



Philips  
Internal Drive

DVD  
16x  
ReWriter

DVDR1645K

# 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

- 8.5 GB 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
- Dynamic Calibration ensures writing quality at high speed
- Optimum recording speed for any recordable disc

# 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
- 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, 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

## 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

## 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, EMS55024, FCC Part 15
- Access time: CD: <120msec (typical), DVD: <140msec (typical)

# Highlights

## 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

## 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

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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