

HP SureStore CD- Writer Plus User's Guide



Hewlett-Packard Company, 800 S. Taft Ave., Loveland, CO 80537

C4415-XXXX

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English-1

English-2

Product Certifications

UL, cUL, TÜV, CE, C-Tick, meets or exceeds FCC Class B Requirements
Laser: CDRH

Laser Safety

This unit employs a laser. Do not remove the cover or attempt to service this device when connected due to the possibility of eye damage.

Laser-Sicherheit

In das Gerät ist ein Laser eingebaut. Nehmen Sie die Abdeckung nicht ab und versuchen Sie nicht, das Gerät zu reparieren, solange es angeschlossen ist. Es besteht die Gefahr einer Augenverletzung.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser radiation exposure.

WARNUNG

Die Vornahme von Regelungen oder Einstellungen oder die Durchführung von Verfahren, die nicht in diesem Dokument angegeben sind, kann eine gefährliche Einwirkung von Laserstrahlung zur Folge haben.

Class 1 Laser Product

Klass 1 Laserapparat

Luokan 1 Laserlaite

Klasse 1 Laser-Produkt

DANGER: INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM.
DANGER: RADIATIONS INVISIBLES DU LASER EN CAS D'OUVERTURE. EVITER TOUT EXPOSITION DIRECTE AU FAISCEAU.

VORSICHT: UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET. NICHT DEM STRAHL AUSSETZEN.

ADVARSEL: USYNLIG LASERSTRÅLING VED ÅBNING. UNDGÅ UDS/ETTELSE FOR STRÅLING.
ADVARSEL: USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES. UNNGÅ EKSPONERING FOR STRÅLEN.

VARNING: OSYNLIG LASERSTRÅLNING NÅR DENNA DEL ÄR ÖPPNAD. STRÅLEN ÄR FARLIG.
VARO! NÄKYMÄTÖN AVATTAESSA OLET ALTTIINA LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEN.

Laser

Type: Semiconductor laser GaAlAs
Wave length: 778~787 nm (at 25°C)
Output power: 2.5 mW (read), 35 mW (write)
Beam divergence: 60 degrees

Notice

Europe: This drive shall be installed only with an EN60950 (IEC950) approved power supply.

USA/Canada: This drive is for use only with IBM compatible UL listed personal computers, weighing less than 18 kg.

Federal Communications Commission R.F. Interference Statement

WARNING: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications to this equipment not expressly approved by Hewlett-Packard could result in violation of Part 15 of the FCC rules.

DECLARATION OF CONFORMITY according to ISO/IEC Guide 22 and EN 45014	
Manufacturer's Name:	Hewlett-Packard Company Colorado Personal Storage Solutions Division
Manufacturer's Address:	800 S. Taft Ave. Loveland, Colorado 80537
declares that the product:	
Product Name:	HP SureStore CD-Writer Plus 8200i, 8210i, 7500i, 7510i
Product Number:	C-4415A, C4411A, C4414A, C4410A
Product Options:	All
conforms to the following Product Specifications:	
Safety:	EN60950 A4:1995 EN60825-1:1994
EMC:	CISPR 22:1993/EN 55022:1994 Class B EN 50082-1:1992 IEC 801-2:1991 - 4kV CD, 8kV AD IEC 801-3:1984 - 3V/m IEC 801-4:1988 1kV Power Lines 0.5kV Signal Lines ENV 50140:1993 - 3V/m FCC Part 15 Class B AS/NZS 3548: 1995 IEC 555-2
Supplementary Information	
The product herewith complies with the requirements of the EMC Directive 89/336/EEC and carries the "CE" mark accordingly.	
November 2, 1998	Todd Hammel, Manufacturing Manager
European contact: Your local Hewlett-Packard Sales and Service Office or Hewlett-Packard GmbH, Department HQ-TRE, Herrenberger Straße 130, D-71034 Böblingen (FAX: +49-7031-143143).	

