

Technical Specification DVDR 1000

Disc Formats Supported

Disc type	Playback	Recording
DVD+RW	•	•
DVD-R	•	
DVD-Video	•	
Video CD / S-VCD	•	
Audio CD	•	
CD-R	•	
CD-RW	•	

DVD+ReWritable Disc Format

Medium	Phase-Change Rewritable	
Diameter	12cm	
Capacity (single side)	4.7 Gbyte	
Recording time	HQ	60'
	SP	120'
	LP	180'
	EP	240'
		9.72 Mbit/s
		5.07 Mbit/s
		3.38 Mbit/s
		2.54 Mbit/s

TV Standard PAL/SECAM NTSC

Scan Frequency	50Hz	60Hz
Number of lines	625	525
Playback	Multi-standard	
Recording	Multi-standard	
Internal tuner	PAL/SECAM	

Video Format

Digital Compression	MPEG2 for DVD MPEG1 forVCD	
DVD-VIDEO		
DVD+RW (HQ/SP)	50Hz	60Hz
Horizontal Resolution	720 pixels¹	720 pixels¹
Vertical Resolution	576 lines	480 lines
DVD+RW (LP/EP)	50Hz	60Hz
Horiz. Resolution	360 pixels²	360 pixels²
Vertical Resolution	576 lines	480 lines
VCD	50Hz	60Hz
Horiz. Resolution	352 pixels	352 pixels
Vertical Resolution	288 lines	240 lines

Video Performance

DA Converter	10 bit
AD Converter	9 bit
Signal handling	Components
Video Output	1 Vpp into 75 ohm
S-Video Output	Y: 1 Vpp into 75 ohm C:0.300 1 Vpp into 75 ohm
RGB Output	0.7Vpp into 75 ohm

¹ equivalent to 500 lines on your TV

² equivalent to 250 lines on your TV



Audio Format

Recording	MPEG1 16 bit,fs 48 kHz
Playback	MPEG1/2,AC-3,DTS PCM 16, 20, 24 bit fs 48,96 kHz

Audio Performance

DA Converter	24 bit
AD Converter	16 bit
DVD	fs 96 kHz 4 Hz - 44 kHz fs 48 kHz 4 Hz - 22 kHz fs 44.1 kHz 4 Hz - 22 kHz fs 44.1 kHz 4 Hz - 20 kHz
Video CD	
Audio CD	
Signal-Noise (1kHz)	105 dB
Dynamic Range (1kHz)	100 dB
Crosstalk (1kHz)	110 dB
Distortion / Noise (1kHz)	90 dB

Front Connections

iLink DV	IEEE 1394 4-pin
S-Video Input	Hosiden 4-pin*
Video Input	Cinch (yellow)*
Audio Left/Right Input	Cinch (white/red)*
* gold-plated	

Rear Connections

SCART 1	CVBS, S-Video / RGB, Decoder
SCART 2	CVBS, S-Video / RGB
S-Video In	Hosiden 4-pin
S-Video Out	Hosiden 4-pin
Video In	Cinch (yellow)*
Video Out (2x)	Cinch (yellow)*
Audio L/R In (2x)	Cinch (white/red)*
Audio L/R Out (2x)	Cinch (white/red)*
Digital Audio Out	1 coaxial,* 1 optical IEC958 for CDDA / LPCM IEC1937 for MPEG2,AC-3, DTS
RF Antenna In	Coaxial 75 ohms
RFTV Out	Coaxial 75 ohms
Mains	Standard (IEC type)
* gold-plated	

User Interface

OSD Languages	English, French, Spanish, German, Dutch, Italian, Swedish, Portuguese
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Programming

Number of events	6: 1 month Daily/Weekly OTR, Remote PDC,VPS
Programming mode	Manual, ShowView/VideoPlus+, NEXTView Link
Recorder Control and transmitter identification	
Timer programming	



Disc Recording

- Direct Record
- One-Touch Record (OTR)
- Append
- Divide
- Erase
- Automatic/Manual Chapter Marker insertion
- Disc write lock
- Favorite Scene Selection
- Index Picture Screen
- Custom Index Pictures

