- |
| | | |
| 7/3 | 7/3 | 7/4 |
| 3/1 2/1 | 2/1 2/1 | 1/- 2/- |
| - 1 | - | - |
| •/- | - •/- | -/- |
| • | • | • |
| -/• | -/• | -/• |
| - | - | - |
| • | • | • |
| - <i>/</i> - | -/- 1 | -/- - |
| 1 | - | - |
| •/•/•/• | •/•/•/• | -/-/-/- |
| -/• | -/• | -/• |
| | | |
| 90/- W | 80/- W | 70/- W |
| 105 dB CS4382A | 105 dB CS4382A | 105 dB CS42428 |
| CS494003 | CS494003 | CS494003 |
| 07E 100 00 MIL | 07E 100 00 MIL | 075 100 00 144 |
| 87.5 - 108.00 MHz 75/70 dB | 87.5 - 108.00 MHz 75/70 dB | 87.5 - 108.00 MHz 75/70 dB |
| | | |
| 1 Vp-p / 75 ohm | 1 Vp-p / 75 ohm | 1 Vp-p / 75 ohm |
| 5 to 80MHz | 5 to 80MHz | 5 to 80MHz |
| -/-/•/• | -/-/•/• | -/-/•/• |
| • | • | • |
| RC5001SR •/•/- | RC5001SR •/•/- | RC5500SR •/-/- |
| 600 W | 500 W | 300 W |
| 440 x 384 x 160 mm | 440 x 384 x 160 mm | 440 x 384 x 160 mm |
| 12.3kg | 11.4kg | 111.1 kg |



R9600



SR8001



SR7001



SR6001

TECHNICAL INFORMATION

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| DVD | Players |
|-----|---------|
| | |

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| DVD Players | 1 2 | \ \dig \dig \dig \tag{\displaystar} | \ \display \ | |
|--|--|-------------------------------------|--|------------------------------|
| D V D 1 layers | | | | |
| FEATURES | | | | |
| MULTICHANNEL SURROUND | | | | |
| Decoder: DD / DTS / MPEG / DTS96/24 / DVD-A / SACD | •/•/•/•/• | ●/●/-/●/● | ●/●/-/●/● | •/-/•/-/- |
| /irtual surround | • Dalbu Haadabaaa | • | • | • |
| leadphone surround | Dolby Headphone | - | - | - |
| UDIO/VIDEO ENHANCEMENTS | | | | |
| al 60 Conversion | • | • | • | • |
| Progressive Scan: PAL / NTSC Video Scaling on HDMI: 480i / 480p / 576i / 576p / | •/• •/•/•/•/•/• | •/• -/•/-/•/•/• | •/• -/•/-/•/•/• | •/• -/•/-/•/•/- |
| 20p / 1080i / 1080P | - - - - - - | -//-/-/-/-/- | - - - - - - - | -/-/-/-/-/- |
| CD Compatibility: CD / CD-R/RW / HDCD / SA-CD / | •/•/-/•/- | ●/●/-/●/●/● | ●/●/-/●/●/● | ●/●/-/-/●/● |
| VMA / MP3 / DivX /CD Compatibility: VCD / VCD 2.0 / SVCD | •/•/• | •/•/• | •/•/• | •/•/• |
| DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW | 0/0/0/-/- | 0/0/0/0/0 | •/•/•/•/• | •/-/•/•/• |
| video) / DVD+R/RW / DivX | | | 777777 | |
| mage Disc Compatibility: JPEG / Picture CD | •/- | •/• | •/• | •/• |
| IDAM: Standard / SA / Current Feedback | •/-/- -/-/- | •/-/- -/-/- | -/-/- | -/-/- -/-/- |
| IDAM cover: Gold plated / Copper plated / Netal / no shield | -/-/- [•] | -/-/-/• | -/-/- | - <i> - - -</i> |
| Audio exclusive mode | • | • | • | • |
| hisplay On/Off | • | •(AudioEX) | •(AudioEX) | •(AudioEX) |
| Dedicated High Grade Audio Power Supply | • | • -/• | - | - |
| ower Transformer: Toroidal / El ligh Grade Audio Components | -/• • | -/• • | -/- - | -/- - |
| Sustomised Components | • | • | - | - |
| opper Plated Chassis | - | - | - | - |
| ystem block shielding: Copper plated / Metal / none hassis : Die-cast / Copper plated / Metal | -/•/- -/-/• | -/-/• -/-/• | -/-/• -/-/• | -/-/• -/-/• |
| Nouble Layer Bottom Plate | -1-/- | • | • | • |
| | | | | |
| OTHERS | | | | |
| IDMI video adjustments ielectable HDMI output level (normal / expand) | • | • | • | • |
| nalogue Video Adjustment | • | • | • | • |
| Auto Aspect Ratio | • | • | • | • |
| ilmmode detection (Auto1 / Auto2 / Auto3 / Video1 / | •/•/•/•/• | TBA | TBA | TBA |
| /ideo2 / Video3) Selectable Filters for SA-CD | | | | |
| dass-Management (SA-CD/DVD-A) | •/• | - •/• | •/• | - -/- |
| ip sync control | • | - | - | - |
| xternal sync control | - | - | - | - |
| Multi Language OSD Multi Channel Down Mix: MPEG2 / DD / DTS / DVD | • •/•/•/• | • •/•/•/•/• | • • • • • • • | ● ●/●/-/-/- |
| Audio / SA-CD | 3/3/3/3/3 | | -,-,-,- | -/ -/ -/ - |
| RS232C (control / update) | •/• | •/• | •/• | •/• |
| | | | | |
| NPUTS/OUTPUTS /IDEO | | | | |
| 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 |
| HDMI (version x.x) | 1.1 | 1.1 | 1.1 | 1.0 |
| , | | | | |
| AUDIO | | | | |
| icart Inalogue Out (Cinch) | 1 2 | 1 | 1 | 1 |
| Multi channel out (5.1) | • | • | • | - |
| Gold Plated Cinch | • | • | - | - |
| Digital Coaxial Out | 1 | 1 | 1 | 1 |
| vigital Optical Out EEE 1394 - Firewire - i-Link | 1 | 1 | - | - |
| EEE 1394 - FII'eWII'e - I-LINK | • | - | - | - |
| THER | | | | |
|).Bus In/Out | • | • | • | • |
| S232C | • | • | • | • |
| PECIFICATIONS | | | | |
| D/A convertion (video) | 216 MHz/14-bit | 216 MHz/12-bit | 216 MHz/12-bit | 108 MHz/12-bit |
| /A converter (video) | ADV7324 | ADV7320 | ADV7320 | MTK1389HD |
| /A convertion (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 |
| n/A converter (audio) requency response | CS4398 4 Hz - 44 kHz (DVD fs 96kHz) | CS4398 | CS4360+AK4382 4 Hz - 44 kHz (DVD fs 96kHz) | AK4385 |
| requency response (SACD, DVD-A) | 4 Hz - 100 kHz (SACD); | 4 Hz - 100 kHz (SACD); | 4 Hz - 100 kHz (SACD); | - |
| | 4 kHz - 88 kHz (DVD-A) | 4 kHz - 88 kHz (DVD-A) | 4 kHz - 88 kHz (DVD-A) | |
| ignal to Noise Ratio | 130dB | TBA | TBA | 110 dB |
| Dynamic Range: CD / DVD Otal Harmonic Distortion (THD) | 110dB 0,000008 | TBA TBA | TBA TBA | 100 dB 0,003 |
| otal Hamilottic Distortion (TAD) | 0,00000 | TUA | TUA | 0,003 |
| SENERAL | | | | |
| wailable colors: Platinum/Gold/Silver/Black | -/-/•/- | -/-/•/• | -/-/•/• | -/-/•/• |
| Metal Front Panel | • PC0600D\/ | PC001DV | PC001DV | RC001DV |
| Remote Control Power Consumption | RC9600DV 24 W | RC001DV TBA | RC001DV TBA | RC001DV 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 | | 4 kg |

