

Philips  
Internal Drive, SATA

DVD  
20x  
ReWriter

SPD6104BD



## No more worrying about disc formats...

### Optical storage you can rely on

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.

#### **Superior Performance**

- 8.5 GB storage capacity on a single-sided double-layer disc
- Amazing 20x writing speed

#### **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

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

## Writing Speed

- DVD+R: 20x (24000KB/sec) maximum by CAV
- DVD-R: 20x (24000KB/sec) maximum by CAV
- DVD-RAM: 12x (6750KB/sec) maximum by PCAV
- DVD+R DL: 8x (10800KB/sec) by Z-CLV
- DVD-R DL: 4x (5400KB/sec) by CLV
- CD-R: 48x (7200KB/sec) by CAV

## Rewriting Speed

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

## Connectivity

- Interface: SATA interface

## Convenience

- Ease of Installation: Plug & Play
- Languages in manual: 10

## 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 1.3GHz or Higher CPU
- RAM memory: 128MB
- 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 1.5A
- Power consumption: max. 25 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 35895 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 35899 0
- 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.

## 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.

## 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.



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