

## Technical Specification DVDR985



### 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	SP
	60'	9.72 Mbit/s
	120'	5.07 Mbit/s
	180'	3.38 Mbit/s
	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)	720 pixels <sup>1</sup>	720 pixels <sup>1</sup>
Vertical Resolution	576 lines	480 lines
DVD+RW (LP/EP)	50Hz	60Hz
Horizontal Resolution	360 pixels <sup>2</sup>	360 pixels <sup>2</sup>
Vertical Resolution	576 lines	480 lines
VCD	50Hz	60Hz
Horizontal Resolution	352 pixels	352 pixels
Vertical Resolution	288 lines	240 lines

<sup>1</sup> equivalent to 500 lines on your TV

<sup>2</sup> equivalent to 250 lines on your TV

### Video Performance

DA Converter	10 bit, 27 MHz
AD Converter	9 bit
Video output	1Vpp into 75 ohm
S-Video 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	Playback	Recording
• Dolby Digital (AC-3)	5.1-channel	2-channel
• DTS, MPEG2	5.1-channel	-
• 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 <sub>s</sub> 96 kHz 4 Hz - 44 kHz f <sub>s</sub> 48 kHz 4 Hz - 22 kHz
Video CD	f <sub>s</sub> 44.1 kHz 4 Hz - 20 kHz
Audio CD	f <sub>s</sub> 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

i.LINK DV Input	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
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
RF TV 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+, nexTVView 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:	Easy 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	English	English
	German	German	
	French	Swedish	
	Spanish	Danish	
	Italian	Norwegian	
	Dutch	Finnish	

# 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

- **Digital connection (i.LINK)** for high-quality copying from digital camcorders
- **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



Let's make things better.



PHILIPS

Let's make things better.



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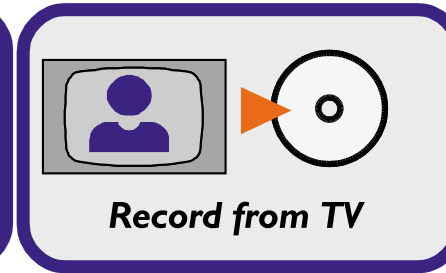
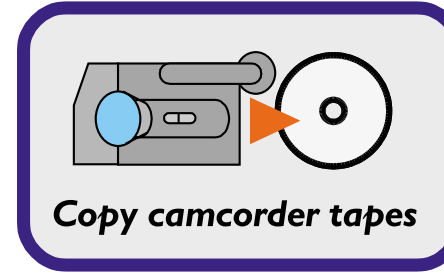
# Philips DVD Recorder – the best choice!

Only DVD+RW Recorders are based entirely on the established world-wide DVDVideo standard: No new standard was invented – just the existing standard made recordable. Recordings made on rewritable discs – the most commonly used disk type popular format – are created in real DVDVideo format so they instantly play in most DVDVideo players. Thanks to a combination of advanced technologies, they deliver outstanding digital picture and sound quality and are easy to use.

Only DVD+RW Recorders:

1. Always make compatible\* rewritable DVD discs
2. Have just one mode of operation: always offering all features while at the same time always compatible
3. Always put a helpful visual overview of the recordings on the disc this 'Index Picture Screen' shows an easy to recognize image of every recording and provides easy navigation and instant access, not only when playing the disc on the recorder but also when playing the disc in a DVD Player
4. Record on rewritable discs that can play in other DVD Players without finalising
5. Give the consumer convenience and ease of use to create picture perfect recordings – no expertise needed!

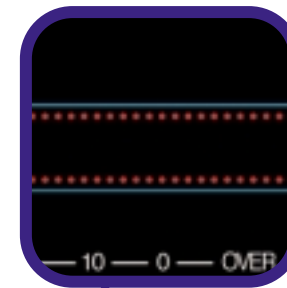
\* DVD+RW discs are fully compatible with most existing DVD players



**Monitor Mode**  
The monitor button on the front panel gives you direct access to the monitor mode, in which you can see the input signal in the way it will be recorded – instantly encoded and decoded again.

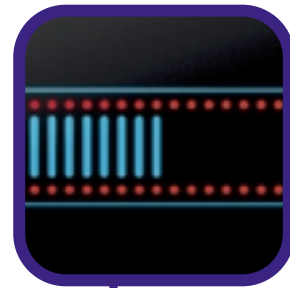


**Universal remote**  
The DVDR985 comes with a 48-key remote control that gives direct access to the most used DVD functions. As a universal remote, it can control TV sets of hundreds of brands.



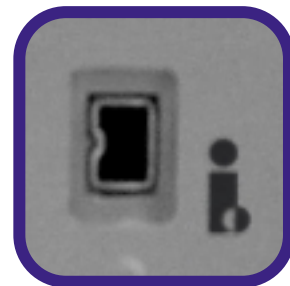
**VU meters**  
When manual record volume control is selected, the display will automatically show VU meters to adjust the volume correctly.

**Favorite Scene Selection**  
The DVDR985 features FSS which lets you select only the scenes you want to see, and skip any unwanted scenes. You can view the selection on existing DVD players, too – easy, single-disc, single-device editing.



**Disc bar**  
The display of the DVD recorder contains a special section of over 120 segments to give an accurate representation of the disc contents, the play/recording position and mode.

**One-Touch Record**  
Simply pressing the REC/OTR key will start a recording. The end time of the recording can be conveniently set by pressing the OTR key more times. If 'Direct Record' is activated, the DVDVideo Recorder will automatically look up the channel to which the TV set is tuned and record from the same channel.



**i.LINK DV**  
With i.LINK, you can connect DV and Digital 8 camcorders to the DVD recorder and digitally transfer home-made movies to DVD in the best possible way, preserving the quality for life. i.LINK is convenient, too, since all audio and video signals are carried via a single cable.



**Rec volume control**  
The DVDR985 offers a choice of automatic and manual recording audio volume control.