Philips Consumer Electronics

Philips Firmware Upgrade Information

Upgrade for type:	DVDRW228K/00	→ Drive type number on label.
Upgrade for string:	DVDRW228	→ Drive name as seen in Windows ™
From firmware:	1.xx	
To new firmware:	1.72	
Date:	2nd February 2005	

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Warning:
Please close all running software application and eject any discs from the drive you want to upgrade.
Philips does not and can not warrant the performance of/the results you may obtain using this software.
At no time, Philips can held liable for any damages including (but not limited to) lost profits or consequentional damages or for any claim by any other party.
Do not try to upgrade other then foreseen drives.

v08

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1. Version History

Changes from firmware 1.06 to 1.13

- Improved writing quality on DVD+R.
- Possible mounting issue in CDR and CDRW solved.

Changes from firmware 1.13 to 1.15

- Read capacity on CDR problem fixed.
- Possible hang on DVD+RW solved.
- Improved playability of scratched DVD's.

Changes from firmware 1.15 to 1.17

- Improved playability of scratched DVD's.
- Digital Audio Extraction (DAE) of scratched Audio CD's improved.

Changes from firmware 1.17 to 1.26

- Last written address changed on DVD+RW.
- Improved playability of Audio CD's.
- Improved reading stability on CD.
- Improved writing quality on DVD+R.

Changes from firm ware 1.26 to 1.27

- Improved read performance on DVD-ROM's.

Changes from firmware 1.27 to 1.29

- Minor improvement on reading DVD -ROM.

Changes from firmware 1.29 to 1.30

- Solved possible autolaunch problem of DVD's with WinDVD.
- Improved mounting of CD-RW's.

Changes from firmware 1.30 to 1.31

- Improved mounting of Open Session DVD+R's.

Changes from firmware 1.31 to 1.32

- Solved a rare boot problem on some PC's.

Changes from firmware 1.32 to 1.34

- Improved reading of DVD-RW discs.
- Improved writing quality on Hi-Speed CD-RW from Mitsubishi (973423)
- Improved writing quality on DVD+R and DVD+RW from CMC
- Improved writing quality on DVD+R from Ritek.

Changes from firmware 1.34 to 1.36

- Improved writing quality on DVD+R.

Changes from firmware 1.36 to 1.38

- Improved writing quality on 32x CD-R from Ricoh.
- Improved writing quality on DVD+R from Ritek.

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Changes from firmware 1.38 to 1.51

- Improved writing quality on 4x DVD+R media from Mitsubishi (MCC) and Ricoh.
- Improved writing quality on Hi-Speed CD-RW from CMC and Acer.

Changes from firmware 1.51 to 1.62

- Improved writing quality on DVD+R.
- Improved writing quality on DVD+RW.

Changes from firmware 1.62 to 1.64

- Improved writing quality on 4x DVD+R's from Sony, Maxell and TDK

Changes from firmware 1.64 to 1.68

- Improved writing quality on 8x DVD+R's from Ricoh, MKM (Mitsubishi MCC), Sony, TDK, Philips and Ritek.
- Improved writing quality on unknown DVD+R media.

Changes from firmware 1.68 to 1.72

- Improved writing quality on 8x DVD+R's from Ricoh, Ritek, Prodisc and Maxell.

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