Disc playback

- Auto Resume
- Play / Stop / Pause
- Fast Forward/Backward (3-speed)
- Step Forward/Backward
- Slow (3-speed)
- Title /Track Select
- Next / Previous Title / Track / Chapter
- Repeat (Chapter /Title / All) or (Track / All)
- A-B Repeat
- Intro Scan
- Perfect Still with digital multi-tap filter
- Zoom (1.33x, 2x, 4x) with picture enhancement
- Pan

General Functionality

- 3D sound (SRS TruSurround)
- Beep Feedback for Remote Control
- Backup Presets & Timer Events: 1 year
- Backup Clock & Calendar: 7 hrs
- Time & Date Download
- Automatic/Manual Audio Recording Level
- Resume (5 discs) after stop/standby

Power Supply

Power Inlet:	200-240V,50/60 Hz	
Power consumption	Operation	49 W
	Low-power standby	3 W

Cabinet

Dimensions (w x h x d)	435 x 110 x 330 mm
Net Weight	8.5 Kg
Front Panel	Aluminium

Remote Control

- Universal remote for control of main TV functions
- Aluminium top
- Hard coated keys
- Dome foil for tactile feedback



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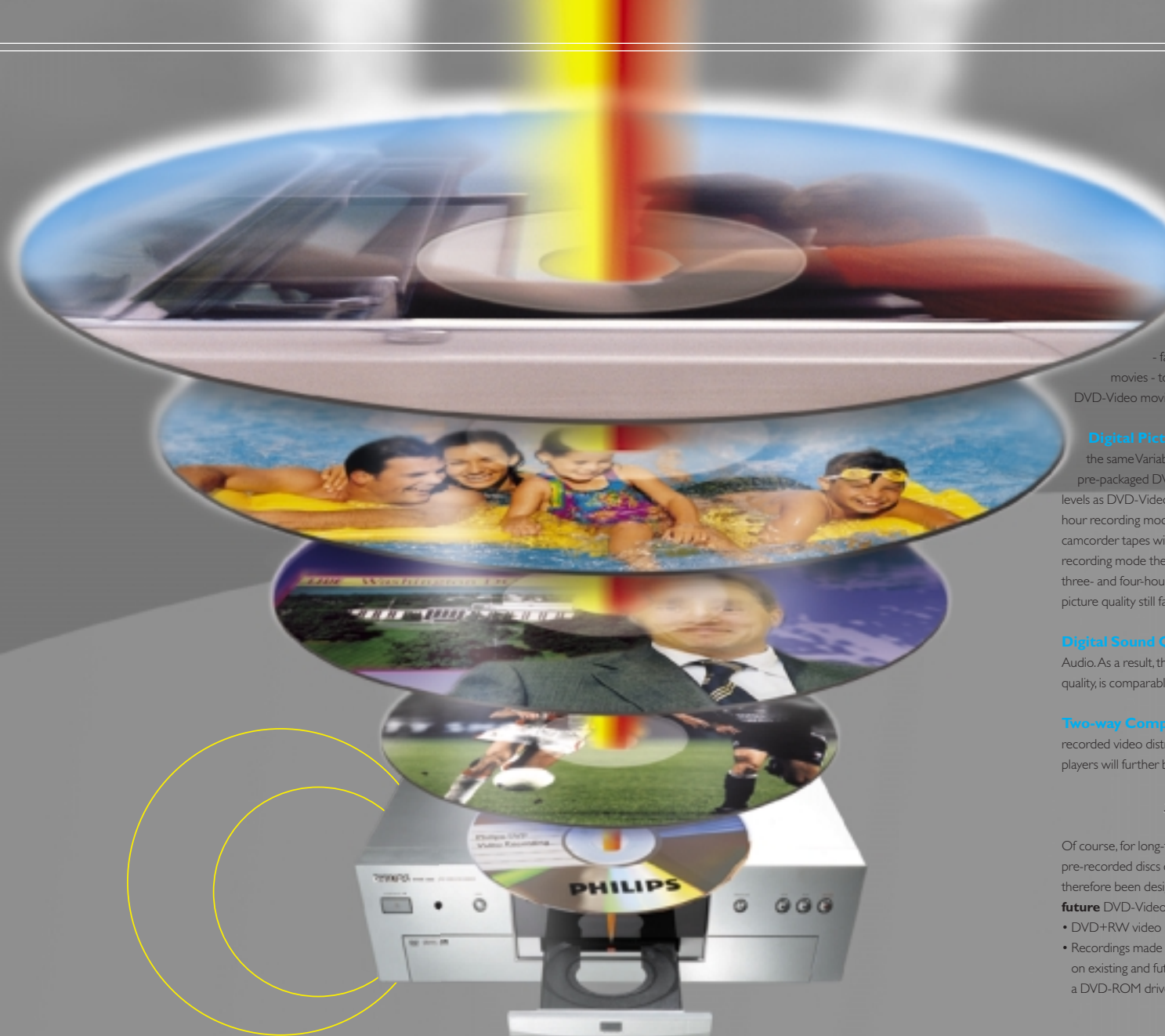
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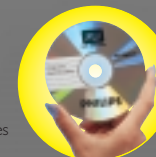
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DVD+ReWritable: Create Your Own DVD

