



Philips
Internal Bulk Drive

DVD
20x ReWriter

SPD2413BM



DVD, RAM and CD in One

The name to trust for reliability&compatibility

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 enlarging your storage capacity

Superior Performance

- 8x writing on DVD+R DL
- Amazing 20x writing speed

Extreme Reliability and Robustness

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

Convenience

- Step by step manual in 10 languages
- Dual Format

PHILIPS

sense and simplicity

Internal Bulk Drive
DVD 20x ReWriter

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:** 4x (5400KB/sec) by CLV
- **CD-R:** 48x (7200KB/sec) by CAV
- **DVD-RAM:** 12x (6750KB/sec) maximum by PCAV

Rewriting Speed

- **DVD+RW:** 8X (10800KB/sec) by CLV
- **CD-RW:** 24x (3600KB/sec) maximum by Z-CTV in Ultraspeed disc
- **DVD-RW:** 8X (10800KB/sec) by CLV

Reading Speed

- **DVD ROM:** 16x (21600KB/sec) maximum by CAV
- **CD-R:** 48X (7200KB/sec) by CAV
- **Buffer size:** 2MB
- **Access time:** 160ms
- **RAM:** 12x (6750KB/sec) maximum by PCAV

Connectivity

- **Interface:** IDE interface (ATAPI)
- **Other connections:** IDE interface connector, Master/Slave select jumper

Convenience

- **Ease of Use:** How to manual, step by step
- **Ease of Installation:** Plug & Play

Accessories

- **Included Accessories:** 4 mounting screws, CD-ROM with software + manual, User Manual

System Requirements

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

Dimensions

- **Product weight:** <0.9 kg
- **Product dimensions (WxDxH):** 146 x 170 x 42 mm

SPD2413BM/17

Product highlights

Multi language manual

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

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

DVD RAM

DVD RAM format supported which makes this drive a Multi drive supporting CD, DVD Rom, DVD RAM.

Power

- **Adaptor type:** DC 5V/12V
- **Power consumption:** 25 W

Technical specifications

- **Humidity:** 15 - 80 %RH (no condensation)
- **Operating temperature range:** 5 - 50 °C
- **Safety standards:** EN60950, EN60825,UL1950
- **EMC standards:** EN55022, EMS55024,FCC Part 15
- **Storage temperature range:** -40 - 65 °C
- **Access time:** DVD: <140msec (typical)

Packaging Data

- **Gross weight:** 0.9 kg
- **Height:** 107 mm
- **Length:** 260 mm
- **Width:** 210 mm
- **I2NC:** 867000032405
- **EAN/UPC/GTIN:** 609585139152

Inner Carton

- **Gross weight:** 1.2 kg
- **Height:** 107 mm
- **Length:** 210 mm
- **Quantity:** 1
- **Width:** 260 mm
- **I2NC:** 867000032405
- **EAN/UPC/GTIN:** 609585139152

Outer Carton

- **Quantity:** 10
- **Gross weight:** 2 kg
- **Height:** 230 mm
- **Length:** 270 mm
- **Width:** 230 mm
- **EAN/UPC/GTIN:** 609685139162

Outer Carton 2

- **Quantity:** 320

Software

- **Ahead Nero Suite 6:** InCD 4, Nero Burning Rom 6, Nero Vision express 2, EasyWrite Reader 4, Nero media Player 1



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Version: 1.0

I2 NC: 8670 000 32405
UPC: 6 09585 13915 2

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