DVD Players

| DVD Players | / 9 |
|---|---------------|
| , | |
| 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 / El | -/- |
| High Grade Audio Components | -7- |
| 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 | • |
| Filmmode 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 | •/•/-/- |
| , tadio , or tob | -/- |
| RS232C (control / update) | ′ |
| INPUTS/OUTPUTS | , |
| INPUTS/OUTPUTS VIDEO | |
| INPUTS/OUTPUTS VIDEO Composite Out | 1 |
| INPUTS/OUTPUTS VIDEO Composite Out S-Video Out | 1 |
| INPUTS/OUTPUTS VIDEO Composite Out S-Video Out Component Out | 1 |
| INPUTS/OUTPUTS VIDEO Composite Out S-Video Out | 1 |



SR5001



SR4001



SR3001

108 MHz/12-bit

192 kHz/24-bit (all channels)

4 Hz - 44 kHz (DVD fs 96kHz)

TBA TBA TBA

-/-/•/-

-TBA

TBA

RC 3001e DV TBA



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DV9600

TECHNICAL INFORMATION TECHNICAL INFORMATION

AUDIO

OTHER D.Bus In/Out RS232C

AUDIO Scart Analogue Out (Cinch) Multi channel out (5.1) Gold Plated Cinch Digital Coaxial Out

SPECIFICATIONS D/A convertion (video)
D/A converter (video)

D/A convertion (audio)
D/A converter (audio)

GENERAL

Weight

Frequency response Frequency response (SACD, DVD-A)

Signal to Noise Ratio Dynamic Range: CD / DVD Total Harmonic Distortion (THD)

Maximum Dimensions (W x D x H)

Remote Control
Power Consumption
Detachable Power Cable

Available colors: Platinum/Gold/Silver/Black
Metal Front Panel

Digital Optical Out IEEE 1394 - Firewire - i-Link

220 W

RC4001PM

System 440 x 364 x 123 mm 11.0 kg

Power Consumption Detachable Power Cable

System Remote Function

Maximum Dimensions (W x D x H)

