

Philips DVD Recorder



DVDR 1000 / 001

- Record from TV in digital quality on ReWritable DVDs
- Copy your favorite camcorder tapes onto DVD for life
- Digital picture and sound quality for the ultimate viewing experience
- Direct access to your recordings, no more winding or rewinding
- Plays DVD and audio-CD(R/RW)
- Recorded discs play on most DVD-Video players
- Visual overview to instantly find your recordings
- High quality mode for camcorder copying and additional modes for up to 4 hours recording
- Digital connection (i.LINK) for high-quality copying from digital camcorders
- RGB input for the best quality recording from analog sources
- ShowView / VIDEO Plus+ timer programming



Let's make things better.



PHILIPS

Technical Specification DVDR1000/001



Optical Read/Write System

| | |
|--------------------|-----------------------------|
| Laser type | Semiconductor AlGaAs |
| Numerical Aperture | 0.60 (DVD) 0.45 (CD) |
| Wavelength | 660 nm (DVD) 780 nm (CD) |

Disc Formats Supported

| Disc type | Playback | Recording |
|-----------|----------|-----------|
| DV+RW | ● | ● |
| DVD-R | ● | - |
| DVD-Video | ● | - |
| Video CD | ● | - |
| SuperVCD | ● | - |
| Audio CD | ● | - |
| CD-R | ● | - |
| CD-RW | ● | - |

DVD+ReWritable Disc Format

| | | |
|------------------------|-------------------------|------------------|
| Medium | Phase-Change Rewritable | |
| Diameter | 12cm | |
| Capacity (single side) | 4.7 Gbyte | |
| Recording time | HQ | 60' 9.72 Mbit/s |
| | SP | 120' 5.07 Mbit/s |
| | LP | 180' 3.38 Mbit/s |
| | EP | 240' 2.54 Mbit/s |

TV Standard

| | PAL/SECAM | NTSC |
|-----------------|-----------|------|
| Scan Frequency | 50Hz | 60Hz |
| Number of lines | 625 | 525 |
| Playback | ● | ● |
| Recording | ● | ● |
| Internal tuner | ● | - |

Video Format

| | |
|---------------------|--------------------------------|
| Digital Compression | DVD, SVCD: MPEG2 VCD: MPEG1 |
|---------------------|--------------------------------|

| DVD-VIDEO | 50Hz | 60Hz |
|---------------------|-------------------------|-------------------------|
| DVD+RW (HQ/SP) | | |
| Horiz. Resolution | 720 pixels ¹ | 720 pixels ¹ |
| Vertical Resolution | 576 lines | 480 lines |
| DVD+RW (LP/EP) | 50Hz | 60Hz |
| Horiz. Resolution | 360 pixels ² | 360 pixels ² |
| Vertical Resolution | 576 lines | 480 lines |
| VCD | 50Hz | 60Hz |
| Horiz. Resolution | 352 pixels | 352 pixels |
| Vertical Resolution | 288 lines | 240 lines |

¹ equivalent to 500 lines on your TV

² equivalent to 250 lines on your TV

Video Performance

| | |
|-----------------|--|
| DA Converter | 10 bit |
| AD Converter | 9 bit |
| Signal handling | Components |
| Video output | 1Vpp into 75 ohm |
| S-Video output | Y: 1Vpp into 75 ohm C: 0.300Vpp into 75 ohm |
| RGB Output | 0.7 Vpp into 75 ohm |

Audio Format

| Compressed digital | Playback | Recording |
|------------------------|--|--------------------------------|
| • Dolby Digital (AC-3) | Multi-channel | 2-channel 16-bit, fs 48 kHz |
| • DTS | Multi-channel | - |
| • MPEG1 | 2-channel | - |
| • MPEG2 | Multi-channel | - |
| Spdif | | |
| • PCM | 2-channel 16, 20, 24 bit fs 48, 96 kHz | - |

- Analog stereo & Dolby Pro Logic (VCD & downmix from multi-channel sound)
- 3D Sound for virtual 5-channel sound on 2 speakers

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) | 105 dB | |
| Dynamic Range (1kHz) | 100 dB | |
| Crosstalk (1kHz) | 110 dB | |
| Distortion/Noise (1kHz) | 90 dB | |

