



Record electronic pictures and camcorder tapes on DVD and play them on TV.

Best Picture

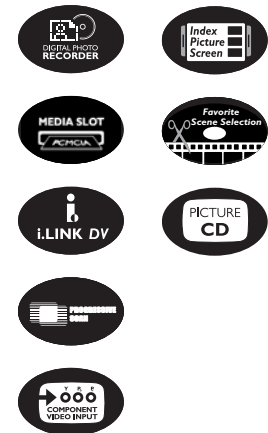
- **i.LINK digital connection:** For perfect recording from digital camcorders
- **Progressive Scan output:** For razor-sharp picture output
- **Component Video Inputs:** For the best analog recording input

Best Sound

- **2-channel Dolby Digital audio recording:** For digital quality stereo sound
- **24-bit digital-to-analog conversion:** For top quality sound

Great Convenience

- **Over 3600 pictures on DVD!**
- **PCMCIA media slot:** For your memory card
- **Fast transfer from memory card to DVD:** No cables, no software installation
- **Up to 6 hours video recording**
- **Index Picture Screen:** For visual Table Of Contents
- **Favorite Scene Selection:** For easy editing of your home movies
- **Multibrand Remote**
- **Fit to space**
- **Digital Photo and music manager:** For simple user interface



DVD Video Picture Recorder



Standard product information

Disc types

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

Video Format

Mode	Rec.	Resolution	Bit rate (bit/s)
Digital compression	DVD, SVCD:	MPEG2	
	VCD:	MPEG1	

Mode	Rec.	Resolution	Video (Mbit/s)	Audio (kbit/s)
M1	60'	D1	9.72M	384k
M2	120'	D1	5.07M	256k
M2.5	150'	D1	4.06M	256k
M3	180'	- D1	3.38M	256k
M4	240'	- D1	2.54M	256k
M6	360'	- D1	1.70M	256k

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	—

*6.1-channel compatible

SPDIF

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

Memory card slot: PCMCIA type II
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

Electronic Program Guide

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

Digital Photo Manager

- PCMCIA slot compatible with Memory Stick, Compact Flash, SD card, Smart Media, Micro Drive
- Recording on DVD+RW/+R
- Up to 3,600 pictures per DVD
- Two-way transfer between memory card and DVD
- Picture formats supported: EXIF-compliant JPEG
- Slide show
- Zoom (2 x, 4x, 6x)
- Rotate

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 V _{AC} (120 V nom) 50/60 Hz
Power consumption	Operation 31 W
	Low-power standby 7 W

Cabinet

Dimensions (W x H x D): 17.12 x 2.55 x 13.18 inches
Net Weight: 8.81 LB

Remote Control

- 46-key remote control

Package Contents

- DVD Video Recorder
- Remote Control + batteries
- 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

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