

The ultimate solution to program your DVD

Best Picture

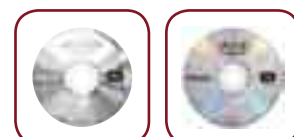
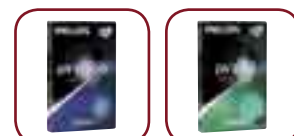
- **Real-time MPEG2 Variable Bit-Rate video encoder** for artifact-free DVD recording
- **i.LINK digital connection** for perfect copies of camcorder tapes
- **RGB Component Video Input** for the best digital recording quality
- **Component Video Outputs** – the best possible and most flexible analog video connection

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
- **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 satellite receiver**



GUIDE Plus+ listings screen

GUIDEplus+
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DVD Recorder



Technical Specification DVDR80

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/-RW	•	-

Video Format

Video Format

Digital compression	DVD, SVCD:	MPEG2		
	VCD:	MPEG1		
Mode	Rec. time	Resolution	Bit rate	
			Video (Mbps/s)	Audio (kbits/s)
1h	60'	D1	9.72	384
2h	120'	D1	5.07	256
2.5h	150'	D1	4.06	256
3h	180'	½D1	3.38	256
4h	240'	½D1	2.54	256
6h	360'	½D1	1.70	256
8h	480'	SIF	1.27	192

Resolution H x V (pixels)	50Hz	60Hz
Full D1 (DVD-Video)	720'x576	720'x480
Half D1	360'x576	360'x480
SIF (VCD)	352x288	352x240

¹ equivalent to 500 analog TV lines

² equivalent to 250 analog TV lines

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

Video Performance

DA Converter 10 bit, 27 MHz
AD Converter 9 bit
Video (CVBS) out $1V_{pp}$ into 75 ohm
S-video (Y/C) out $Y: 1V_{pp}$ into 75 ohm
 $C: 0.3V_{pp}$ into 75 ohm

$Y_{PB}P_R$ component video out

$Y: 1V_{pp}$ into 75 ohm
 $P_B: 0.7V_{pp}$ into 75 ohm
 $P_R: 0.7V_{pp}$ into 75 ohm

RGB component video out

$0.7V_{pp}$ into 75 ohm

Audio Format

Compresses digital	Playback	Recording
Dolby Digital (AC-3)	5.1-channel ¹	2-channel 16-bit, 48 kHz
DTS, MPEG2	5.1-channel ¹	-
MPEG1, MP3	2-channel	-
SPDIF		
PCM	2-channel 16/20/24 bit 48/96 kHz	-

¹ 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

SCART 1 CVBS, S-Video/RGB out
SCART 2 CVBS, S-Video/RGB in, decoder
Component video out Cinch (green/blue/red)
S-video out Hosiden 4-pin
Video out Cinch (yellow)
Audio left/right out Cinch (white/red)
Digital audio out Coaxial, optical
RF antenna in Coaxial 75 ohm (IEC type)
RF TV out Coaxial 75 ohm (IEC type)
Mains Standard (IEC type)

Electronic Program Guide

EPG GUIDE Plus+
Number of timer events >15; 1 year; daily/weekly
Record control VPS, PDC
Autom. Sat. Recording On SCART 2
Set Top Box control Sat Mouse
(Infra Red Blaster)
Timer programming Manual, GUIDE Plus+, NextView Link

Disc Manager

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

General functionality

3D sound
Automatic Screen Saver
Backup presets & timer: 1 year
Backup clock & calendar: 5 hrs
Auto clock set PDC, Teletext (Time/Date)
Automatic
Audio Recording Level 16:9 (pin 8), Follow TV,
TV-related functions 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

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)

MP3 CD playback

- Time display (Track)
- MP3 text (ID3 tags) display
- Album and track selection
- Repeat (disc/album/ track)
- Variable Bit Rate of 32-256 kbit/s
- 32, 44.1, 48 kHz sampling rates
- ISO9660 file system
- Nested directories supported to 8 levels
- Up to 32 album numbers
- Up to 999 tracks

On-Screen Display

Languages: English, French, German, Dutch, Spanish, Portuguese, Italian, Swedish, Danish, Norwegian, Finnish

Power Supply

Power Inlet	200-240 V, 50/60 Hz
Power consumption	Operation 31 W Low-power standby 3 W

Cabinet

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

Package Contents

- DVD Recorder
- 46-key remote control
- Batteries
- Sat Mouse
- Directions for use
- DVD+RW disc
- AC power cable
- Full SCART cable
- Video cable
- Audio cable
- Coax digital audio cable
- Coax RF antenna cable

Directions for Use

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