Remote Control

Visit our website for more in-depth specifications Integrated stereo amplifiers FEATURES Channels Current Feedback Topology Linear Drive Power Supply CCNE Liniear volume control
Floating control bus system
BTL Possibility
BI-AMP and Multichannel option Power Transformer: Super-ring / Toroidal / El Choke input Shottky 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 Symmetric PLB 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 •/•/•/-0/0/0/0 •/•/•/• •/•/-/-Source Direct Speaker A/B Record Selector: full / copy-source Standby Mode INPUTS/OUTPUTS Audio Inputs Phono Input: MM/MC Audio Outputs Balanced In/Out Processor In/Out Pre-out / Main-in D-Bus In/Out CD only Gold Plated Cinch Speaker Terminal: Click-fit / Screw / WBT Floating control bus (3.5mm mono jack x 2) AC Outlets (Not for UK Model) I-Pod input (direct / docking station) SPECIFICATIONS Power Output (8/4 Ohm RMS)
Power Output (8/4 Ohm DIN)
Power Output (8/4 Ohm IHF) 75/120 W 75/120 W 40/55 W 40/55 W 85/130 W 95/160 W 45/60 W 45/60 W 95/160 W 55/80 W 55/80 W Frequency Response 10Hz-80kHz (+0,-1dB) 10Hz-80kHz (+0,-1dB) 10Hz-50kHz (+0,-1dB) Total Harmonic Distortion
Bridged Power Output (8 Ohm RMS) 0.01% 0.01% 0.005% 0.005% Bridged Power Output (8 Ohm RI Damping Factor Input Sensitivity: MM Input Sensitivity: MC Signal to Noise Ratio: MM/MC Input Sensitivity: High level Signal to Noise Ratio: High level 100 2.5mV / 47kOhm 100 2.5mV / 47kOhm 100 2.5 mV / 47 kOhm 100 2.5 mV / 47 kOhm 85/- dB 85/- dB 80/- dB 80/- dB 170mV /20kOhm 104dB 200mV /20kOhm 200mV /20kOhm 170mV /20kOhm 108dB GENERAL Available colors: Platinum/Gold/Silver/Black Metal Front Panel -/-/•/• -/-/•/• -/-/•/• -/-/•/•

220 W

10.5 kg

RC4001PM

440 x 364 x 123 mm

100 W

RC4001PM

440 x 343 x 116 mm

100 W

RC4001PM

440 x 343 x 116 mm

| | 100/25 | 100/15 |
|--|---|---------------------------------------|
| Tuners | / & · | / £ 3 |
| Turicis | | |
| 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 | - (A (D) |
| FM Antenna AM Antenna | 1 | 2 (A/B) 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 | 0,00007 | - |
| (Mono/Stereo) 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 Channel Selectivity (FM) | 20Hz-15kHz (+0.5dB/-1dB) 50 dB ± 400 kHz | 20Hz - 15kHz (+0,5dB/-3dB) 65 dB |
| Usable Sensitivity | IHF 1.1 μV / 12.2 dBf | IHF 1.2 μV / 16.4 dBf |
| Stereo Separation | 1 kHz, 45 dB (Stereo) | 1 kHz, 50 dB (Stereo) |
| | | |
| TUNER SECTION AM | E22 1620 kU- | 152 200 / 521 1002 141 |
| Frequency Range: MW / LW Signal to Noise Ratio: MW / LW | 522 - 1620 kHz 54 / - dB | 152-280 / 531 - 1602 kHz 50 / - dB |
| Distortion | 0,02 | 1%(85 dB m) |
| Channel Selectivity | ± 9 kHz 25 dB | ± 20 kHz 30 dB |
| CENERAL | | |
| GENERAL Available colors: | -/-/•/• | -/-/•/• |
| Platinum/Gold/Silver/Black | 111 | 177 |
| 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 |
| | | |

| | 150 No. 1051 |
|---|-------------------------------|
| Stereo Receiver | / Š |
| AMPLIFIER FEATURES | |
| Current Feedback Topology | - |
| Linear Drive Power Supply CCNE | - |
| Power Transformer: Super-ring / | - -/-/• |
| Toroidal / El | |
| 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) | • -/- |
| 113232C (Control / update) | -7- |
| 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 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 Total Harmonic Distortion | 10Hz - 65 kHz (-3dB) 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 Signal to Noise Ratio | 5 - 30 MHz >60 dB |
| orginal to INOISE HALIO | , 00 UD |
| 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 | l 11.7 kg |
| | |

