



Philips  
Internal Drive

**internal**  
20x ReWriter

**SPD2513BM**

## Multi SATA drive

The name to trust for reliability&compatibility

The Philips SATA 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 (24000KB/sec) maximum by CAV
- DVD-R: 20x (24000KB/sec) maximum 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: 24x (3600KB/sec) maximum by Z-CTV in Ultraspeed disc

## 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

## Convenience

- Ease of Installation: Plug & Play

## System Requirements

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

## Dimensions

- Product dimensions (WxDxH): 148 x 170 x 42 mm
- Product weight: 0.75 kg

## 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 Data

- EAN/UPC/GTIN: 6 09585 141162
- Gross weight: .725 kg
- Height: 42 mm
- Length: 170 mm
- Width: 148 mm
- 12NC: 867000033109

## Inner Carton

- 12NC: 8670 000 33109
- Gross weight: 0.725 kg
- Height: 42 mm
- Length: 170 mm
- Width: 148 mm
- Quantity: 1
- EAN/UPC/GTIN: 609585141162

## Outer Carton

- Gross weight: 8.3 kg
- Length: 378 mm
- Width: 317 mm
- Height: 240 mm
- Quantity: 10
- 12NC: 867000033109
- EAN/UPC/GTIN: 609585141179

## Outer Carton 2

- EAN/UPC/GTIN: 6 09585 141186
- Quantity: 480

# 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.



Issue date 2009-11-06

Version: 1.0.4

12 NC: 8670 000 33109  
UPC: 6 09585 14116 2

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