Reception

| | |
|-------------------------|--|
| Tuner | UHF + VHF + Hyperband |
| Tuning presets | PLL, Ch/Freq entry, 99 |
| Tuning/Install Features | Guide Channel Mapping, Manual Search/Store, Follow TV |
| Audio | NICAM, 'German' stereo |

Front Connections

| | |
|------------------------|--------------------|
| i.LINK DV | IEEE 1394 4-pin |
| S-Video Input | Hosiden 4-pin* |
| Video Input | Cinch (yellow)* |
| Audio Left/Right Input | Cinch (white/red)* |
| * gold-plated | |

Rear Connections

| | |
|-------------------------|---|
| SCART 1 | CVBS, S-Video/RGB |
| SCART 2 | CVBS, S-Video/RGB, Decoder |
| S-Video Input | Hosiden 4-pin |
| S-Video Output | Hosiden 4-pin |
| Video Input | Cinch (yellow)* |
| Video Output | Cinch (yellow)* |
| Audio Left/Right Input | Cinch (white/red)* |
| Audio Left/Right Output | Cinch (white/red)* |
| Digital Audio Output | 1 coaxial*, 1 optical IEC958 for CDDA / LPCM IEC1937 for MPEG2, AC-3, DTS |
| RF Antenna Input | Coaxial 75 ohms |
| RFTV Output | Coaxial 75 ohms |
| Mains | Standard (IEC type) |
| * gold-plated | |

User Interface

| | |
|---------------|--|
| OSD Languages | English, French, German, Dutch, Spanish, Italian, Swedish |
|---------------|--|



Technical Specification DVDR1000/001

Programming

| | |
|---|--|
| Number of events | 6; 1 month; Daily/Weekly |
| Programming mode | OTR |
| Record control and transmitter identification | PDC, VPS |
| Autom. Sat. Recording | From SCART 1/2 |
| Timer programming | Manual, ShowView / VIDEO Plus+, nexTVView Link |

General Functionality

| | |
|--------------------------------------|--|
| 3D sound (SRS TruSurround) | |
| Beep Feedback for Remote Control | |
| Resume (20 discs) after stop/standby | |
| Dim display (3 levels of brightness) | |
| Backup Presets & Timer Events: | 1 year |
| Backup Clock & Calendar: | 7 hrs |
| Time/Date Download | PDC, Text (Time/Date) |
| Audio Recording Level | Automatic, Manual |
| TV-Related Functions | 16:9 (pin 8), Follow TV, Direct Record |
| Digital Bus Functions: | EasyLink (pin 10) |

Disc playback

- Auto Resume (20 discs)
- Play / Stop / Pause
- Fast Forward/Backward (3 speeds)
- Step Forward/Backward
- Slow (3 speeds)
- Title / Track Select
- Next / Previous Title / Track / Chapter
- Repeat (Chapter / Title / All) or (Track / All)
- A-B Repeat
- Intro Scan
- Perfect Still with digital multi-tap filter
- Zoom (1.33x, 2x, 4x) with picture enhancement
- Pan
- Time search

DVD+RW Functionality

- Direct Record
- One-Touch Record (OTR)
- Station ID and Program Name recording
- Append
- Divide
- Erase
- Automatic/Manual Chapter Marker insertion
- Disc write lock
- Favourite Scene Selection
- Index Picture Screen for instant content overview
- Selectable Index Pictures

DVD-Video Functionality

- Multi-angle Selection
- Audio Selection (1 out of max. 8 languages)
- Subtitles Selection (1 out of max. 32 languages)
- Aspect Ratio conversion (16:9, 4:3 Letterbox, 4:3 Pan Scan)
- Parental Control and Disc Lockout
- Disc Menu support (Title Menu and Root Menu)

Video CD Functionality

- Playback Control for VCD 2.0 discs
- Parental Control and Disc lockout

Audio CD Functionality

- Time Display (Total / Track / Remaining Track Time)
- Full audio functionality with remote control

