

**Internal CD-ReWriter 52x 24x 52x**

**PBRW5224G  
PBRW5224B**

**PBRW5224G**(mushroom-grey) / **PBRW5224B**(Black)

**As bulk product only**

### **Ultra Speed ReWriter**

- **Ultra Speed 24x ReWriting on CD-RW**
- **Top speed 52 Recording on CD-R**
- **Up to 48x 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**



**PHILIPS**

# Internal CD-ReWriter



## Hardware specifications

### Maximum Speeds

- CD Write speed : 52x 7800 kB/sec
- CD Rewrite speed: 24x 3600 kB/sec
- CD Read speed : 52x 7800 kB/sec

### Interface

- E-IDE ATA / ATAPI (Ultra DMA 2)

### Buffer

- 2MB

### Capacity CD

- 74 min 650 MB
- 80 min 700 MB
- 90 min 800 MB (with overburn)

### Access time

- Average stroke <125msec.

### Compatibility for reading

- All popular CD formats; CD-Recordable and CD-ReWritable

### Compatibility for writing

- CD-R (Recordable) and CD-RW (ReWritable)

### Formats Supported on writing

- CD-Audio, CD-DA, CD-ROM (XA), CD-Bridge, CD-Text  
CD-I, Photo-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,  
Windows® XP.

### 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

- Vertical or horizontal

### Media type for writing

- CD-R and CD-RW
- 74, 80 and 90 min media, High speed CD Recordable / Rewritable and Ultra speed CD Rewritable. (High quality Philips media recommended for high speed and ultra speed writing)
- 8 cm CDs can be used for both read and write functions (horizontal orientation only)

### 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, LED function indicator
- Eject/Close button, Emergency eject pin hole

### Rear Panel

- Analogue audio out, Digital audio out, Master/Slave select jumper,
- ATA-33 40 pin E-IDE connector, DC power in.

### Operating temperature/Humidity

- 5-45°C / 8-80%RH

### Warranty

- 2-years warranty

Note: Application software is not included and needs to be ordered separately



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

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