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TECHNICAL INFORMATION TECHNICAL INFORMATION

| isit our website for more in-depth specifications | / | / | / & | / |
|--|--|-----------------------|--|------------------------|
| | 4 100 15 15 15 15 15 15 15 15 15 15 15 15 15 | /~ | 100 Sep. 100 | / = |
| CD DI | | 1002185 | \ \tilde{\chi_0}{2\tilde{\chi_0}} | |
| CD Players | 4. | \ \(\partial \) | / 0 | (0 |
| • | | | | |
| EATURES | | | | |
| Disc Capacity | 1 | 1 | 1 | 1 |
| CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MF SA-CD compatibility: Multi channel / stereo | P3 •/•/-/- -/• | ●/●/●/-/- -/● | •/•/-/ -/- | •/•/-/ -/- |
| 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 / El | -/•/- | -/-/• | -/-/● | -/-/• |
| 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 ligital circuitry | - | - | | |
| Digital out circuit off | - | - | - | - |
| Display: Dimmer / Off | •/• | •/• | -/• | -/• |
| /ariable Analogue Output Current Feedback headphone circuitry | - | - | - | - |
| ow 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 | • | • | • | • |
| ndex Search | - | - | - | - |
| Peak Search | - | - | • | • |
| Edit Recording Sync Recording | - | - | • | • |
| Pitch Control | - | - | • | • |
| Start Sound Mode for SA-CD | • | • | - | - |
| Quick Replay | • | • | • | • |
| NPUTS/OUTPUTS | | | | |
| Analogue Out (Cinch) | 2ch | 2ch | 2ch | 2ch |
| Balanced Out | - | - | - 1 | - |
| Digital Optical Out Digital Coaxial Out | 1 | 1 | 1 | 1 |
| Gold plated Cinch | • | • | • | • |
| D-Bus In/Out | • | • | • | • |
| RS232C Headphone Out | - | - | - | - |
| Headphone Volume Control | • | • | • | • |
| | | | | |
| SPECIFICATIONS Applications | FG-SA7001 | EC CA7001 | VCC 21200M | KSS-213CCM |
| Mechanism Decoder | FG-SA/001 CXD1885Q | FG-SA7001 CXD1885Q | KSS-213CCM TC9462F | TC9462F |
| D/A Conversion | DSD | DSD | Multi-bit, Delta-Sigma | Multi-bit, Delta-Sigma |
| DAC IC | CS4397 | CS4397 | CS4392 | CS4392 |
| Digital Filter Noise Shaper | CS4397 CS4397 | CS4397 CS4397 | CS4392 CS4392 | CS4392 CS4392 |
| ow Pass Filter stage | HDAM | HDAM | NJM2114 | NJM2068 |
| Output Buffer | HDAM | HDAM | - | - |
| CA CD ALIDIO | | | | |
| GA-CD AUDIO requency Response (Cust.) | 2Hz-50kHz (+0, -3dB) | 2Hz-50kHz (+0, -3dB) | - | - |
| Dynamic Range (SA) | 112dB | 112dB | - | - |
| Signal to Noise Ratio (SA) | 112dB | 112dB | - | - |
| otal Harmonic Distortion (SA) Channel Separation (SA) | 0.0015 108dB | 0.0015 108dB | - | - |
| onamer opporation (SA) | 10000 | 10000 | | |
| CDDA AUDIO | | | | |
| requency Response | 2Hz-20kHz | 2Hz-20kHz | 20Hz- 20 KHz | 20Hz- 20 KHz |
| Dynamic Range Signal to Noise Ratio | < 100dB 111dB | < 100dB 111dB | 100dB 100dB | 100dB 100dB |
| otal 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 Detachable Power Cable | 19 W | 19 W | 12 W | 12 W |
| | 1- | - | | [|
| 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 |

