

PCRW4816
Internal CD-ReWriter
48x 16x 48x



Ultra Speed ReWriter

- *Ultra Speed 16x ReWriting on CD-RW*
- *Top speed 48 Recording on CD-R*
- *Up to 40x Audio Extraction*
- *Thermo Balanced Writing (TBW) for optimal writing quality*
- *Buffer underrun protection by Seamless Link*
- *Burn a disc in less than 3 minutes*



2-Year Warranty



Let's make things better.



PHILIPS

Internal CD-ReWriter



Hardware specifications

Maximum Speeds

- CD Write speed : 48x 7200 kB/sec
- CD Rewrite speed: 16x 2400 kB/sec
- CD Read speed : 48x 7200 kB/sec

Interface

- E-IDE / ATAPI (Ultra DMA 2)

Buffer

- 2MB

Capacity CD

- Up to 700 MB

Access time

- Average stroke <125msec.

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.

Applicable Operating Systems

- Windows® 98SE, Windows® ME, Windows® 2000 Professional, Windows® XP.

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.philips.com/PCstuff)

Command set

- MMC 3 compliant

Minimised Dust entry

- Internal dust sealing mechanism

Mounting Orientation

- Vertical or horizontal

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, average power consumption 16W

Laser Power Control

- Embedded OPC (Optimum Power Control)

Front Panel

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

Rear Panel

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

Operating temperature/Humidity

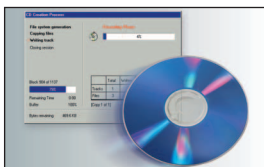
- 5-45°C / 8-80%RH

Bundled Recording Software

- NERO 5 with packet CD recording by AHEAD Software

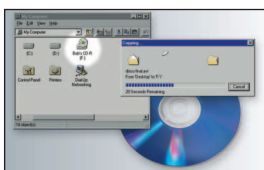
Warranty

- 2 years exchange



Top speed 48 Recording and 16x Speed Recording on RW discs

Top speed recording up to 48x CD-R. 16x Speed rewriting on CD-RW discs, replaces your floppy disc (1.44MB) with CD capacity up to 550MB on all popular CD-RW discs available.

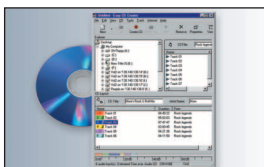


Seamless Link buffer underrun protection

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

Compile your MP3, audio tracks and Video clips to CD in no time. Drag & drop recordings makes it simple and easy. Create regular CDs from MP3 files. Easily make your own CDs in minutes.



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

- PCRW4816 CD-ReWriter
- CD-ReWriter Quick Install Guide + CD containing install tool and CD Recording Software
- Blank CD-R disc
- Audio cable
- 4 mounting screws

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

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