



Philips
Internal Bulk Drive

DVD

16 x ReWriter

PBDV1640B



16X DVD ReWriter

Dual Format 16X DVD R and 4x DVD+R DL recording

True dual format drive to combine both 16X DVD+/-R and 4x DVD+R DL recording speed and 8.5GB DVD+R DL double layer capacity

Superior Performance

- 8.5GB storage capacity on a single sided double layer disc
- 16X top writing speed on DVD+R/-R
- DVD ReWriter supporting 16X DVD-R
- 4X writing speed on 8.5 GB double layer discs
- Fast recording of your (re)writable discs

Extreme Reliability and Robustness

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

Productivity

- 4 Hours of DVD quality video fits on one disc

Convenience

- Dual Format

PHILIPS

sense and simplicity

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
- **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 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
- **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
- **Supported formats:** 8cm discs, CD-Audio, CD-Bridge, Stereo out (2 cinch), 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

Connectivity

- **Other connections:** 12 V DC in, Analogue audio left / right out 2x, IDE interface connector, Master / slave select jumper

Convenience

- **Ease of installation:** Plug & Play

System Requirements

- **Hard disc 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)

Product highlights

8.5GB storage capacity

Single sided double layer disc with 8.5 GB storage capacity

16X write speed on DVD+R/-R

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

16X write speed on DVD-R

16x DVD-R writing speed

4X double layer writing

4X writing speed on DVD+R DL discs

Ultra speed rewriting

Record your discs faster than ever before

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

4 Hours of DVD quality video

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

Dual Format

Drive supporting both +R/+RW and -R/RW DVD formats

Ease of use

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



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