| CD Changer FEATURES Disc Capacity CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP. 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 / El 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 Auto Music Scan (AMS) Repeat: track/program/A-B Random Play Index Search Peak Search Peak Search Edit Recording Sync Recording Pitch Control Start Sound Mode for SA-CD Quick Replay | |
|---|--|
| FEATURES Disc Capacity CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP: 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 / El 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 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 | |
| FEATURES Disc Capacity CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP: 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 / El 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 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 | |
| FEATURES Disc Capacity CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP: 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 / El 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 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 | CD Cl |
| Disc Capacity CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP: 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 / El 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 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 | CD Changer |
| Disc Capacity CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP: 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 / El 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 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 | FEATURES. |
| 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 / El 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 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 | Disc Capacity |
| 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 / El 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 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 | CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP: |
| High Grade Audio Components Customised Components Symetric circuit layout System block shielding: Copper / metal / none Power Transformer: Super-ring / Toroidal / El 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 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 | |
| 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 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 | |
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| 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 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 | |
| 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 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 | |
| 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 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 | |
| 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 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 | |
| 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 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 | |
| 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 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 | |
| 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 Auto Music Scan (AMS) Repeat: track/program/A-B Random Play Index Search Peak Search Peak Search Edit Recording Sync Recording Pitch Control Start Sound Mode for SA-CD | |
| 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 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 | |
| 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 Auto Music Scan (AMS) Repeat: track/program/A-B Random Play Index Search Peak Search Peak Search Edit Recording Sync Recording Pitch Control Start Sound Mode for SA-CD | |
| 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 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 | |
| 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 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 | |
| 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 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 | |
| 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 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 | |
| Current Feedback headphone circuitry Low Noise LCD display Chassis: Die-cast / Copper plated / Metal Double layer bottom plate RS232C (control / update) PLAYBACK Program Play 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 | |
| Low Noise LCD display Chassis: Die-cast / Copper plated / Metal Double layer bottom plate RS232C (control / update) PLAYBACK Program Play 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 | |
| Chassis: Die-cast / Copper plated / Metal Double layer bottom plate RS232C (control / update) PLAYBACK Program Play 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 | |
| Double layer bottom plate RS232C (control / update) PLAYBACK Program Play 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 | |
| PLAYBACK Program Play 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 | |
| Program Play 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 | RS232C (control / update) |
| Program Play 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 | PLAYBACK |
| 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 | |
| Random Play Index Search Peak Search Edit Recording Sync Recording Pitch Control Start Sound Mode for SA-CD | |
| Index Search Peak Search Edit Recording Sync Recording Pitch Control Start Sound Mode for SA-CD | |
| Peak Search Edit Recording Sync Recording Pitch Control Start Sound Mode for SA-CD | |
| Sync Recording Pitch Control Start Sound Mode for SA-CD | |
| Sync Recording Pitch Control Start Sound Mode for SA-CD | Edit Recording |
| Start Sound Mode for SA-CD | Sync Recording |
| | |
| Quick Hopiay | |
| | autor riopidy |

| CD Changer | |
|--|------------------------|
| | |
| FEATURES | - |
| Disc Capacity | 5 |
| CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MF | |
| 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 / El | -/-/• |
| 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 | - 1 |
| 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 | |
| | 32 |
| 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 ALIDIO | |
| SA-CD AUDIO Fraguency Response (Cust.) | |
| Frequency Response (Cust.) | - |
| Dynamic Range (SA) | - |
| Signal to Noise Ratio (SA) Total Harmonic Distortion (SA) | - |
| Channel Separation (SA) | - |
| CDDA ALIDIO | |
| CDDA AUDIO | 20H- 20 KH- |
| Frequency Response | 20Hz- 20 KHz |
| Dynamic Range | 100dB |
| Signal to Noise Ratio | 100dB |
| Total Harmonic Distortion | 0,002 |
| Channel Separation | 110dB |
| | |
| GENERAL | |
| GENERAL | 1110 |
| Available colors: Platinum/Gold/Silver/Black | -/-/- |
| Available colors: Platinum/Gold/Silver/Black Metal Front Panel | • |
| Available colors: Platinum/Gold/Silver/Black Metal Front Panel Remote Control | • RC4001CC |
| Available colors: Platinum/Gold/Silver/Black Metal Front Panel Remote Control Power Consumption | • RC4001CC 19 W |
| Available colors: Platinum/Gold/Silver/Black Metal Front Panel Remote Control Power Consumption Detachable Power Cable | • RC4001CC 19 W |
| GENERAL Available colors: Platinum/Gold/Silver/Black Metal Front Panel Remote Control Power Consumption Detachable Power Cable Maximum Dimensions (W x D x H) Weight | • RC4001CC 19 W |

Systems

| Systems | | |
|---|------------------------------|-------------------------|
| 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 | • | 1/ |
| 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(4Ohm) | 30W(4Ohm) |
| Number of channels | 2 | 2 |
| Freg. 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 | 87.5 - 108 MHz | 87.5 - 108 MHz |
| Signal to Noise Ratio (Mono/Stereo) FM | 66/55dB | 66/55dB |
| Total Harmonic Distortion | 0.4/0.46% | 0.4/0.46% |
| (Mono/Stereo) FM | | |
| 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 |
| OFNEDAL | | |
| GENERAL Available colors | Silver | Silver |
| Available colors Metal Front Panel | Silver | Silver |
| Remote Control | Yes | Yes |
| Power Consumption | 75W | 75W |
| | 7300 | 7500 |
| 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 | 210 x 336 x 146 mm 5.7 kg | |
| VVEITIII | 10 / KO | 5.7 kg |