Power Supply

| | | |
|-------------------|---------------------|------|
| Power Inlet | 200-240 V, 50/60 Hz | |
| Power consumption | Operation | 40 W |
| | Low-power standby | 3 W |

Cabinet

| | |
|------------------------|--------------------|
| Dimensions (w x h x d) | 435 x 110 x 330 mm |
| Net Weight | 8.8 Kg |
| Front Panel | 3mm Aluminium |

Remote Control

- Universal remote for control of main TV functions
- Aluminium top
- Hard coated keys
- Dome foil for tactile feedback

Package Contents

- DVD Video Recorder
- Universal Remote Control RC2050 including two R06/AA batteries
- Directions for use
- DVD+RW disc
- AC power cable
- full SCART cable
- Audio cable*
- Video cable*
- S-Video cable*
- Coax RF antenna cable
- * gold-plated plugs

Directions for Use

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

Packaging

| | |
|------------------|--|
| Colors | black printing on beige box |
| Languages | English (front) French (rear) Spanish (right) German (left) |
| Size (W x H x D) | 516 x 210 x 400 mm |
| Gross weight | appr. 10 kg |
| Buffers | Polypropylene |

Technical Specification DVDR1000/001



Product Highlights

- **Two-way compatibility**

The Philips DVD Video Recorder plays your existing library of pre-recorded DVD and CD discs, while the DVD discs you record play on existing DVD Video players.



- **Naked disc**

With a Philips DVD Video Recorder there is no hassle with disc cartridges – neither for recordable nor for pre-recorded discs.

- **i.LINK**

You can connect DV and D8 camcorders and PCs with digital video editing facilities via the DigitalVideo input for the best possible video quality.



- **RGB input**

With RGB video you can record analog video at the highest quality level, exceeding not only CVBS but also S-Video.



- **Disc bar**

The display instantly shows you an overview of the disc contents, the current position and the play mode, so you always know where you are.

- **Index Picture Screen**

The recorder automatically creates a screen menu with an index picture of each recording, so you can immediately see what's on the disc, navigate to the title you want to see, and start to play – or record.



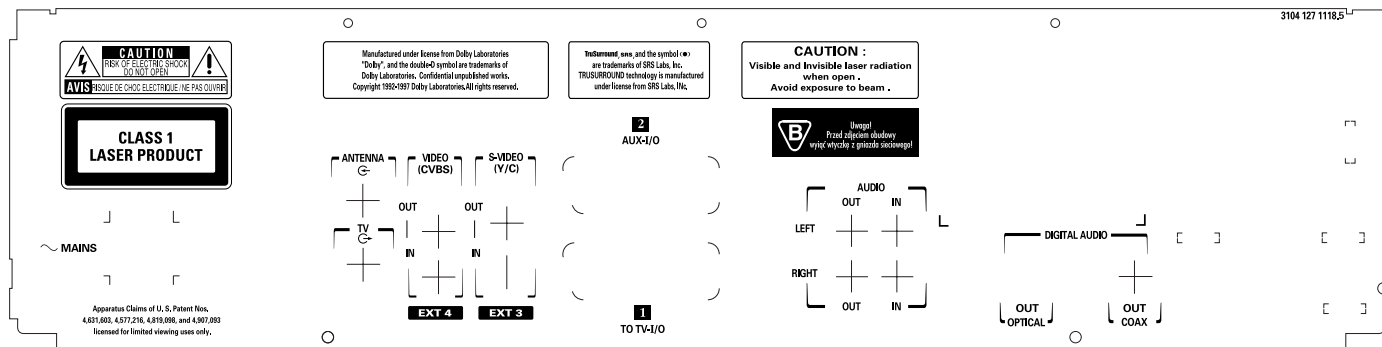
- **Favourite Scene Selection**

With FSS, you can select the scenes you want to see and the DVD Video Recorder will skip the unwanted scenes at your command. You can view the selection on existing DVD players, too. Easy, single-disc, single-device editing.



- **PC compatibility**

The Philips DVD Video Recorder uses the same discs as DVD+RW drives in PCs. What's more, the discs you record will play on existing DVD-ROM drives. And with the right software/hardware package for your PC, you can make sophisticated video edits on your DVD+RW discs.



Subject to change without notice
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