

marantz®

DVD Player

DV4500



Also black available

DV4500 DVD player

The DV4500 is an exceptional DVD player for the ideal home theater system, bringing DVD movies to life with stunning digital video and surround sound capabilities. The DV4500 not only lets you enjoy DVD Video but is also compatible with CD-R, CD-RW and music playback from a WMA or MP3-encoded disc, which can deliver up to 10 hours of continuous music. The strict hand-selection of parts, for example, allows for the amazing sound and image quality. The Marantz heritage of building only the finest CD & DVD players is evident throughout the DV4500. A dedicated remote control complements the versatility of the DV4500.

NEW



R A N G E S E R I E S

because music matters

Features

- High quality playback of DVD-V, SVCD, DVD-R/RW, CD, MP3, WMA and JPEG discs
- PAL progressive scan
- 54MHz/10-bit video DAC
- 192kHz/24-bit DAC
- Cursor leaf control on front panel
- Solid metal front panel and a rigid metal chassis
- Display off possibility
- Marantz D.Bus

Benefits

- Versatile disc compatibility
- 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
- Convenient and easy menu control even without the remote at hand
- Reduces vibration and provides a more accurate disc reading resulting in optimized sound and picture quality
- Improves the sound quality by eliminating high frequency noise from FL display
- Full system control

Technological glossary:

State-of-the-art featuring at affordable price

Looking for a superb DVD player that can replace your CD player while also looking for technologies that make life more fun? Then the Marantz DV4500 is your choice. The combination of CD-R/RW playback, WMA compatibility, MP3 playback and playback of DVD-Video and Video CD makes this player a versatile playback center for any AV system. Enjoyable video quality is ensured given the high grade 54MHz/10-bit video DAC with PAL progressive scan. Don't worry about the audio quality. Marantz engineers did a fine job in making a musical top product!

Progressing your video output

The DV4500 uses a top quality 54MHz/10-bit video digital/analog converters for very high-quality picture reproduction. The DV4500 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 DV4500 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.

Digital audio on digital out

The DV4500 passes on any digital audio signal from a DVD-V disc regardless the format and without any loss of information. 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.

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 DV4500 is able to playback such encoded discs, giving you many hours of musical pleasure and fine sound quality. DV4500 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.

NTSC Playback on PAL TV sets

Elementary differences between the America NTSC signal and the PAL signal, causes problems for many European vision products. Therefore Marantz is offering full compatibility. The synchronization frequency is altered to European standards, making the picture feasible for PAL TV sets.

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 cassette deck or tuner, to be controlled via the receivers system remote control. In combination with a 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



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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 -/-/-

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 / 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 response -

Signal to Noise Ratio 115 dB

Dynamic Range: CD / DVD 98 dB / 100 dB

Total Harmonic Distortion 0,0045% (THD) (CD)

GENERAL

Available colors: Platinum/Gold/ -/-/•/•

Silver/Black -

Metal Front Panel •

Remote Control RC6500DV

Power Consumption 12 Watts

Detachable Power Cable -

Maximum Dimensions (W x D x H) 440 x 211 x 75 mm

Weight 2.1 kg

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

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