51

TECHNICAL INFORMATION TECHNICAL INFORMATION

Visit our website for more in-depth specifications

| | / & | / 20 m |
|--|--|---|
| Remote Controls | To the second se | Transfer of the second of the |
| Telliote Collitions | | |
| | | |
| FEATURES | | |
| Display: Colour / BW | •/- | -/• |
| Screen Type: Touch / Display | •/- | •/- |
| Transmission (IR / RF / 2w-IR / | •/•/-/- | •/•/-/- |
| 2w-RF / WiFi) | | |
| Learnable: IR/RF | •/- | •/- |
| Pre-Programmed (Marantz RC-5) | • | • |
| Pre-Programmed (Other brands) | - | - |
| Direct Access Buttons | 18 | 18 |
| Cursor control Programmable Direct Access Buttons | 15 | 15 |
| Transparent graphics | • | • |
| Blending transparency | • | - |
| Device menu | • | • |
| Page menu | • | • |
| Macro programming: Macro area / | -/• | -/• |
| any button | | |
| Device scroll | • | • |
| Page scroll: hard / soft keys | •/• | •/• |
| System area: Fixed / customizable | -/• | -/• |
| Contrast Control: analogue / digital | -/• | -/• |
| Label: Device / page | •/• | •/• •/• |
| Assignable: Device action / Jumps Adjustable font size | • | • |
| Backlight Screen: White / Blue / Green | •/-/- | -/•/- |
| Backlight Hard Buttons: Blue / Green | •/- | •/- |
| File Type (pcf / ncf / other) | •/-/- | •/-/- |
| PC Editing Program | Wizz-it 9 | Wizz-it |
| PC Software Compatibility | Win XP Pro | Win XP Pro |
| Setup Protection | • | • |
| | | -/• |
| PC Connection (Serial / USB) | -/• | |
| Clock / date indication | •/• | •/• |
| Clock / date indication Timer | •/• | •/• - |
| Clock / date indication Timer Motion Sensor | •/• | |
| Clock / date indication Timer Motion Sensor Light Sensor | •/• | •/• - |
| Clock / date indication Timer Motion Sensor | •/• | •/• - |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB | •/• | •/• - |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS | •/• | •/• - • - |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB | •/• | •/• - |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) | •/• • - - - 56x93 mm | •/• - • - - - 56x93 mm |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area | •/• • 56x93 mm | •/• 56x93 mm |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels | •/• • 56x93 mm 1 320x240 64000 | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours | •/• • 56x93 mm 1 320x240 64000 - 16 Mb (48Mb via SW | •/• 56x93 mm 1 320x240 |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size | •/• • | •/• 56x93 mm 1 320x240 - 16 8 Mb |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size SRAM Memory Size | •/• • 56x93 mm 1 320x240 64000 - 16 Mb (48Mb via SW upgrade) 512 Kb | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size IR Operating Distance | •/• • • 56x93 mm 1 320x240 64000 - 16 Mb (48Mb via SW upgrade) 512 Kb 10 m | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size SRAM Memory Size IR Operating Distance IR Angle | •/• • | •/• 56x93 mm 1 320x240 - 16 8 Mb 512 Kb 10 m 160° |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size IR Operating Distance IR Angle IR Carrier frequency | •/• • | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) | •/• • • 56x93 mm 1 320x240 64000 - 16 Mb (48Mb via SW upgrade) 512 Kb 10 m 160° 56 kHz / 455 kHz 30 m | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size SRAM Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) RF Carrier Frequency | •/• • | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) | •/• • • 56x93 mm 1 320x240 64000 - 16 Mb (48Mb via SW upgrade) 512 Kb 10 m 160° 56 kHz / 455 kHz 30 m | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size SRAM Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) RF Carrier Frequency 2w-IR Operating Distance | •/• • | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size SRAM Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) RF Carrier Frequency 2w-IR Operating Distance Number of Commands per Macro Battery Life (normal use) | •/• • | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) RF Carrier Frequency RF Operating Distance Number of Commands per Macro Battery Life (normal use) ACCESSORIES | •/• • | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) RF Carrier Frequency 2w-IR Operating Distance Number of Commands per Macro Battery Life (normal use) ACCESSORIES Recharging Dock Station | •/• • • | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) RF Carrier Frequency 2w-IR Operating Distance Number of Commands per Macro Battery Life (normal use) ACCESSORIES Recharging Dock Station Cable for PC Connection: USB / | •/• • | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) RF Carrier Frequency 2w-IR Operating Distance Number of Commands per Macro Battery Life (normal use) ACCESSORIES Recharging Dock Station Cable for PC Connection: USB / RS232c | •/• • | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) RF Carrier Frequency Ner Operating Distance Number of Commands per Macro Battery Life (normal use) ACCESSORIES Recharging Dock Station Cable for PC Connection: USB / RS232c Rechargeable battery / Normal battery | •/• • | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) RF Carrier Frequency 2w-IR Operating Distance Number of Commands per Macro Battery Life (normal use) ACCESSORIES Recharging Dock Station Cable for PC Connection: USB / RS232c Rechargeable battery / Normal battery Battery type | •/• • | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) RF Carrier Frequency Ner Operating Distance Number of Commands per Macro Battery Life (normal use) ACCESSORIES Recharging Dock Station Cable for PC Connection: USB / RS232c Rechargeable battery / Normal battery | •/• • | •/• |
| Clock / date indication Timer Motion Sensor Light Sensor Universal DB SPECIFICATIONS LCD Screen Size (W x H) Editable Screen Area Resolution Number of Colours Greyscale Levels Flash Memory Size IR Operating Distance IR Angle IR Carrier frequency RF Operating Distance (Open Air) RF Carrier Frequency 2w-IR Operating Distance Number of Commands per Macro Battery Life (normal use) ACCESSORIES Recharging Dock Station Cable for PC Connection: USB / RS232c Rechargeable battery / Normal battery Battery type | •/• • | •/• |

