

marantz®

DVDPlayer

DV6500



Also black available

DV6500 Multi format DVD player

Marantz DV6500 is a high-performance multi format DVD player that incorporates advanced digital technologies for extraordinary picture quality. The DV6500 is optimized for true, high-end audiophile performance, for music and movies. Virtually any 12cm disc can be played back including DVD-A, DVD-V, DVD-R/RW, SACD, CD-R/RW discs. It also knows its way with compressed audio discs containing MP3 or WMA files. This innovative DVD player will excite you for years to come.

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, DVD-R/RW, CD, MP3, WMA and JPEG discs
- PAL progressive scan
- 54MHz/10-bit video DAC
- 192kHz/24-bit DAC
- Audio EX mode
- Build in DD and DTS decoders
- Full bass management for all audio formats
- Cursor leaf control on front panel
- Marantz D.Bus

Benefits

- Ultimate disc compatibility; regardless which disc you put in, this multimedia machine will play it
- Offers improved picture resolution and eliminates virtually all motion artifacts
- Real life high grade video performance
- Faithful and accurate high quality performance for multichannel playback
- For the best audio performance
- Enjoy the audio excellence of the DV6500 regardless the format played
- Customize and optimize the sound of your speaker system
- Convenient and easy menu control even without the remote at hand
- Full system control

Technological glossary:

Enjoy the fabulous world of stereo and multi channel audio

To enjoy all of the video and audio materials, the DV6500 plays SACD, DVD-Audio, and DVD-Video with Dolby Digital and DTS surround sound in either 2 channel or multi channel formats. The high grade 54MHz/10-bit video DAC with PAL progressive ensure real life video enjoyment in your home. Extended with the Marantz D-Bus system it easily fits and communicated with your other Marantz equipments creating a full home entertainment system solution.

A true multi format player

The DV6500 provides ultimate versatility with high quality video and audio performance from virtually any 12cm disc. Finally you can enjoy an incredible live-experience in your home as it was in reality. Not only the total ambiance is reproduced, but also the natural 'sound' of the instruments is being preserved. The DV6500 plays among others SACD, DVD-Audio, DVD-Video, Video CD and of course CD DA discs. 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 one of the latest format of high standard audio. It provides ultimate 2ch performance of 24bit/192kHz or 24bit/96kHz in six channel format. The DV6500 will allow its owner to benefit from the full performance of DVD-Audio.

Progressing your video output

The DV6500 uses a top quality 54MHz/10-bit video digital/analog converters for very high-quality picture reproduction. The DV6500 in addition provides progressive scanning for PAL material. Compared to a conventional interlaced picture, progressive scanning creates a picture signal with double the scan lines, resulting in a noticeably sharper image. The progressive image offers higher picture resolution and eliminates virtually all motion artifacts. Even on large screens, the progressive scan lines are barely noticeable and picture flickering is greatly reduced, so you can enjoy extended viewing without eye fatigue. The progressive conversion of the DV6500 is optimized for the high resolution and low noise of the DVD-Video format for PAL software. 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 the component output.

Build in multichannel decoders

"High quality "auditorium" sound in the home, that's what's offered by Dolby Digital! The Dolby Digital or AC-3 audio information, is mixed by the Film studio and is added to the video information as compressed digital information. Cinemas all over the world are supporting the system and the Dolby Digital audio information is added to the DVD-format as standard. The format offers 5 fully independent high quality channels and the sixth channel subwoofer information is provided. 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 life experience and adds breathtaking effects to the film.

Exclusive audio

DV6500 features Audio EX.(clusive) Mode improving sound quality and ensuring that the high resolution formats, like SACD and DVD-Audio, can be enjoyed to their full potential. SACD and DVD Audio Discs are converted via a top quality DSD digital to analogue converter build into the DVD player and outputted via the analog audio outputs. To ensure that the best audio quality is delivered to the amplifier or receiver Marantz has developed the Audio EX. Mode. When activated all circuitries not needed to deliver the audio content are surprised to prevent any signal disturbance. This includes the high frequency noise generating front panel FL and video signal circuitry. Experience the purity and clarity of the analog audio signal as the artist intended.

Supported compression formats

Compressed audio is still becoming more popular every day. Logically if you consider that 10 hours of music easily will fit on a single CD when the music is compressed using MP3 or WMA technology. The Marantz DV6500 is able to playback such encoded discs, giving you many hours of musical pleasure and fine sound quality. DV6500 is equipped with MP3 and WMA digital audio compression and JPEG digital video compression decoders. Since this player supports DVD-R/RW and CD-R/RW formats, it will play DVD-R/RW discs recorded in DVD recorders and other writers, and CD-R/RW discs containing files in MP3, WMA or JPEG format recorded on a PC.

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 DV6500 is a clear example of benchmark engineering and craftsmanship and features a number of Marantz sound enhancements. The DV6500 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.

Customized 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 specifics component performance capabilities. Marantz selects the appropriate components for the specific design application. The sonic result is then critically acclaimed by international reviewers. In other 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 only in co-operation with the Marantz engineers.

Marantz D-Bus system control

To optimize a Marantz system solution in terms of ease of use, Marantz has designed the D.Bus system. Individual Marantz devices equipped with this special bus system inform each other in order to automatically tune to the customers demands. Also received remote control commands are communicated via this bus, throughout the Marantz system solution chain. This enables equipment without IR-receiver, like a cassettedeck or tuner, to be controlled via the receivers system remote control. In combination with an simple external IR receiver, it's even possible to control a fully hidden system.

Bypacked accessories

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

RC6500DV



marantz



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 -/-/-/-
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 ● (Audio ex.)
Dedicated High Grade Audio Power
Supply -
Power Transformer: Toroidal / EI -/-
High Grade Audio Components -
Customised Components ●
Copper Plated Chassis -
System block shielding: Copper
plated / Metal / none -/●/-
Chassis : Die-cast / Copper plated /
Metal -/-/●
Double Layer Bottom Plate -/-/-
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) -
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) 54 MHz/10-bit
D/A converter (video) MN35202
D/A conversion (audio) 192 kHz/24-bit
D/A converter (audio) PCM1755
Frequency 4 Hz - 44 kHz (DVD fs
response 96kHz)
Frequency 4 Hz - 100 kHz (SACD); 4
response Hz - 88 kHz (DVD-A)
Signal to Noise Ratio 115 dB
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 RC6500DV
Power Consumption 16 Watts
Detachable Power Cable -
Maximum Dimensions (W 440 x 211 x
x D x H) 75 mm
Weight 2.2 kg

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

www.marantz.com

marantz®