



Ultimate DVD Recording with Point & Click Programming.

Best Picture

- **Faroudja Progressive Scan output:** For razor-sharp pictures
- **Real-time MPEG2 Variable Bit-Rate video encoder:**
For artifact-free DVD recording
- **i.LINK digital connection:** For perfect copies of home videos
- **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

- **Guide Plus+® on-screen TV Program Guide:** For the ultimate timer programming
- **On-screen Gemstar TV Guide:** For the ultimate timer programming
- **Recorded discs play on DVD players**
- **Up to 8 hours video recording:** Per side
- **Index Picture Screen:** For visual Table Of Contents
- **Favorite Scene Selection:** For easy editing of your home movies
- **Disc Manager:** For instant overview of all your discs
- **Sat Mouse included:** To control your Set Top Box



Guide Plus+® listings screen



PHILIPS

DVD Recorder



Standard product information

Disc types

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

Video Format

Digital compression	DVD, SVCD: MPEG2
VCD:	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'	1/2 D1	3.38 256
4h	240'	1/2 D1	2.54 256
6h	360'	1/2 D1	1.70 256
8h	480'	SIF	1.27 128

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, 48kHz
• 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
Signal / Noise (1kHz)	95 dB
Dynamic range (1kHz)	85 dB
Crosstalk (1kHz)	95 dB
Distortion / Noise (1kHz)	85 dB

Front Connections

i.LINK DV in	IEEE 1394 4-pin
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, optical
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
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Electronic Program Guide

EPG	GUIDE Plus+
Number of events	6; 1 year; daily/weekly
Timer programming	EPG/Manual
Set Top Box control	Sat Mouse (Infra Red Blaster)

Disc Manager

- Stores library of at least 1000 DVD+RW/+R titles
- Ordering alphabetical, chronological or by disc
- Finding of titles and empty spaces

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 V _{AC} (120 V nom) 50/60 Hz

Power consumption	Operation 31 W
	Low-power 7 W
	standby

Cabinet

Dimensions (W x H x D)	435 x 76 x 335mm
Net Weight	4.0 kg
UPC	0 3784993380 0

Remote Control

- 46-key remote control

Package Contents

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

Philips Consumer Electronics

Data subject to change without notice
600669

Printed in U.S.A.

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