

# Internal CD-ReWriter 24x 12x 40x



## Ultra Speed CD-ReWriter

- 12x Ultra speed rewriting
- Up to 40x audio extraction
- Reliable recording with Thermo Balanced Writing
- Buffer underrun protection by Seamless Link
- Burn your CD in as little as 4 minutes

EASY CD CREATOR  
DirectCD



ULTRA

CDRW 2400  
Series



2-Year Warranty

Microsoft  
Windows® 2000  
Windows® NT4.0

Microsoft®  
Windows® Me  
Windows® 98  
Windows® 95  
Windows® XP



Let's make things better.



PHILIPS

# Internal CD-ReWriter



## Hardware specifications

### Maximum Speeds

- CD Write speed : 24x 3.600 kB/sec
- CD Rewrite speed: 12x 1.800 kB/sec
- CD Read speed : 40x 6.000 kB/sec

### Interface

- E-IDE / ATAPI (Ultra DMA 2)

### Buffer

- 8MB

### Capacity CD

- Up to 700 MB

### Access time

- Average stroke <125msec. (40x)

### Compatibility for reading

- All popular CD formats; CD-Recordable and CD-Rewritable.

### Compatibility for writing

- CD-Recordable and CD-Rewritable

### Formats Supported

- CD-Audio, CD-ROM (XA), CD-Bridge, CD-Text, CD-I, Video-CD, CD-Extra.

### Write Methods

- Track at once (TAO), Disc at once (DAO).
- Multi Session (MS), Session At Once (SAO)
- Fixed & variable Packet Writing. CD-UDF compatible.

### Operating Systems

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

### Interactive installation Video

- 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.pcstuff.philips.com](http://www.pcstuff.philips.com))

### Command set

- MMC 3 compliant

### Minimised Dust entry

- Internal dust sealing mechanism

### Mounting Orientation

- Vertical or horizontal . 5.25" half height Form factor.

### Media type for writing

- CD-R and CD-RW
- 74 and 80 min media (high quality Philips media recommended for high speed writing)
- 8 cm CDs can be used for both read and write functions

### Recording format

- UDF and ISO 9660

### Power requirements

- DC5V/12V, power consumption 12W

### Power saving

- Embedded OPC (Optimum Power Control)

### Front Panel

- Tray loader (8 and 12 cm discs), Headphone jack, Volume control, LED function indicator, Eject/Close button, Emergency eject pin hole.

### Rear Panel

- Analogue audio out, Digital audio out, Master/Slave/Cable Select jumper settings, ATA-2 40 pin E-IDE connector, DC power inlet.

### Operating temperature/Humidity

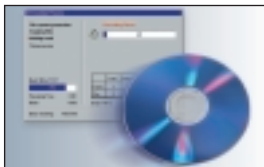
- 5-45°C / 8-80%RH.

### Bundled Recording Software

ROXIO Easy CD Creator and Direct CD.

### Warranty

2 years exchange.



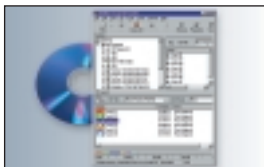
**12x Ultra Speed Recording on RW discs**  
12x Ultra Speed recording on CD-RW discs, replaces your floppy disc (1.44MB) with CD capacity up to 550MB on all popular CD-RW discs available.



**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.



### Make your own audio CDs

Up to 40x Audio Extraction. Compile your MP3, audio tracks and Video clips to CD in no time. Drag & drop recordings makes it simple and easy. Create regular CD's from MP3 files.



### Interactive Installation Video

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



### Save important files to CD

Safeguard your important files for decades. CDs are the most reliable and compatible storage media available. It's safe, simple and fast.



### Box Content

- PCRW2412
- Installation tool on CD
- Installation guide
- CD Recording Software
- Blank CD-R & CD-RW media
- Audio cable
- 4 mounting screws

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

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