



# Philips Update Information and Media List

Type:	PBDV1628B/00 PBDV1628G/00	(Black) (Grey)	→ Drive type number on label.
String:	DVDR1628P1		→ Drive name as seen in Windows <sup>™</sup>
From firmware:	Qx.x		
To firmware:	Q2.4		
Date:	19 July 2006		

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# 1. Version History

Initial release Q.1.1

- Released 1 June 2005
- Microsoft WHQL-ID for Windows XP 32-bit: 985199
- Microsoft WHQL-ID for Windows XP 64-bit: 985298

Changes from Q1.1 to Q2.2

- Released 28 September 2005
- Added SolidBurn™ technology when writing on DVD+R and DVD-R. SolidBurn™ determines the best writing strategy for DVD+R and DVD-R media automatically and maximizes the recording speed on these media. More info can be found in a separate document (Philips introduces Solidburn.pdf).
- When SolidBurn™ is used during writing, the LED will flash faster than normal.



- Microsoft WHQL-ID for Windows XP 32-bit and 64-bit: 1030114.

Changes from Q2.2 to Q2.3

- Released 1 March 2006
- Improved SolidBurn algorithm.
- Improved writing quality on DVD+RW 8x discs.

Changes from Q2.3 to Q2.4

- Released 19 July 2006.
- Improved writing quality on DVD+R Double Layer and DVD+RW discs.

## 2. Nero software update

We advise to have your Nero software also up to date:

1

Start the Nero StartSmart



2

Choose the Nero Productcenter (A).

Click on the "Check Now" button (B).

Install the latest available versions by clicking on the green arrows (C).



3

We advise to restart your computer after updating.

## 3. More information

More information and some Frequently Asked Questions can be found on our website:

<http://www.philips.com/storageupdates>

## 4. Supported DVD media lists

The ADIP code (for "+" media) and the Pre Recorded Info in Lead In code (for "-" media) do indicate the manufacturer of the disc. This code will allow the drive to recognize the disc and with this information the drive will choose the best possible write strategy so that the discs are written in the best possible way.

This information can easily be obtained using e.g DVD Identifier (download from <http://dvd.identifier.cdfreaks.com/>). Please note that this is 3<sup>rd</sup> party software for which Philips can not take any responsibility.

Please also note that Philips can not guarantee that discs which are not in the list are well written.

### 4.1. Supported DVD+R discs



#### DVD+R 4x discs

AML 001  
BeAll000P40  
CMC MAG F01  
DT-D02 02  
GSC502 003  
INFODISC R10  
ISO1 001  
MAXELL 001  
MBIPG101 R03  
MCC 002  
MPOMEDIA 040  
MUST 002  
OPTODISC 0R4  
POMSC001 002  
PRODISC R02  
RICOHJPN R01  
RITEK R02  
RITEK M02  
TDK 001  
YUDEN000 T01

#### DVD+R 8x discs

AML 002  
CMC MAG E01  
DAXON AZ2  
DDDessau V30  
DT-D03 004  
GSC503 H01  
IMC JPN R01  
INFODISC R20  
INFOME R20  
IS02 001  
LD S03  
MAM M02  
MAXELL 002  
MBIPG101 R04  
MJC 003  
MICRON 001  
MCC 003  
MPOMEDIA 080  
MUST 002  
NANYA CHX  
NANYA CLX  
OPTODISC 0R8  
PHILIPS C08  
PHILIPS 081  
Plasmon1 c01  
POS R01  
PRODISC R03  
RICOHJPN R02  
RITEK R03

SAST D01  
SONY D11  
SKC P80  
SKYMEDIA R03  
TDK 002  
ULTRAN 202  
VANGUARD 001  
VDSPMSAB 001  
VIVA 002  
WFK A11 211  
YUDEN000 T02

