



Philips
Internal Drive

DVD
16x
ReWriter

PBDV1640B

16X Ultimate Writing Speed

First drive to offer 16X DVD+R recording

First drive to combine both 16X DVD+R recording speed and 8.5GB DVD+R DL double layer capacity

World's 1st DVD Rewriter with 16X DVD+R writing

- Record at the highest speed allowed by the technology

Record at amazing speeds!

- 16X top writing speed on DVD+R/-R
- Fast recording of your (re-)writable discs

Superior Performance

- 8.5 GB storage capacity on a single-sided double-layer disc

Extreme Reliability and Robustness

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

Enjoy all possible Features & Functions

- Extensive software package for DVD and CD applications

PHILIPS

Specifications

Storage Media

- Access time (typical): 120ms on CD, 140 ms on DVD
- Disc capacity: 8.5 GB DVD+R DL, 4.7 GB DVD+R/R
- Mass storage class compliant
- Recording format: UDF and ISO 9660
- Recording media: 8cm CDs (only in hor. pos.), CD-R, CD-RW, DVD+R, DVD+R double layer, DVD+RW, DVD-R, DVD-RW
- Supported formats: 8cm discs, CD-Audio, CD-Bridge, CD-Extra, CD-I, CD-Recordable, CD-Rewritable, CD-ROM, CD-Text, DVD+R, DVD+RW, DVD-ROM, DVD/R, DVD/RW, Photo CD
- Write modes: Disc at once (DAO), Fixed packet, Multi Session (MS), Over-burn writing, Packet writing, Raw mode burning, Session at once (SAO), Track at once (TAO), Variable packet
- Reading speeds: 16x on DVD-ROM, 10x on DVD+R DL, 10x on DVD+R, 10x on DVD+RW, 10x on DVD-R, 10x on DVD-RW, 40x on CD-R, 32x on CD-RW
- Recording speeds: 16x on DVD+R, 2.4x on DVD+R DL, 8x on DVD-R, 40x CD-R
- Rewriting speeds: 4x on DVD+RW, 4x on DVD-RW, 24x CD-RW

Connectivity

- Other connections: 12 V DC in, Analog audio Left/Right out 2x, Master/Slave select jumper, IDE interface connector

Convenience

- Ease of Installation: Plug & Play

System Requirements

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

Dimensions

- Product dimension (WxDxH) inch: 20x15x4 cm
- Product weight: 0.95 kg

Power

- Adaptor type: DC 5V/12V
- Power consumption: 25 W

Technical specifications

- Humidity: 5 - 90 %RH (no condensation)
- Operating temperature range: 5 - 50 °C
- Safety standards: EN60950, EN60825, UL1950
- EMC standards: EN55022, EMS55024, FCC Part 15
- Access time: CD: <120msec (typical), DVD: <140msec (typical)



Highlights

Top Speed Writing

Top Speed recording is the highest recording speed possible within the limits of the technology.

16X write speed on DVD+R/-R

Top speed 16X recording on DVD+R and DVD-R discs

Ultra Speed ReWriting

Record your discs faster than ever before

8.5 GB of storage capacity

Store 8.5 GB of data or 4 hours of DVD quality video on one single-sided double-layer disc

Dynamic Calibration

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

DVD compatibility

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

Seamless Link

Seamless Link prevents loss of discs caused by writing errors

Thermo Balanced Writing

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

Extensive Software Package

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

Intuitive Software Launcher

Intuitive launch screen to provide an overview of all available applications and to start them

Smart disc detection

Application software feature detecting the actual disc used and automatically selecting the correct applications

How to.. manual

Photo guided step by step tour through both installation process and applications

4 Hours of DVD quality video

4 Hours of DVD quality video fit on one disc without the need to turn the disc in the mids of a movie



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