



Philips
Internal Drive

DVD
8x
ReWriter

PBDVD824B

Make your own DVDs at lightning speed

The highest speed DVD ReWriter

Enjoy the ultimate in speed and digital recording performance with the DVDRW824 internal DVD/CD writer. Supports read and write on all recordable(+R/-R) and ReWritable (+RW/-RW) discs.

Top Performance

- Burn video, audio and images onto DVD or CD
- 4.7GB storage capacity

Convenience

- Set-up and use in minutes on any PC or Laptop
- Extensive software package for DVD and CD applications

Extreme Reliability and Robustness

- Safe and reliable re-writing with Seamless Link
- Dynamic Calibration ensures writing quality at high speed
- Optimum recording speed for any recordable disc
- Confidently play your DVDs on all drives and set-top devices

PHILIPS

Specifications

Storage Media

- Disc capacity: 4.7 GB DVD R/RW, 700 MB CD-R/R
- Disc size: 120 mm
- Mass storage class compliant
- Recording media: DVD+R, DVD+RW, CD-R, CD-RW, 8cm CDs, 8cm CDs (only in hor. pos.), DVD-R, DVD-RW
- Recording format: UDF and ISO 9660
- Access time (typical): 120ms on CD, 140 ms on DVD
- Write modes: Track at once (TAO), Disc at once (DAO), Multi Session (MS), Session at once (SAO), Packet writing, Fixed packet, Variable packet, Raw mode burning, Over-burn writing
- Supported formats: CD-Audio, CD-ROM, CD-Bridge, CD-Text, CD-Recordable, CD-Rewritable, Video-CD, Photo CD, CD-Extra, DVD-ROM, DVD+RW, DVD+R, DVD-R, DVD/RW
- Reading speeds: 12x on DVD-ROM, 7x on DVD+R, 7x on DVD+RW, 40x on CD-R
- Recording speeds: 8x on DVD+R, 4x on DVD-R, 24x on CD-R
- Rewriting speeds: 4x on DVD+RW, 2x on DVD-RW, 10x on CD-RW

Connectivity

- Other connections: 12 V DC in, Analog audio Left/



- Right out, Master/Slave select jumper, IDE interface connector, DC power connector, Digital audio out
- Interface: ATAPI/ E-IDE (UDMA-2)

System Requirements

- PC OS: Windows 98 SE, 2000, ME, XP
- Processor: Pentium III 500MHz or faster
- RAM memory: 128 MB
- Hard disk space: 500MB

Dimensions

- Product weight: 0.95 kg
- Product dimension (WxDxH) inch: 20x25x4 cm

Power

- Adaptor type: DC 5V/12V
- Power consumption: 16 W

Technical specifications

- Humidity: 5 - 90 %RH (no condensation)
- Operating temperature range: 5 - 45 °C
- EMC standards: EN55022, EMS55024, FCC Part 15
- Access time: CD: <120msec (typical), DVD: <140msec (typical)

Highlights

High Speed ReWriting

Record your discs faster than ever before

4.7GB storage capacity

4.7GB storage capacity allows you to record 1 hour of high-quality DVD video or to store data equivalent to 7 CDs.

Ease of use

Ease of use means every customer is able to install and operate even complex products.

Extensive Software Package

Complete software bundle offering all functionality in a simple intuitive way.

Seamless Link

Seamless Link prevents loss of discs caused by writing errors

Dynamic Calibration

Dynamic Calibration optimizes DVD writing quality of high-speed DVD+RW drives.

Thermo Balanced Writing

Always the best and fastest recording of any of your recordable discs

DVD compatibility

DVD Compatibility ensures playability of self-made DVD discs on as many set-top players and DVD-ROMs as possible.



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