

Digital Picture and Sound Quality

Best Picture

- **Digital picture and sound:** For the ultimate viewing experience
- **Record from TV in digital quality on DVD**
- **Copy your favorite video tapes for life**
- **Progressive Scan output:** For razor-sharp pictures
- **Component Video Inputs:** For the best digital recording quality
- **Virtual Time Base Corrector:** For better-than-original copies of old video tapes
- **Motion-compensated Noise Filter**

Best Sound

- **2-channel Dolby Digital encoder:** For perfect recording of stereo and Dolby Pro Logic audio
- **24-bit digital-to-analog conversion:** For top quality sound

Great Convenience

- **Recorded discs play on DVD players**
- **Up to 6 hours video recording:** Per side
- **Index Picture Screen:** For visual Table Of Contents
- **Favorite Scene Selection:** For easy editing of your home movies
- **Plays DVD, CD and MP3 discs**
- **Direct access to your recordings:** No more winding or rewinding
- **VCR Plus+:** For easy timer programming



DVD Recorder



Standard product information

Disc types

	Playback	Recording
DVD+RW	•	•
DVD+R	•	•
DVD-R	•	—
DVD-RW, video mode	•	—
DVD-Video	•	—
Super VCD	•	—
Video CD	•	—
Audio CD	•	—
MP3 CD	•	—
CD-R	•	—
CD-RW	•	—

Video Format

Digital compression		DVD, SVCD: VCD:	MPEG2 MPEG1
Mode	Rec.	Resolution	Bit rate
	time		Video (Mbit/s) Audio (kbit/s)
1h	60'	D1	9.72 384
2h	120'	D1	5.07 256
2.5h	150'	D1	4.06 256
3h	180'	– D1	3.38 256
4h	240'	– D1	2.54 256
6h	360'	– D1	1.70 256

Resolution H x V (pixels)	60Hz
Full D1 (DVD-Video)	720 ¹ x 480
Half D1	360 ² x 480
SIF (VCD)	352 x 240
¹ equivalent to 500 analog TV lines	
² equivalent to 250 analog TV lines	

TV Standard

	NTSC	PAL/SECAM
Scan frequency	60Hz	50Hz
Number of lines	525	625
Playback	•	•
Recording	•	•
Internal tuner	•	—

Video Performance

DA Converter	10 bit
AD Converter	9 bit
Signal handling	Components
Video (CVBS) out	1 V _{pp} into 75 ohm
S-video (Y/C) out	Y: 1 V _{pp} into 75 ohm C: 0.286 1V _{pp} into 75 ohm
Component/Progressive video out (YPbPr)	Y: 1 V _{pp} into 75 ohm PB: 0.7 V _{pp} into 75 ohm PR: 0.7 V _{pp} into 75 ohm

Audio Format

	Playback	Recording
Compressed digital		
• Dolby Digital (AC-3)	5.1-channel	2-channel 16-bit, 48 kHz
• DTS, MPEG2	5.1-channel	—
• MPEG1, MP3	2-channel	—

SPDIF

• PCM	2-channel	—
	16/20/24 bit	
	48/96 kHz	

*6.1-channel compatible

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
Video CD	fS 44.1 kHz 4 Hz - 20 kHz
Audio CD	fS 44.1 kHz 4 Hz - 20 kHz
Signal / Noise (1kHz)	95 dB
Dynamic range (1kHz)	85dB
Crosstalk (1kHz)	95 dB
Distortion / Noise (1kHz)	85 dB

Front Connections

S-video in	Hosiden 4-pin
Video in	Cinch (yellow)
Audio Left/Right in	Cinch (white/red)

Rear Connections

Component video in	Cinch (green/blue/red)
Progressive Scan/	
Component video out	Cinch (green/blue/red)
S-video in	Hosiden 4-pin
S-video out	Hosiden 4-pin
Video in	Cinch (yellow)
Video out	Cinch (yellow)
Audio L/R in (2x)	Cinch (white/red)
Audio L/R out (2x)	Cinch (white/red)
Digital audio out	Coaxial
RF antenna in	Coaxial 75 ohms (F type)
RF TV out	Coaxial 75 ohms (F type)
Mains	Standard (IEC type)

User Interface

OSD languages	English, French, Spanish
---------------	--------------------------

Timer Recording

Number of events	6; 1 year; daily/weekly
Timer programming	Manual, VCR Plus+

General Functionality

- 3D sound
- Automatic Screen Saver
- Backup Presets & Timer Events: 1 year
- Backup Clock & Calendar: 5 hrs
- Time & Date Download
- Automatic Audio Recording Level Control

Recording functions

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

DVD/CD 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
- Shuffle
- Intro Scan
- Time Search
- Zoom (1.33x, 2x, 4x) with picture enhancement
- Auto Resume (20 discs)

Power Supply

Mains:	polarised (IEC)
Power supply:	90..140 VAC (120 V nom)
	50/60 Hz
Power consumption	Operation 28 W
	Low-power standby 3 W

Cabinet

Dimensions (W x H x D)	17.12 x 2.99 x 13.1 inches
Net Weight	8.59 Lb

Remote Control

- 37-key remote control RC25115

Package Contents

- DVD Recorder
- Remote Control + batteries
- User Manual in English
- DVD+RW disc
- AC power cable
- Stereo audio cable
- Video cable
- Coax RF antenna cable

Philips Consumer Electronics

Data subject to change without notice
600669

Printed in U.S.A.

2002 © Koninklijke Philips Electronics N.V.

All rights reserved

www.philips.com or AOL keyword: Philips

VCR Plus+ is a trademark of Gemstar Development Corp.
Dolby Digital and the double-D symbol are trademarks of Dolby Laboratories Licensing, Inc. – DTS is a trademark of Digital Theater Systems, Inc.

