



Philips
Internal Bulk Drive

PBDV16LSB

simply burn your disc & print your label

Burner & Printer in one

Dual format, double layer 8.5 GB burner with lightScribe technology to print labels direct to disc with the same drive.

Superior Performance

- 16X top writing speed on DVD+R/-R
- Drive with lightScribe function
- 8.5 GB storage capacity on a single-sided double-layer disc

Convenience

- CD and DVD burner & label printer combined in one device
- Dual Format

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

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Specifications

Storage Media

- Recording speeds: 16x on DVD+R, 40x CD-R, 2.4x on DVD+R DL, 8x on DVD-R
- 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
- Disc capacity: 8.5 GB DVD+R DL, 4.7 GB DVD+R/R
- Recording media: 8cm CDs (only in hor. pos.), CD-R, CD-RW, DVD+R, DVD+R double layer, DVD+RW, DVD-R, DVD-RW
- Rewriting speeds: 4x on DVD+RW, 4x on DVD-RW, 24x CD-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, DVD+R DL
- 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
- Recording format: UDF and ISO 9660
- Access time (typical): 120ms on CD, 140 ms on DVD
- Mass storage class compliant

Connectivity

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



Convenience

- Ease of Installation: Plug & Play
- Ease of Use: How to manual, step by step

Accessories

- Included accessories: 4 mounting screws, CD-ROM with software + manual, Quick install guide, User Manual, LightScribe discs

System Requirements

- Hard disk space: 500MB
- PC OS: Windows® 2000 and 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

16X write speed on DVD+R/-R

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

LightScribe

LightScribe Direct Disc Labeling makes messy marker pens and awkward stick-on labels a thing of the past! Simply flip over your specially coated recordable/rewritable CD or DVD, re-insert it in the drive and 'burn' fantastic labels with the look and quality of professional silk-screened labels. You can mix text and personalized graphics using the software provided and even add to the label at a later date. It makes finding your archived movies, music, photos and data files easier 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

Burner & Printer in one

LightScribe technology adds label printing functions to your CD and DVD burner.

Dual Format

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

Dynamic Calibration

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

Seamless Link

Seamless Link prevents loss of discs caused by writing errors



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