

Record digital pictures and camcorder tapes on DVD and play them on TV

Best Picture

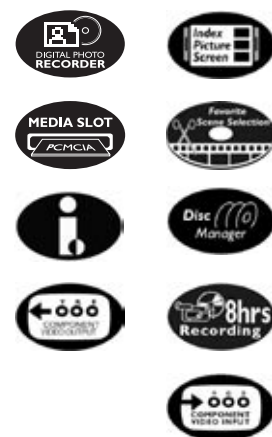
- **i.LINK digital connection** for perfect copies of camcorder tapes
- **Progressive Scan output** for razor-sharp pictures
- **RGB Component Video Input** for the best digital recording quality

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

- **Over 3600 pictures on DVD!**
- **Fast transfer from memory card to DVD;**
no cables, no software installation
- **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
- **Plays Picture CDs & DVDs**



PHILIPS

DVD Recorder



Technical Specification DVDR77

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

Digital compression DVD, SVCD: MPEG2
VCD: MPEG1

Mode	Rec. time	Resolution	Bit rate	
			Video (Mbits/s)	Audio (kbits/s)
M1	60'	D1	9.72	384 k
M2	120'	D1	5.07	256 k
M2x	150'	D1	4.06	256 k
M3	180'	½D1	3.38	256 k
M4	240'	½D1	2.54	256 k
M6	360'	½D1	1.70	256 k
M8	480'	SIF	1.27	192 k

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 1 V_{pp} into 75 ohm
S-video (Y/C) out Y: 1 V_{pp} into 75 ohm
C: 0.3 V_{pp} into 75 ohm

YPbPr component video out Y: 1 V_{pp} into 75 ohm
P_B: 0.7 V_{pp} into 75 ohm
P_R: 0.7 V_{pp} into 75 ohm

RGB progressive/component video out 0.7 V_{pp} into 75 ohm

Audio Format

Compressed digital	Playback	Recording
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
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

SCART 1 CVBS, S-Video/RGB out
SCART 2 CVBS, S-Video/RGB in, decoder
Cinch (green/blue/red)
Hosiden 4-pin
Cinch (yellow)
Cinch (white/red)
Coaxial, optical
Coaxial 75 ohm (IEC type)
Coaxial 75 ohm (IEC type)
Standard (IEC type)

Timer Recording

Number of events 6; 1 month; daily/weekly
Record control VPS, PDC
Autom. Sat. Recording On SCART 2
Timer programming Manual, ShowView / VIDEO Plus+ (/051 only), NextView Link

Disc Manager

- Stores library of over 9000 DVD+RW/+R titles
- Ordering alphabetical, chronological or by disc
- Finding of titles and empty spaces

Digital Photo Manager

- PCMCIA slot compatible with Compact Flash, XD card
- Memory Stick, SD card, Smart Media, Micro Drive
- Recording on DVD+RW/+R
- Up to 3600 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
- DVD Video-compatible slide show recording

General Functionality

Auto standby/screen saver
Backup presets & timer: 1 year
Backup clock & calendar: 5 hrs
Auto clock set PDC, Teletext (Time/Date)
Audio Recording Level Automatic
TV-related functions 16:9 (pin 8), Follow TV, Direct Record
Cinema Link (pin 10)

Digital Bus functions: Cinema Link (pin 10)

Recording functions

- Safe Record
- Direct Record
- One-Touch Record (OTR)
- Overwrite
- 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
- Selectable background picture

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	<table> <tr> <td>Operation</td><td>28 W</td></tr> <tr> <td>Low Power</td><td>3 W</td></tr> <tr> <td>Standby</td><td></td></tr> </table>	Operation	28 W	Low Power	3 W	Standby	
Operation	28 W						
Low Power	3 W						
Standby							

Cabinet

Dimensions (W x H x D) 435 x 65 x 335 mm
Net Weight 4.0 kg

Package Contents

- DVD Recorder
- 46-key remote control + Batteries
- Directions for use
- AC power cable
- Full SCART cable
- Coax digital audio cable
- Coax RF antenna cable

