



Philips  
Internal Drive, IDE

DVD  
22x  
ReWriter

SPD2418BD

## No more worrying about disc formats...

### Optical storage you can rely on

This Philips internal DVDRW drive reads and writes all DVD, dual layer and CD formats. It's easy to install even for inexperienced users. And coming from co-inventor of Blu-ray, DVD and CD optical media, you can be sure it's ultra reliable.

#### **Superior Performance**

- Amazing 22x writing speed
- 8.5 GB storage capacity on a single-sided double-layer disc

#### **Extreme Reliability and Robustness**

- Dynamic Calibration ensures writing quality at high speed
- Safe and reliable re-writing with Seamless Link

#### **Witness the latest technology**

- Double layer writer for +R and -R, DL media
- DVD-RAM format supported

#### **Convenience**

- This drive can read and write all CD and DVD formats
- Step by step manual in 10 languages
- Plug & Play for easier installation
- Extensive software package for DVD and CD applications

# PHILIPS

# Specifications

## Reading Speed

- CD-ROM: 48x (7200 kB/s)
- DVD-ROM: 16x (21600 kB/s)
- Access time: 140 ms
- Buffer size: 2MB

## Writing Speed

- DVD+R: 22x (29700 kB/s)
- DVD-R: 22x (29700 kB/s)
- DVD-RAM: 12x (16200 kB/s)
- DVD+R DL: 8x (10800 kB/s)
- DVD-R DL: 8x (10800 kB/s)
- CD-R: 48x (7200 kB/s)

## Rewriting Speed

- DVD+RW: 8x (10800 kB/s)
- DVD-RW: 6x (8100 kB/s)
- CD-RW: 32x (4800 kB/s)

## Connectivity

- Interface: IDE / PATA interface
- Other connections: DC power connector, Master/Slave select jumper

## Convenience

- Ease of Installation: Plug & Play
- Languages in manual: 14

## Accessories

- Included accessories: CD-ROM with software + manual, User Manual

## Software

- Nero 7 Essentials: Nero Burning ROM SE 7.11, Nero BackItUp 2.10, Nero BurnRights 2.1, Nero CD-DVD Speed 4.7, Nero CoverDesigner 2.10, Nero DriveSpeed 3.0, Nero Home 2.0, Nero InfoTool 4.4, Nero MediaHome 2.5, Nero PhotoSnap 1.2, Nero StartSmart 3.7, Nero Recode 2.5 (30 day trial), Nero Showtime 3.10 (30 days), Nero Vision Exp. 4.9 (30 days), InCD 5.5

## System Requirements

- PC OS: Microsoft Windows® Vista, XP, 2000 SP4
- Processor: Pentium 4, 1.3 GHz or higher
- RAM memory: 256 MB
- Hard disk space: 650MB

## Technical specifications

- Operating temperature range: +5 ... +50 °C
- Storage temperature range: -40 ... +65 °C
- Humidity: 15 ... 80 %RH (no condensation)
- Safety standards: EN60950, EN60825
- EMC standards: EN55022, EN55024

## Power

- Power input: DC 5V 1.5A / 12V 2A
- Power consumption: max. 28 W

## Product dimensions

- Product dimensions (W x H x D):  
14.82 x 4.2 x 17 cm
- Weight: 0.75 kg

## Packaging dimensions

- Packaging dimensions (W x H x D):  
22.6 x 20 x 10.7 cm
- Gross weight: 1 kg
- Nett weight: 0.85 kg
- Tare weight: 0.15 kg
- EAN: 87 12581 46628 2
- Number of products included: 1
- Packaging type: Carton

## Outer Carton

- Outer carton (L x W x H): 51.2 x 47.2 x 23.4 cm
- Gross weight: 10.8 kg
- Nett weight: 8.5 kg
- Tare weight: 2.3 kg
- EAN: 87 12581 46629 9
- Number of consumer packagings: 10

# Highlights

## All CD - DVD formats supported

This drive supports CD-ROM, CD-R(W), DVD-ROM, DVD+R(W), DVD-R(W), DVD+R DL, DVD-R DL and DVD-RAM formats. Never worry again about which discs are suitable for your drive!

## DVD-RAM

The DVD-RAM format is supported, which makes this product a true MultiRecording drive supporting all CD and DVD formats.

## 22x writing speed

With the latest technology this drive reaches maximum 22x writing speed. This creates the fastest drive in the world while stability is assured.

## 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

## 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

## Plug & Play

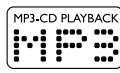
Plug & Play gives you the ability to install or add a new component and have it work without having to perform any complex installation procedure or technical analysis.

## Multi language manual

By using the multi language manual your are guided through the installation process in your own language.

## Extensive Software Package

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



Issue date 2014-02-07

Version: 2.1.2

12 NC: 8670 000 49859  
EAN: 87 12581 46628 2

© 2014 Koninklijke Philips N.V.  
All Rights reserved.

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

[www.philips.com](http://www.philips.com)