

marantz®

DVD Player
DV6600



Also black available

DV6600 Multiformat player

The Marantz DV6600 universal player is a perfect machine fitting to the requirements for an extended home entertainment enjoyment. High quality video is assured by a 216MHz/11-bit DAC and Faroudja video processing technology. Uncompromised high quality video is available via the digital video interface HDMI. Utilizing a video upconversion up to 1080i, via the available HDMI with PAL Progressive Scan provides an unsurpassed picture quality for any HD compatible screen or projector. The DV6600 is compatible with the latest video and audio compression technologies, like DivX, MP3, WMA and JPEG, offering hours of music, movie and picture enjoyment without changing the disc. Audio excellence is guaranteed with a 24-bit/192kHz converter, gold plated line outputs and numerous Marantz specific performance enhancements. Enjoy breathtaking video and high quality audio.

NEW



R A N G E S E R I E S

because music matters

Features

- High quality playback of DVD-V, DVD-A, SACD, SVCD, CD, MP3, JPEG, DVD-R/RW
- DivX playback
- New 216MHz/11-bit video DAC for component out
- PAL progressive scan
- HDMI video output
- High definition video scaling on HDMI
- Audio Ex mode
- 192kHz/24-bit DAC for all 6 channels
- Build in DD and DTS decoders

Benefits

- Ultimate disc compatibility; regardless which disc you put in, this dream machine will play it
- Allows hours of high quality compressed video enjoyment on one disc in your own living room
- Faithful and accurate high quality video performance even on analogue video out
- Offers improved picture resolution and eliminates virtually all motion artifacts
- For a high quality, full bandwidth, uncompressed digital video signal transmission to a HD display or projector
- Providing High Definition images from lower resolution video material
- For the best audio performance without unwanted electrical interference
- Faithful and accurate high quality performance for multichannel playback
- Enjoy the audio excellence of the DV6600 regardless the format played

Technological glossary

Enjoy the fabulous world of music and movies

The DV6600 combines ultimate versatility with high quality video and audio performance. It plays SACD, DVD-Audio, and DVD-Video with Dolby Digital and DTS surround sound in either 2 channel or multi channel formats. It also plays DVD-R/RW and CD-R/RW and is even compatible with MP3, WMA, JPEG and DivX formats. For a picture quality of clarity you never will expect latest video processor technology is built in featuring Faroudja DCDi as well as video scaling up to high resolution 1080i. For the best analogue sound, Marantz optimized the circuitry to get a dynamic and clear sound stage. This innovative DVD player will excite you for years to come.

High grade video performance

The DV6600 incorporates the famous Faroudja video processing DCDi technology for best in class progressive scan video. Faroudja's unique algorithm identifies all the moving edges in a scene and eliminating staircasing or jagged edge artifacts. The result is a smooth and natural looking image. 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. This enables the unit to preserve DVD-Video picture quality for display on all screen sizes from direct-view CRT to projectors. Progressive Scan is provided on both the HDMI as well as on the component output.

High-Definition Multimedia Interface V1.1 (HDMI)

HDMI assures that pristine high-definition images retain the highest video quality from the source all the way to the display. HDMI combines high-definition video and superb audio in a single digital interface with a bandwidth of up to 5 Gigabits/second. HDMI1.1 on the DV6600 complies with High-Bandwidth Digital Content Protection (HDCP) technology protecting high-value content from unauthorized reproduction and distribution. Marantz gives the consumer full digitalized interconnection from source to display and projectors with HDMI on the DVD players, AV Receivers and on our latest generation projectors and flat panel displays. The HDMI1.1 support the transmission of multichannel digital audio signals like AC-3 and DTS. This makes the connection of DVD player - AV-Receiver - display very comfortable and easy.

Video scaling up to 1080i

A video scalar combines the information in the odd and even fields of an incoming video signal into a combined, non-interlaced picture. Taking advantage of the latest electronics technology, the video scalar uses sophisticated, processing algorithms to manipulate the image, changing its resolution, refresh rate, and even aspect ratio, to exactly match the desired output specifications. When using a video scalar, a projector or display device is not forced to crop, distort, or further process the image in order to display it. The video scalar used in the DV6600 allow you to generate an output that exactly matches the native resolution of for example the Marantz HDTV ready DLP projectors or flat panel displays. It produces display-optimized video at a several output resolutions. Performing precision resolution upconversion on 576i (or 480i) DVD's, the DV6600 provides output video quality approaching High Definition (HD). Outputs spanning from 480p, 720p and all the way to 1080i are supported. The scaling is done within the digital domain and therefore exclusive for the HDMI output.

DivX; more then just a technology

DivX Certified DVD players let you easily take digital video from your computer and play it back on your TV at almost the DVD quality. With DivX solutions, the video from your camcorder, digital camera and VCR can be saved at a fraction of the size. Thanks to DivX technology's superior compression, hours of DVD-quality video can be saved on a single CD without complicated cables and connectors. These small videos make it easy to manage a personal video library and share with family and friends. You can also download the latest Hollywood trailers or share among the 2 billion existing DivX videos and play them on your DivX DVD player.

High resolution and multi channel audio formats

SACD is based upon the DSD conversion principle that links excellent specifications like a frequency range of 100 kHz and a dynamic range of 120 dB, to superb sound quality. It adds essential resolution and detail to the multi channel audio setup, necessary for accurate correlation between front and rear channels. This combination of top-end audio performance and Multi-channel sound will give you a sensation that will totally change the way you experience music. DVD-Audio is a format specifically designed to provide the highest possible audio fidelity capable on DVD.

