



Philips Upgrade Information and Media List

Type:	PBDV1628B/00 PBDV1628G/00	(Black) (Grey)	→ Drive type number on label.
String:	DVDR1628P1		→ Drive name as seen in Windows [™]
From firmware:	Qx.x		
Firmware:	Q2.3		
Date:	1 March 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 then 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.

2. 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 3rd 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.

2.1. 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

2.2. 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

2.3. 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

2.4. 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

2.5. Supported DVD-R Dual Layer discs



DVD-R Dual Layer 4x discs

CMC MAG.AD4
MKM 01RG30
RITEKP01

2.6. 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