#### DVD+R 16x discs

AML 003 (written at 12x)  
BeAll PG0  
CMC MAG M01  
DAXON AZ3  
DAXON CY3  
DIGVAL R01 (written at 12x)  
FTI 016  
GSC503 H01  
INFOME R30  
LD S04  
LGEP 001  
MAM M04 (written at 12x)  
MAXELL 003  
MBIPG101 R05  
MCC 004  
MJC 005  
MUST 006  
NSD R40 (written at 12x)  
OPTODISC R16  
PHILIPS C16  
Plasmon2 C01  
POS R05  
PRODISC R04 (written at 12x)  
PRODISC R05  
RICOHJPN R03  
RITEK R04  
RITEK R05  
RITEK P16  
RITEK F16  
SAST A01  
SONY D21  
TDK 003  
YUDEN000 T03

## 4.2. Supported DVD+R Double Layer discs



#### DVD+R Double Layer 2,4x discs

CMC MAG D01  
MKM 001 (written at 8x)  
PHILIPS CD2  
RITEK D01

#### DVD+R Double Layer 8x discs

CMC MAG D02  
RITEK D03  
RITEK S04

### 4.3. Supported DVD+RW discs



DVD+RW 2,4x discs

INFODISC A01  
MBIPG101 W03

DVD+RW 4x discs

CMC MAG W02  
DAXON D42  
INFODISC A10  
OPTODISC 0P4  
PHILIPS 041  
RICOHJPN W11  
RITEK 004

DVD+RW 8x discs

MKM A03  
RITEK 008  
RICOHJPN W21

## 4.4. Supported DVD-R discs



Please note that 1x DVD-R discs are not supported.

### DVD-R 4x discs

AML  
BeAll G40001  
CMC MAG. AF1  
DATA TRACK  
Dvsn A001  
GSC002  
INFODISC-R01  
MAM4Xg02  
MBI 01RG20  
MCC 01RG20  
MUST 001  
MXL RG02  
NANYA-JC001  
ONIDTECH  
OPTODISCR004  
POSG04  
PRINCO  
ProdiscS03  
RITEKM02  
SONY04D1  
TAROKO-MX4  
TTG01  
TYG01  
WINGSHING04

### DVD-R 8x discs

BeAll G80001  
CMC MAG. AE1 (can be written at 12x)  
DAXON008S  
Dvsn-80  
FUJIFILM03  
GSC003  
INFOMEDIAR20  
INFODISC-R20  
LGE08  
LEADDATA S03  
MUST003  
MXL RG03  
OPTODISCR008  
PLASMON1A  
ProdiscS04  
ProdiscF01  
SONY08D1 (can be written at 16x)  
TTH01 (can be written at 12x)  
TYG02 (can be written at 12x)  
VDSPMSAB 02  
WINGSHING08

### DVD-R 16x discs

BeAll G16001  
CMC MAG. AM3  
DAXON016  
DAXON016S  
FUJIFILM04  
FTI RG16  
GSC005  
LEADDATA S04  
LGE16  
MBI 03RG40  
MBI 01RG40 (written at 12x)  
MCC 03RG20

MXL RG04  
MUST 007  
NANYA F02  
NSD R40 (written at 8x)  
Plasmon (written at 8x)  
POSG08 (written at 12x)  
ProdiscF02  
ProdiscS05  
OPTODISCR016  
RITEK F1  
SONY16D1  
TTH02  
TYG03

#### 4.5. Supported DVD-R Dual Layer discs



DVD-R Dual Layer 4x discs

CMC MAG.AD4  
MKM 01RG30  
RITEKP01

#### 4.6. Supported DVD-RW discs



Please note that 1x DVD-RW discs are not supported.

DVD-RW 2x discs (written at 2,4x)

CMCW02  
DAXON\_RW2X01  
INFODISC  
JVC/VictorT7  
JVC\_VictorW7  
MCC 01RW11n9  
OPTODISCW002  
RITEKW01  
TDK502sakuM3

DVD-RW 4x discs

CMCW03  
JVC0VictorD7  
MBI01RWG20  
MCC 01RW4x  
OPTODISCW004  
PRODISCW06  
RITEK W04

DVD-RW 6x discs

CMCW04  
JVC1Victord7  
RITEKW06