The audio fidelity of DVD-Audio far exceeds the quality of conventional CD's and audio on DVD-Video. It provides ultimate 2ch performance of 24bit/192kHz or 24bit/96kHz in six channel format. Both formats can be enjoyed with the DV6600.

A touch of Marantz

The strength of each Marantz design can be found in the attention to detail and cohesiveness of the different elements. The DV6600 is a clear example of benchmark engineering and craftsmanship and features a number of Marantz sound enhancements. The DV6600 DVD player is built on a solid metal chassis, with a full metal front panel and shock-absorbing feet result in minimized internal vibration and mechanically induced jitter. It incorporates leading edge digital signal processing, along with a Crystal 192 kHz/24 bit D/A converter in each of the channels. This design configuration is capable of a clear and powerful reproduction of the most demanding action movie soundtracks and full range (multi channels) music discs.

High grade components

Every Marantz product is designed with a fine ear and eye for details. The designers have to know the characteristics of every component. On paper the component might look excellent but the result may fall short of the combined design expectations. Therefore Marantz collects vast amounts of information upon specific component performance capabilities. Marantz selects the appropriate components for the specific design application. The sonic result is then critically acclaimed by international reviewers.

Build in multichannel decoders

In order to benefit from the top grade analogue audio performance from the DV6600 we have incorporated DD and DTS multichannel DVD-V audio decoders. Dolby Digital is an advanced form of digital audio coding that makes it possible to store and transmit high-quality digital sound, far more efficiently than was previously possible. Apart from the Dolby Digital information, DVD software can also contain Digital Theater System (DTS) audio information. The compressed digital information offers five fully independent high quality channels, together with a sixth subwoofer channel. DTS offers superb live experience and adds breathtaking effects to film.

Environmental friendly

Every electronic equipment product is built of single electrical components that are made of different material and substances. Marantz assure that the components used in our products are free of any dangerous material or substance to keep our environment clean. We have for example removed hazardous substances like lead in the solder.

Bypacked accessories

- User manual
- Power cable
- Remote control
- Batteries
- AV cable
- D-Bus cable

RC6600DV



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FEATURES

MULTICHANNEL/SURROUND

Built-in decoders: DD / DTS /
MPEG / DTS96/24
Virtual surround: DPL / DPLII /
TruSurround / other
Headphone surround

AUDIO/VIDEO ENHANCEMENTS

Pal 60 Conversion
Progressive Scan: PAL / NTSC
Digital Video Scaling (HDMI
output only): 480p / 576p / 720p /
1080i/1080P
CD Compatibility: CD / CD-R/
RW / HDCD / SA-CD/ WMA /
MP3
VCD Compatibility: VCD / VCD 2.0 /
SVCD
DVD Compatibility: DVD-V /
DVD-A / DVD-R / DVD-RW
(video) / DVD-RW (VR) /
DVD+R/RW
Image Disc Compatibility: JPEG /
Picture CD
HDAM: Standard / SA / Current
Feedback
HDAM cover: Gold plated / Copper
plated / Metal / no shield
Audio ex.
Display On/Off
Dedicated High Grade Audio Power
Supply
Power Transformer: Toroidal / El
High Grade Audio Components
Customised Components
Copper Plated Chassis
System block shielding: Copper
plated / Metal / none
Chassis : Die-cast / Copper plated /
Metal
Double Layer Bottom Plate
Low Noise LCD display

OTHERS

HDMI adjustments
Selectable HDMI output level (normal /
expand)
DVI adjustments
Selectable DVI output level (normal /
expand)
Selectable Filters for SA-CD
Speaker config (SA-CD/DVD-A)
Lip sync control
External sync control
Auto Aspect Ratio
Still Picture
Multi Language OSD
Multi Channel Down Mix:
MPEG2 / DD / DTS / DVD-
Audio / SA-CD
Video Adjustment
Bi-directional control via RS232C

INPUTS/OUTPUTS

VIDEO
Composite Out 1
S-Video Out 1
Component Out 1
Gold Plated Cinch
BNC output: Component / RGBhv /
selectable
Scart (RGB) 1
DVI-D (with HDCP) -
HDMI (with HDCP) 1
AUDIO
Scart 1
Analogue Out (Cinch) 1
Multi channel out (5.1)
Digital Coaxial Out / In 1/-
Digital Optical Out / In 1/-
Digital AES/EBU out -
IEEE 1394 -
Gold Plated Cinch
OTHER
D.Bus In/Out
RS232C

SPECIFICATIONS

D/A conversion (video) 108MHz/12-bit
D/A converter (video) MN2DS0009
D/A conversion 192 kHz/24-bit (all
channels)
D/A converter (audio) PCM1782DBQR
Frequency 4 Hz - 44 kHz (DVD fs
response 96kHz)
Frequency 4 Hz - 100 kHz (SACD); 4
response kHz - 88 kHz (DVD-A)
Signal to Noise Ratio 115dB
Dynamic Range: CD / DVD 98 dB / 100 dB
Total Harmonic Distortion (THD) 0,003%

GENERAL

Available colors: Platinum/Gold/
Silver/Black
Metal Front Panel
Remote Control RC6600DV
Power Consumption 16W
Detachable Power Cable -
Maximum Dimensions
(W x D x H) 440 x 313 x 65mm
Weight 2.5kg

Design and specifications are subject
to change by Marantz without notice.

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