



Philips
Internal Drive

DVD

16x ReWriter

DVDR 1645K



16X Ultimate WritingSpeed

First dual format drive for 16X DVD+R writing

First dual format drive combining 16X DVD+R and DVD-R writing speed and 8.5GB DVD+R DL double layer capacity at 4X writing speed

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

Top Performance

- Burn video, audio and images onto DVD or CD

Convenience

- Set up and use in minutes on any PC or laptop

Extreme Reliability and Robustness

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

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

Accessories

- **Included Accessories:** 4 mounting screws, CD-ROM with software + manual, User Manual

Software

- **Ahead Nero Suite 6:** Nero Burning Rom 6, InCD 4, Nero Vision express 2, Nero media Player 1, EasyWrite Reader 4, Nero Burning Rights 1

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, EMS5024, 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

High Speed ReWriting

Record your discs faster than ever before

Ease of use

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

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.

How to.. manual

Photographic 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 over in the midst of a movie



Issue date 2007-12-01

Version: 1.0

12 NC: 9082 100 04841
EAN: 87 10895 89820 1

© 2007 Koninklijke Philips Electronics N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com