

# Internal DVD ReWriter (DVD+R/RW)



*The Ultimate in Digital Recording*

- DVD ReWriter and CD ReWriter in one
- Records both on DVD+RW rewritable media and DVD+R write-once media
- Up to 4.7GB storage on one DVD disc
- High speed CD & DVD Recording
- Intelligent & reliable
- Compatibility without compromise



**DVD+RW200 Series**



**2-Year Warranty**



*Let's make things better.*



**PHILIPS**

# Internal DVD ReWriter



## Hardware specifications

### Maximum Speeds

• DVD Write	: 2.5x	3300kB/sec
• DVD ReWrite	: 2.5x	3300kB/sec
• DVD Read	: 8x	10800kB/sec
• CD Write	: 12x	1800kB/sec
• CD ReWrite	: 10x	1500kB/sec
• CD Read	: 32x	4800kB/sec

### Interface

- ATAPI / E-IDE (Ultra DMA 2)

### Buffer

- 2MB

### Capacity CD

- Up to 4.7GB on DVD+RW, DVD+R
- Up to 700MB CD-R/RW

### Access time

- CD <120msec
- DVD <140msec

### Compatibility for reading

- All popular CD formats; CD-ROM, CD-Recordable, CD-Rewritable
- DVD-ROM, DVD+R, DVD+RW

### Compatibility for writing

- CD-R, CD-RW
- DVD+R, DVD+RW

### Formats supported

- CD-Audio, CD-ROM (XA), CD-Bridge, CD-Text CD-I, Video-CD, Photo CD, CD-Extra, DVD-ROM, DVD+RW, DVD+R

### Write Methodes

- Track at once (TAO), Disc at once (DAO)
- Multi Session (MS), Session At Once (SAO)
- Fixed & variable Packet Writing
- DVD Random Write & Sequential Write.

### System requirements OS

- Windows® 95 (OSR2.0 or later), Windows® 98SE, Windows® Me, Windows® 2000 Professional, Windows NT® Workstation 4.0 (Service Pack 5 or later), Windows® XP.

### Interactive installation

- Simplify Installation! Unique step-by-step interactive video installation CD shows you the way. Automatic tuning of your system for optimum performance.

### Firmware upgrade

- via Flash Tool (see: [www.philips.com/PCstuff](http://www.philips.com/PCstuff))

### Command set

- MMC 3 compliant

### Minimised Dust entry

- Internal dust sealing mechanism

### Mounting orientation

- Horizontal or Vertical (Eject button upside)

### Media type for writing

- DVD+RW and DVD+R Media 4.7GB (high quality Philips media recommended)
- CD-R and CD-RW 74 and 80 min. media (high quality Philips media recommended)
- 8 cm CDs can be used for both CD read and CD write functions (In horizontal position only)

### Recording format

- UDF and ISO 9660

### Power requirements

- DC5V/12V, power consumption 16W

### Laser power control

- Real Time Optimum Laser Power Control (ROPC) to increase writing reliability

### Front Panel

- Tray door, Headphone jack, Volume control, Busy LED indicator
- Eject/Close button, Emergency eject hole.

### Rear Panel

- Analogue audio out, Digital audio out, Master/Slave select jumper,
- IDE interface connector, DC power connector.

### Operating temperature/Humidity

- 5-35°C / 5-90%RH

### Dimensions

- Width x height x depth (mm): 146 x 42 x 196mm incl. bezel
- Weight: 0.98 Kg



### Edit, Create and Share your own DVDs.

- Create DVDs from your home Videos.
- Share and play your home recorded DVD discs on almost all DVD video players or on DVD-ROM drives.



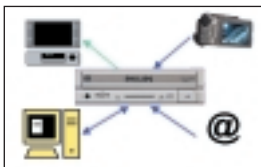
### Large Storage Capacity at High Speed.

- Archive data up to 4.7GB on DVD discs, so up to 7 times the storage capacity of a regular CD.
- The 2.5x DVD writing and rewriting speed is comparable to 20x CD-RW speed!



### Compatibility without compromise:

- The DVD ReWriter, complying with the DVD+RW standard and DVD+R standard optimized for PC and consumer applications, has been designed to be two-way compatible, meaning:
- DVD ReWriters read DVD-Video and DVD-Data discs.
- Recordings made on DVD+RW or DVD+R discs with a DVD ReWriter can be played in PCs with DVD-ROM Drive, as well as in most DVD-Video players.



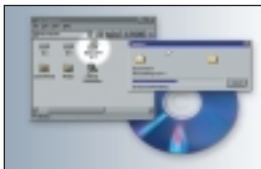
### Versatility:

- Edit your video and create your own DVD-Video movies
- Create your own CDs
- Back-up your PC files
- Playback your DVDs or CDs



### Do not worry anymore about video file compatibility

- Faster than real-time conversion of all incoming video formats into those compatible with DVD players, freeing the user from the headaches of determining file compatibility.
- Burning directly from your camcorder or VCR to your DVD disc.



- **Seamless Link** buffer underrun protection. Seamless link protects against the consequences of buffer underrun errors by automatically monitoring the drive's buffer memory. Saves time and money.

### Thermo-Balanced Writing

- TBW strategy analyses the quality of the recording media and adapts the writing strategy to reduce errors. The result is the fastest recording speed possible.

<http://www.philips.com/pcstuff>

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Let's make things better.



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