The DVD+RW video recorder allows you to make recordings from various sources - favorite TV programs or your own camcorder movies - to create your own DVD. Of course, it plays back your DVD-Video movies as well.



Digital Picture Quality DVD+RW video recorders make use of the same Variable Bit Rate (VBR) MPEG2 video encoding as used for pre-packaged DVD-Video movies, allowing for the same digital quality levels as DVD-Video discs that people have become familiar with. The one-hour recording mode is perfect to make a digital copy of your digital camcorder tapes without any analogue step in between. In the two-hour recording mode the quality is as good as any pre-recorded DVD while the three- and four-hour modes ensure any TV program will fit onto the disc in a picture quality still far superior to VHS.

Digital Sound Quality Audio is digitally encoded in MPEG Audio. As a result, the sound quality of a recording, like the picture quality, is comparable to that of pre-packaged DVD-Video discs.



Two-way Compatibility DVD-Video is becoming the preferred pre-recorded video distribution format. Adding recording capabilities to DVD players will further boost the appeal of the DVD system.



Of course, for long-term success it is essential that both home-recorded and pre-recorded discs can be played on the same equipment. DVD+RW has therefore been designed to be two-way compatible with **existing and future** DVD-Video and DVD-ROM players:

- DVD+RW video recorders will play DVD-Video discs
- Recordings made with a DVD+RW video recorder can be played on existing and future DVD-Video players as well as on PCs with a DVD-ROM drive



Only DVD+RW technology provides the unique advantage of this two-way compatibility. This is one reason why DVD+RW is a major breakthrough in rewritable DVD technology.

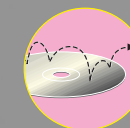


Index Picture Screen View the entire contents of your disc on your TV screen. For each disc, you can see what you have recorded and how much space is available for new recordings. With the push of a button on the remote control you start playing a recording; no winding or rewinding and no need for a visual search!

One Touch Recording You can start recording in an instant. If you are watching a TV program, all you have to do is press the OTR button and DVD+RW starts recording automatically.



Favorite Scene Selection Naturally, the Philips DVD+RW video is not only about recording. It contains convenient editing facilities, too. You can select the scenes you want to see and the DVD+RW recorder will skip the unwanted scenes at your command. The selection you can view on existing DVD players, too.



Camcorder Connection Hooking up your camcorder to the DVD+RW video recorder couldn't be easier. It's ready to transfer your most precious moments captured with your camcorder via digital i-Link data transfer. Your favorite recordings can then be preserved for life - in perfect digital picture and sound quality.



PC Convergence Next to the Philips DVD+RW video recorder DVD+RW PC-drives will be introduced, which will use the same discs as the DVD+RW video recorder. With the recorder you can make video edits and with the right software package on your PC, you can also add video edits, stills, text and sophisticated graphics on your DVD+RW discs. After editing you can play the disc with your own production in both the DVD+RW video recorder and your PC.