

Internal 16x DVD+RW drive

DVDR1640

16x Ultimate Writing Speed

First drive to offer 16x DVD+R recording

First drive to combine both 16x DVD+R recording speed and 8.5 GB 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
- 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 ensure writing quality at high DVD 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
- Intuitive software using a central launch screen as a start

Experience Extreme Ease of Use

- Feature to determine disc format used and its applications
- Step by step guidance for installation and applications

Productivity

- 4 Hrs of DVD quality video fits on one disc



PHILIPS

Internal 16x DVD+RW drive

DVDR1640

Commercial Specifications

Storage Media

- Access time (typical) 120ms on CD, 140ms on DVD
- Disc capacity 8.5 GB DVD+R DL, 4.7 GB DVD+R
- Mass storage class compliant yes
- 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

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

Convenience

- Ease of Installation Plug & Play

Accessories

- Included Accessories 4 mounting screws, CD-ROM with software + manual, Quick install guide, User Manual, DVD+R 16x blank disc

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

Dimensions

- Product dimension (WxDxH) 20x15x4 cm
- Product Weight (kg) 0.95

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)

Packaging data

- Type Code 7738 CARTON
- 12NC 9082 100 03119
- EAN 87 10895 83038 6
- Quantity 1
- Gross Weight (kg) 1
- Tare Weight (kg) 0.05
- Nett Weight (kg) 0.95
- Length (cm) 20
- Width (cm) 14
- Height (cm) 4

Product Highlights

16x write speed on DVD+R

Top speed 16x recording on DVD+R discs.

8.5 GB storage capacity

Single sided double layer disc with 8.5 GB storage capacity.

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.

Smart disc detection

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

Extensive Software Package

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

4 Hrs of DVD quality video

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

How to.. manual

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

Intuitive Software Launcher

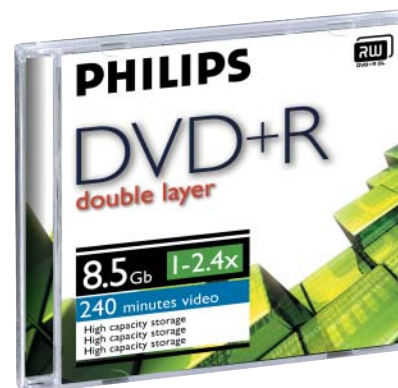
Intuitive launch screen to provide an overview of all available applications and to start them.

Ultra Speed ReWriting

Record your discs faster than ever before.

Top Speed Writing

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



Date of issue: February 2004

Specifications are subject to change without notice

Trademarks owned by Royal Philips Electronics

2004 © Royal Philips Electronics - All rights reserved

www.philips.com

