

Philips DVD Recorder



- Record from TV in digital quality on ReWritable DVDs
- Copy your favorite camcorder tapes onto DVD for life
- Digital picture and sound quality for the ultimate viewing experience
- Direct access to your recordings, no more winding or rewinding

Picture Quality Features

- **RGB Component Video Input** for the best recording quality from analog sources
- High-Quality mode for camcorder copying and additional modes for up to **4 hours recording**

Convenience Features

- **Favorite Scene Selection** for easy editing of your home movies
- Large display with disc-bar for instant disc content overview
- Universal remote control
- Sound feedback for remote control
- Plays DVD and audio-CD(R/RW)
- Recorded discs play on most DVD-Video players
- Visual overview to instantly find your recordings
- VIDEO Plus+ / ShowView for easy timer programming



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Technical Specification DVDR980



Disc types

	Playback	Recording
DVD+RW	●	●
DVD+R	●	●
DVD-R	●	-
DVD-RW, video mode	●	-
DVD-Video	●	-
Super VCD	●	-
Video CD	●	-
Audio CD	●	-
CD-R	●	-
CD-RW	●	-

DVD+R/RW Disc Format

Capacity	4.7 Gbyte (12cm single-sided)		
Recording time	HQ	60'	9.72 Mbit/s
	SP	120'	5.07 Mbit/s
	LP	180'	3.38 Mbit/s
	EP	240'	2.54 Mbit/s

TV Standard

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

Video Format

Digital Compression	DVD, SVCD: MPEG2	
	VCD: MPEG1	
DVD-VIDEO	50Hz	60Hz
DVD+R/RW (HQ/SP)		
Horiz. Resolution	720 pixels ¹	720 pixels ¹
Vertical Resolution	576 lines	480 lines
DVD+RW (LP/EP)	50Hz	60Hz
Horiz. Resolution	360 pixels ²	360 pixels ²
Vertical Resolution	576 lines	480 lines
VCD	50Hz	60Hz
Horiz. Resolution	352 pixels	352 pixels
Vertical Resolution	288 lines	240 lines

¹ equivalent to 500 lines on your TV

² equivalent to 250 lines on your TV

Video Performance

DA Converter	10 bit, 27 MHz
AD Converter	9 bit
Video (CVBS) output	1Vpp into 75 ohm
S-Video (Y/C) output	Y: 1Vpp into 75 ohm C: 0.300 Vpp into 75 ohm
RGB output	0.7 Vpp into 75 ohm

Audio Format Playback Recording

Compressed digital		
• Dolby Digital (AC-3)	5.1-channel	2-channel
• DTS, MPEG2	5.1-channel	16-bit, 48 kHz
• MPEG1	2-channel	-
SPDIF		
• PCM	2-channel	-
	16/20/24 bit	
	48/96 kHz	

Audio Performance

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

Front Connections

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

On-screen display

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

Number of events	6; 1 month; Daily/Weekly
Programming mode	OTR, Remote
Record control and transmitter identification	PDC, VPS
Autom. Sat. Recording	From SCART: 1/2
Timer programming	Manual, ShowView/VIDEO Plus+, nexTVIEW Link

General Functionality

• 3D sound (SRS TruSurround)	
• Beep Feedback for Remote Control	
• Dim display (3 levels of brightness)	
• Automatic Screen Saver	
• Backup presets & timer:	1 year
• Backup clock:	7 hrs
• Auto clock set	PDC, Text (Time/Date)
• Audio Recording Level	Automatic, Manual
• TV-Related Functions	16:9 (pin 8), Follow TV, Direct Record
Digital Bus Functions:	Cinema Link (pin 10)

Recording functions

- Safe Record
- Direct Record
- One-Touch Record (OTR)
- Station ID and Program Name recording
- Append
- Divide
- Erase
- Automatic/Manual Chapter Marker insertion
- Disc write protection
- Favorite Scene Selection
- Index Picture Screen for instant content overview
- Selectable Index Pictures

Disc playback

- Fast Forward/Backward (3 speeds)
- Step Forward/Backward
- Slow (3 speeds)
- Direct Title / Track access
- Next / Previous Title / Track / Chapter
- Repeat (Chapter / Title / All) or (Track / All)
- A-B Repeat
- Intro Scan
- Time Search
- Zoom (1.33x, 2x, 4x) with picture enhancement
- Auto Resume (20 discs)

Power Supply

Power Inlet:	200-240V, 50/60 Hz	
Power consumption	Operation	40W
	Low-power standby	3W

Cabinet

Dimensions (W x H x D)	435 x 107 x 330 mm
Net Weight	5.5 kg

Remote Control

- Universal remote for control of main TV functions

Package Contents

- DVD Recorder
- Universal Remote Control RC2056 + batteries
- Directions for use
- DVD+RW disc
- AC power cable
- full SCART cable
- Audio cable*
- Video cable*
- S-Video cable*
- Coax RF antenna cable
- * gold-plated

Directions for use

version	/001	/021	/051
Languages	English German French Spanish Italian Dutch	English German Swedish Danish Norwegian Finnish	English

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