Black metallic

249 a

90 x 153 x 33.5 mn

89 x 149 x 38 mm

Colour

Dimensions (W x H x I)

Weight (With Batteries)

Dual Cassette Deck

| FEATURES | |
|---------------------------------|-----|
| Tape Transports (full logic) | 2 |
| Auto Reverse | • |
| DC Servo Controlled | • |
| Super-hard Permalloy Heads | • |
| Dolby B/C | •/- |
| 2-Speed Synchro Reverse Dubbing | • |
| MPX filter | • |
| Dolby HX Pro | • |
| Automatic Tana Salactor | |

INPUTS/OUTPUTS Line Out

Synchronized CD Recording

Quick Music Search

Timer Record & Play

Auto Continues Pla

Metal Front Pane

Weight

IR receiver built in

Detachable Power Cable

Maximum Dimensions (W x D x H)

| SPECIFICATIONS | |
|--------------------------------|--------------------------------|
| Rewind Time | 110 sec., C-60 cassette |
| | |
| Signal to Noise Ratio (3% THD) | > 74 dB |
| Recording Bias | 100 kHz |
| Frequency Response | 25-18kHz, +/- 3 dB |
| Channel Separation | > 40 dB |
| Wow & Flutter | 0.09% WRMS, +/- 0.1% w.Peak |
| GENERAL | |
| Available colors: | -/-/- |
| Platinum/Gold/Silver/Black | |

16 W

3.9 kg

440 x 286 x 124 mm

Turntable

Available colors: Platinum/Gold/Black/White

| | FEATURES | |
|---|------------------|-----------------|
| 1 | Motor | DC Servo |
| | Drive System | Belt Drive |
| 1 | Bearing | - |
| 1 | Operation | Full Automatic |
| ; | Speed | 33-1/3 & 45 RPM |
| | Stylus (MM / MC) | •/- |
| ; | Stylus version | DN251S |
| Ī | Belt | - |
| | | |
| | INPUTS/OUTPUTS | |

| ine Out | stereo |
|----------------|--------------|
| SPECIFICATIONS | |
| Rated Output | 4mV/1kHz |
| req. Range | 20Hz - 18kHz |
| 5/N | 65dB |
| GENERAL | |
| lever clamp | - |

Maximum Dimensions (W x D x H) 420 x 360 x 137 mm

TECHNICAL GLOSSARY

AUDIO TECHNOLOGY



3-STAGE AMPLIFICATION

The 3-stage amplification concept offers an extremely wide frequency range needed for the high resolution formats like SA-CD and DVD-A. In addition it influences the overall performance in relation to speed and accuracy. The first amplification stage is built into the pre amplifier followed by a voltage amplification and the 3rd and final is the power output stage to guarantee high current output driving speakers more vividly



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



n the power supply section, the choke input topology is adopted to drastically reduce ectifier harmonic noise. This system is especially suitable for a control amplifier in which very small signal amplification occurs.



COPPER COPPER PLATED CHASSIS

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



COPPER SHIELDING

Some section of a player or amplifier might produce high frequency distortion or electro-magnetic radiation. To eliminate this negative effect cousing signal distortion we add in certain products additional copper shielding to protect the sensitive areas or parts, improving the overall sound quality.



CURRENT FEEDBACK

"Current Feedback amplification is a well known, Marantz' original circuit technology. The Current Feedback amplifier technology fits perfectly with the high requirements set for Super Audio software providing wide-bandwidth, high-speed reproduction. set to super Adult software production.

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



CUSTOMIZED COMPONENTS

On paper an electrical component might look excellent but the result may fall short of the combined design expectations. Marantz selects the appropriate components for the combined design application. In some cases it's simply not possible to use standard components that meet the high Marantz standards. These components will then be specially made for Marantz in close cooperation with the Marantz engineers.



DIGITAL AUDIO BROADCASTING (DAB)

DAB is a digital radio system. It offers near CD-quality sound, more stations, additional radio and data services and therefore wider choice of programs, the ease of tuning and interferencefree reception for the listener, plus the information potential of data. graphics and text. DAB is broadcast on terrestrial networks, and you are able to receive it using solely a tiny nondirectional stub antenna.



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



GMR - GIANT MAGNETIC RESISTOR

he Giant Magnetic Resistor is a technology compare able with an optical coupler, makes it possible to separate two section of a product galvanic. The GMR outperforms the optical coupler when it comes to high frequencies. This big benefit is used in this player to separate the digital section from the analogue one and this even on the ground level. No high frequency distortion to the sensitive audio signal; no influence to the power for the audio stages



HYPER DYNAMIC AMPLIFIER MODULES (HDAM)

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



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



LINEAR VOLUME CONTROL

inear volume control offers minimal cross talk with a very precise volume adjustment over a range from 0dB to 100dB with a gang error less than +/- 0.5dB.



