

marantz®

DVD PLAYER

DV4300



Black available

DV4300 Progressive scan DVD player

The DV4300 is an exceptional, versatile DVD player, bringing DVD movies to life with stunning digital video and surround sound capabilities in any home theater system. Furthermore it features Progressive Scan and 3:2 pull down, assuring smooth and accurate image reproduction with vivid colors for both PAL and NTSC source material. The DV4300 not only lets you enjoy DVD Video but is also compatible with CD-R, CD-RW and music playback from a single MP3-encoded CD disc, which delivers up to 10 hours of continuous music. The strict hand-selection of parts, allows an amazing sound and image quality. The Marantz heritage of building only the finest CD & DVD players is evident throughout the DV4300.



R A N G E S E R I E S

because music matters

Features:

- High quality playback of DVD-V, DVD-R, VCD, SVCD, CD, MP3 and JPEG or Kodak Photo CDs
- PAL/NTSC Progressive scan
- MP3 playback
- RGB & Component output
- 24-bit/ 96 kHz DAC
- Slim, compact design

Benefits:

- Wide multimedia disc compatibility; regardless which disc you put in this ultra slim machine, it will play it
- Offers higher picture resolution and eliminates virtually all motion artifacts
- Allows playback of MP3 discs which can contain upto 10 hours of compressed audio
- Ensures the best reproduction of fine color detail with today's high-end monitors and video projectors
- Faithfull and accurate high quality performance, at high resolution with increased dynamic range
- Its stylish and elegant design fits easily in any interior

Technological glossary:

State-of-the-art featuring at affordable price

The Marantz DV4300 combines features like MP3, JPEG and CD-R/-RW playback to an interesting price tag, making it the perfect machine for everybody that wants to be in the front-line of innovation. Its ultra slim design makes it fit in any home theater environment. The DV4300 hosts a full range of performance and convenience features like progressive scan for PAL and NTSC source material. Its component and scart connection possibility make it a true versatile DVD player.

Progressive scan for PAL and NTSC

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 DV4300 is optimized for the high resolution and low noise of the DVD-Video format for both PAL and NTSC 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.

NTSC playback on PAL TV sets

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

MP3 playback

Compressed audio is becoming more popular every day. Logical, if you consider that 10 hours of music easily will fit on a single CD when the music is compressed using MP-3 technology. The Marantz DV4300 is able to playback such encoded discs, giving you many hours of musical pleasure and fine sound quality.

Digital outputs for external (multichannel) decoding

The DV4300 provides playback of any multichannel information available on DVD-Video discs, via an external decoder. Most widely used are of course DD and DTS. 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. First used in movie theaters in 1992, it is the result of decades of research spent by Dolby Laboratories, developing signal-processing systems that exploit the characteristics of human hearing. Dolby Digital provides six channels of crystal clear digital surround sound.

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.

Ease of use

The DV4300 comes with a wide variety of playback function to ensure maximum operational convenience. Its has playback functions such as pause, resume play, slow play, repeat play and program play. The multi language on-screen display of the DV4300 is made very userfriendly and intuitive. The various options are easily changed using the remote control while monitoring the on-screen display.

D.Bus

To optimize equipment in terms of ease of use, Marantz has designed the D.Bus system. Individual devices inform each other in order to automatically tune according the customers demands. Also received remote control commands are communicated via this bus. This flexibility enables equipment without IR-receiver to be controlled via a Marantz remote control.

Bypacked Accessories

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

RC4300DV





DV4300

Preliminary Specifications

FEATURES		INPUTS/OUTPUTS		GENERAL	
MULTICHANNEL/SURROUND		VIDEO		Color	Black / Silver
THX Certification	-	Composite Out	1	Metal Front Panel	-
Built-in Decoder	-	S-Video Out	1	Remote control	RC4300DV
Digital out (DD/DTS/MPEG)	DD / DTS / MPEG	Component Out	1	Power Consumption	14W
Virtual Surround	•	Scart (RGB)	1	Detachable Power Cable	-
AUDIO/VIDEO ENHANCEMENTS		DVi	-	Maximum dimensions (W x H x D)	440 x 54 x 280 mm
Pal 60 Conversion	•	D-Bus In & Out	•	Weight	3 kg
Progressive Scan	NTSC / PAL	Gold Plated cinch	-		
CD Compatibility	CD,CD-R/RW	AUDIO			
VCD Compatibility	VCD 2.0 / SVCD	Scart	1		
DVD Compatibility	DVD-V / DVD-R	Analog Out (Cinch)	1		
Image disc compatibility JPEG, Kodak Photo CD		5.1 Channel Out	-		
MP3 Playback	•	Digital Coaxial Out	1		
HDAM	-	Digital Optical Out	1		
Video On/Off	-	Gold Plated cinch	-		
Display On/Off	-	Headphone out	-		
Dedicated High Grade Audio Power Supply	-				
Power Transformer	-				
High grade audio components	-	Video DAC	27 MHz/10-bit		
Customized Components	-	Audio DAC	96 kHz/24-bit		
Copper Plated Chassis	-	Audio DAC IC	CS4391		
System Blocks Shielding: Metal / Copper	-/	Dig. Audio Freq. Response	4Hz-44kHz (DVD fs:96kHz)		
Double Layer Bottom Plate	-	Signal to Noise Ratio	101 dB		
OTHER		Dynamic Range	100 dB		
Selectable Filters (SACD)	-	Total Harmonic Distortion	0.003%		
Selectable DVi output level (normal / expand)	-				
Auto Aspect Ratio	•				
Still Picture	•				
Multi Language OSD	•				
Multi Channel Down Mix: MPEG2 / DD / DTS / DVD-Audio	•/•/-				
Video Adjustment	-				
RS232c	-				

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