



Philips  
Internal Drive

**DVD**  
20x ReWriter

**SPD2514BM**

## Multi SATA drive

The Philips internal DVD RW 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.

### **Witness the latest technology**

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

### **Superior Performance**

- 8x writing on DVD+R DL
- 8.5 GB storage capacity on a single-sided double-layer disc
- Amazing 20x writing speed

### **Convenience**

- Plug & Play for easier installation
- Dual Format

### **Extreme Reliability and Robustness**

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

**PHILIPS**  
sense and simplicity

# Specifications

## Writing Speed

- DVD+R: 20X (24300KB/sec) by CAV
- DVD-R: 20X (24300KB/sec) by CAV
- DVD+R DL: 8X (10800KB/sec) by Z-CLV
- DVD-R DL: 8X (10800KB/sec) by Z-CLV
- CD-R: 48X (7200KB/sec) by CAV
- DVD-RAM: 12X (16200KB/sec) by PCAV

## Rewriting Speed

- DVD+RW: 8X (10800KB/sec) by CLV
- DVD-RW: 6X (8100KB/sec) by CLV
- CD-RW: 32X (4800KB/sec) by CAV

## Reading Speed

- DVD-ROM: 16X (21600KB/sec) by CAV
- CD-R: 48X (7200KB/sec) by CAV
- DVD-RAM: 12X (16200KB/sec) by PCAV
- Access time: 140
- Buffer size: 2MB

## Connectivity

- Interface: SATA
- Other connections: 12 V DC in, Analog audio Left/Right out, DC power connector, Digital audio out, IDE interface connector, Master/Slave select jumper

## Convenience

- Ease of Installation: Plug & Play

## System Requirements

- Hard disk space: 650MB
- PC OS: Windows® Vista, XP, 2000 SP4, ME, NT, 98 SE
- Processor: Pentium 4 1.3GHz or Higher CPU
- RAM memory: 128MB

## Technical specifications

- Humidity: 20 - 80 %RH (no condensation)
- Operating temperature range: 5 - 50 °C
- Storage temperature range: -40 - 80 °C
- Safety standards: EN60950, EN60825, UL1950
- EMC standards: EN55022, EMS55024, FCC Part 15

## Packaging dimensions

- EAN: 87 12581 34873 1
- Number of products included: 1
- Packaging type: Carton
- Packaging dimensions (W x H x D): 17 x 14.8 x 4.2 cm
- Gross weight: 0.86 kg
- Nett weight: 0.74 kg
- Tare weight: 0.12 kg

## Outer Carton

- EAN: 87 12581 34874 8
- Number of consumer packagings: 10
- Gross weight: 9.1 kg
- Outer carton (L x W x H): 38 x 32 x 24 cm
- Nett weight: 7.4 kg
- Tare weight: 1.7 kg

# Highlights

## Dynamic Calibration

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

## Dual format writer on +/- DL

New drive enabling writing on both +R and -R 8.5 GB double layer media

## 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.

## Seamless Link

Seamless Link prevents loss of discs caused by writing errors

## 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

## DVD-RAM

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

## 20x writing speed

With the latest technology this drive reached maximum 20x writing speed. This creates the fastest drive in the world with speed and stability.



Issue date 2009-11-06

Version: 1.0.3

12 NC: 8670 000 31943  
EAN: 87 12581 34873 1

© 2009 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](http://www.philips.com)