



Philips Update Information

Type:	SPD7000BD/00 SPD7000BD/17	→ Drive type number on label.
String:	SPD7000P	→ Drive name as seen in Windows TM
From firmware:	BPBK, BPCJ	
To firmware:	BPBM	
Date:	14 January 2008	

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1. Version History

Initial release

- Released on 30 November 2006.

Changes from BPBK to BPCJ

- Released on 6 February 2007.
- Improved writing quality on several DVD discs.
- Smaller changes for Microsoft Vista Compatibility.

Changes from BPCJ to BPBM

- Released on 14 January 2008.
- Added writing on BD-R DL, Blu-ray Recordable Dual Layer (50GB) discs at 1x.
- Improved writing quality on BD-R from TDK.
- Improved writing quality on CD-R from Ritek and Daxon.
- Solved a possible hang situation in Microsoft Vista when a blank BD-RE from Panasonic was in the drive.
- Some stability improvements.

2. Limitations

Following chipsets are supported:

Integrated on motherboard

Intel ICH 6

Intel ICH 7

Intel ICH 8

nVidia nForce 4

On a PCI Add-On Card:

Silicon Image S-ATA Raid SiI3114

Silicon Image S-ATA Raid SiI3124

When used on a PC equipped with a non listed chipset, not all functions of the drive may work as expected. Especially updating the drive with a new firmware might not work.

3. More information

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

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

4. Supported media lists

The ADIP code (for "+" media), the Pre Recorded Info in Lead In code (for "-" media) or the Disc Identifier (for Blu-ray) 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.

4.1. Supported BD-R discs



BD-R 2x discs

MEI000T01
PHILIPR01
RITEK
SONY00NS1
TDKBLDRBA
VERBATIMa

4.2. Supported BD-R Dual Layer discs



BD-R DL 1x discs

MEI000T01
TDKBLDRFA

4.3. Supported BD-RE discs



BD-RE 2x discs

MEI000T01
PHILIPW02
SONY00ES1
TDKBLDWFA
VERBATIM000

4.4. Supported DVD+R discs



DVD+R 4x discs

MAXELL 001
RITEK R02

DVD+R 8x discs

CMC MAG E01
DAXON AZ2
INFOME R20
LD S03
MAXELL 002
MBIPG101 R04
MCC 003
OPTODISC 0R8
PRODISC R03
RICOHJPN R02
RITEK R03
SONY D11
TDK 002
YUDEN000 T02

DVD+R 16x discs (all written at 12x maximum)

CMC MAG M01
DAXON AZ3
FTI 016
INFOME R30
LD S04
LGEP 001
MAXELL 003
MBIPG101 R05
MCC 004
OPTODISC R16
PRODISC R04
PRODISC R05
RICOHJPN R03
RITEK R05
RITEK P16
RITEK F16
SONY D21
TDK 003
YUDEN000 T03

4.5. Supported DVD+R Double Layer discs



DVD+R Double Layer 2,4x discs

MKM 001
RITEK D01

DVD+R Double Layer 8x discs

MKM 003
RITEK D03
FUJIFILM FR1
RICOHJPN D01

4.6. Supported DVD+RW discs



DVD+RW 2,4x discs

INFODISC A01

DVD+RW 4x discs

DAXON D42
INFODISC A10
MBIPG101 W04
MKM A02
OPTODISC OP4
PHILIPS 041
PRODISC W02
RICOHJPN W11
RITEK 004

DVD+RW 8x discs

MKM A03
PHILIPS RW8
RITEK 008
INFOME A20
RICOHJPN W21

4.7. Supported DVD-R discs



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

DVD-R 4x discs

MXL RG02
RITEKG02
TYG01

DVD-R 8x discs

CMC MAG. AE1
DAXON008S
FUJIFILM03
INFOMEDIAR20
LEADDATA S03
LGE08
MCC 02RG20
MXL RG03
OPTODISCR008
ProdiscS04
ProdiscF01
SONY08D1
TTH01
TTG02
TYG02

DVD-R 16x discs (all written at 12x maximum)

CMC MAG. AM3
DAXON016S
FTI RG16
GSC005
INFOME R30
LEADDATA S04
LGE16
MBI 01RG40
MBI 03RG40
MCC 03RG20
MXL RG04
OPTODISC R016
POSG08
ProdiscF02
ProdiscS05
RITEK M16
RITEK F1
SONY16D1
TTH02
TYG03

4.8. Supported DVD-RW discs



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

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

MCC 01RW11n9

DVD-RW 4x discs

CMCW03
INFOMEDIA A20
JVC0Victord7
MBI01RWG20
MCC 01RW4x
OPTODISCW004
PRODISCW06
RITEK W04
TDK601saku

DVD-RW 6x discs

JVC1Victord7
MKM 01RW6X01
RITEKW06