



Philips  
Internal Drive

DVD  
18x ReWriter

SPD24 | BD



# 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

- 8.5GB storage capacity on a single sided double layer disc
- Double layer writer for +R and -R, DL media

## Superior Performance

- 8x writing on DVD+R DL
- 18x writing speed
- DVD RAM enlarging your storage capacity

## Extreme Reliability and Robustness

- Dynamic Calibration ensures writing quality at high speed
- Safe and reliable re-writing with Seamless Link
- Confidently play your DVDs on all drives and set-top devices

## Convenience

- Dual Format
- Plug & Play for easier installation

**PHILIPS**  
sense and simplicity

Internal Drive  
DVD 18x ReWriter

## Specifications

### Writing Speed

- **DVD+R:** 18x (21600KB/sec) maximum by CAV
- **DVD-R:** 18x (21600KB/sec) maximum by CAV
- **DVD+R DL:** 8x (5400KB/sec) by Z-CLV
- **DVD-R DL:** 8x (5400KB/sec) maximum 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) by CAV
- **DVD-RW:** 6X (8100KB/sec) by CLV

### Reading Speed

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

### Connectivity

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

### Convenience

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

### Accessories

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

### System Requirements

- **Hard disk space:** 650MB
- **PC OS:** Windows® XP, 2000 SP4
- **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

### 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

### Packaging Data

- **12NC:** 90821 000831 3
- **EAN/UPC/GTIN:** 87 10895 97082 2
- **Gross weight:** 0.9 kg
- **Height:** 107 mm
- **Length:** 260 mm
- **Width:** 210 mm

### Inner Carton

- **EAN/UPC/GTIN:** 87 10895 97082 2
- **Gross weight:** 1.2 kg
- **Height:** 107 mm
- **Length:** 210 mm
- **Quantity:** 1
- **Width:** 260 mm

### Outer Carton

- **EAN/UPC/GTIN:** 87 10895 97082 2
- **Quantity:** 2
- **Gross weight:** 2 kg
- **Height:** 230 mm
- **Length:** 270 mm
- **Width:** 230 mm

### Outer Carton 2

- **EAN/UPC/GTIN:** 87 12581 30705 9
- **Quantity:** 128

### Software

- **Ahead Nero Suite 6:** InCD 4, Nero Burning Rom 6, Nero Vision express 2

## Product highlights

### 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

### 18x writing speed

With the latest technology this drive reached maximum 18x writing speed. This creates the fastest drive in the world with speed and stability.

### 8.5GB storage capacity

Single sided double layer disc with 8.5 GB storage capacity

### Dual format writer on +/- DL

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

### DVD RAM

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



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Version: 4.0

12 NC: 8670 000 28774  
EAN: 87 12581 32768 2

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