MARANTZ ROOM ACOUSTIC CALIBRATION (MRAC)

Based on our room acoustics knowledge and expertise already shown in previous products the Marantz Room Acoustic Calibration (MRAC) was developed. Taking into account reflections from walls, ceiling and floor and our knowledge about psychoacoustics, MRAC optimizes the sound for the room acoustics. With a supplied microphone placed on your listening position, a powerful DSP analyzes accurately and sets the sound configuration for your listening room fully automatically. MRAC can tests and controls speaker configuration, speaker size, trim and distance/delay.



The MRAC advance is the extended and optimized version of the MRAC. The MRAC advance comes along with a 9-band equalizer for an optimized frequency response.



SUPER AUDIO CD

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



SUPER-RING TRANSFORMER

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



SYMMETRIC SYMMETRICAL CIRCUIT LAYOUT To achieve the book page 11.1 To achieve the best possible sonic performance, signal paths need to be short, direct and mirror imaged. The construction of our circuitry provides improved stereo imaging by ensuring close to perfect symmetry between right and left channel layout.



TOROIDAL TRANSFORMER

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



ZERO IMPEDANCE MATCHING JOINT

mproves the signal to noise ratio significantly by adding a copper plated bracket across he output terminals of the player providing the best ground contact possible.

VIDEO TECHNOLOGY

the deleterious side effects.

The DCDi (Directional Correlation De-interlacing) technology by Faroudja improves the video image by using new motion adaptive de-interlacing without introducing motion artifacts and jagged edges. This circuit provides edge and detail enhancement without

This product is equipped with a DVB-T tuner. Digital Video Broadcast -Terrestrial is In this product is equipped with a DVB-1 tuner. Digital video bloadcast-Terlestian is transmission of digital video information through the air. The video signals can be compressed by MPEG1 or MPEG2 codec. Benefits of DVB-T are video quality up to DVD level and audio quality up to CD level. Further nice and useful feature are subtitle and EPG. EPG is the electronic program guide offering full information on the current broadcasting and even for one week in advance not to miss any important movie, sport event or the latest news. In the area where distributed a small antenna is even enough to receive the broadcasting. No need of a satellite dish or a large antenna.



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



HDMI CONVERSION

Video conversion from analogue level to the digital level for output via HDMI offers ease of use and best digital picture quality. The analogue signal will be converted one to one without any further processing. This means interlace analogue signal will be outputted as interlace digital signal - 576i > HDMI 576i. For analogue progressive signal the digital output will be progressive as well 576p > HDMI 576p. Please check compatibility of the TV set or display.



HDMI CONVERSION WITH IP PROCESSING

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



HDTV ready products ensure that they are capable of handling HD (high definition) content with the full resolution. Therefore the requirements are a native resolution of at minimum 720 lines, a 16:9 aspect ratio, component video input with 720p & 1080i (50Hz/60Hz) handling and DVI or HDMI digital input with HDCP (high definition content protection). HDTV ready guarantees full enjoyment of high definition video.

HIGH-DEFINITION MULTIMEDIA INTERFACE (HDMI)

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

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TECHNICAL INFORMATION TECHNICAL GLOSSARY

TECHNICAL GLOSSARY



Lift of 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 synch. Using sound delay (Lip Sync) you can slow the sound presentation to match the presentation of the video.



NOISE SHAPING VIDEO (NSV)

ovides the most accurate video signal representation and enhances the picture uality 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-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



PROGRESSIVE SCAN

Compared to a service of the serv 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



VIDEO CONVERSION It can un convertion 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, filled locking, VCR detection and anti aliasing filtering. Please check capability per product in the



VISUAL EXCELLENCE PROCESSING

Gennum's VXP^{IM} 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 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.

FidelitvEngine

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 HEAD/THONE.

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 IIk is a complete surround sound solution that maximizes the metratimment 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.

OTS ES 96/24 Neo:6

he DTS-ES surround system offers a superh sound quality and a range of formats 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



SRS CIRCLE SURROUND II Gircle Surround II is a surround III

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 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



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

BUS

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 choosen on the receiver



The IR-Flasher In is a standardized connection to control the AV system by external IF receivers independent of the infra red control format used. On the IR-Flasher out a IR-Federivers independent of the Initial red control format used. Of the In-Frisaire dut a Ini-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 with the Malantz-A system lyaced in the malan Confort includes, a second of even 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.

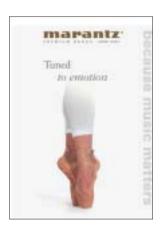


WEAVE WEAVE is a new multiroom function of dedicated Marantz products which makes it easy to distribute music via the whole house without additional wiring, nor it is a wireless system. WEAVE is standing for Wired Entertainment Accessible Via Electricity. The wiring used in house is the powerline, the technology is know 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 RS232 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

WWW.MARANTZ.EU

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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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