English-4

FCC Declaration of Conformity

According to 47CFR, Parts 2 and 15, Class B Computer Peripherals:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference (2) this device must accept any interference received including interference that may cause undesired operations. This applies to all product options.

Hewlett-Packard Company
Colorado Memory Systems Division
800 S. Taft Ave.
Loveland, Colorado 80537
USA
Telephone 970-635-1500

November 2, 1998
Todd Hammel, Manufacturing Manager

Canadian Standards Association Information Statement

INSTRUCTION TO USER:

WARNING: This component is only considered to be approved when installed in CSA certified equipment evaluated to the standards C22.2 No. 220-M1986 or C22.2 No. 950-M89. The operator accessibility into the end use enclosure is defined with strict accordance in the operator's manual for the installation of components into the equipment.

BAPT Statement

Diese Ausrüstung erfüllt die Europäischen EMC-Bestimmungen für die Verwendung in folgender / folgenden Umgebung(en):

- Wohngegenden
- Gewerbegebiete
- Leichtindustrialgebiete

(Diese Ausrüstung erfüllt die Bestimmungen der Norm EN55022, Klasse B.)

Korean RRL Statement

사용자 안내문 (B급 기기)

이 기기는 비업무용으로 전자파장해검정을 받은 기기로서, 주거지역은 물론 모든 지역에서 사용할 수 있습니다.

Copyright notice for Denmark:

VIGTIGT!

Copyright ved brug af CD-Writer 7500i, 7510i, 8200i, 8210i enheder solgt i Danmark

I henhold til gældende dansk lov om ophavsret er det forbudt at foretage digital kopiering af et digitalt værk. CD-RW brænderen må derfor IKKE anvendes til at kopiere en musik-CD. CD-RW brænderen må desuden kun benyttes til at kopiere et digitalt EDB-program, når en sådan kopiering tjener til at fremstille et sikkerhedseksemplar af programmet eller hvor kopiering er nødvendig, for at programmet kan anvendes efter dets formål. Hvis De selv har ophavsretten til værket, har De også retten til at foretage digital kopiering med CD-RW brænderen.

Installing CD-Writer Plus and Software

1. Insert the CD labeled Software Disc 1 into your CD-ROM drive (not the CD-Writer Plus drive). The main menu appears. If it does not appear automatically run SETUP from the installation disc.
2. Watch the installation video (about 6 minutes) by clicking on the **Watch Installation Video** icon.
3. Get installation recommendations using the Install Assistant that came on your installation disc.

Note: Install Assistant provides installation recommendations, but is not required for installation.

If you have a CD-ROM, go to the main software setup's menu and click on the **Install CD-Writer Plus** icon.



Install CD-Writer Plus icon

If your computer does not have a CD-ROM drive: Create an Install Assistant diskette from another computer's CD-ROM. To copy the Install Assistant program to a diskette, insert "Software Disc 1" into the other computer's CD-ROM drive. From the main menu, click **Browse this CD**. Double-click the **CopyDisk** folder and then double-click **Copydisk.exe**. Select the Install Assistant option and follow the instructions.

Insert the diskette you just made, into your computer's floppy drive and run A:\ASSIST.

4. Follow the instructions on the screen.

5. When the CD-Writer Plus Install Recommendation screen appears, click **Print**. Or, if you don't have a printer, copy the information by hand. You'll need this information in the next section.
6. If you are replacing the CD-ROM drive, remove Software Disc 1 from your CD-ROM drive.
7. After getting the Install Recommendation, you must shut down your computer when prompted, and turn off your computer, monitor, and connected devices. Unplug the power cords from power outlets.
8. Remove the cover from your computer.

9. Prepare the drive bay:

If you are installing the drive into an empty drive bay, remove the cover plate from a larger *half-height* drive bay (approx. 6" x 1.75"/15cm x 4.5 cm).

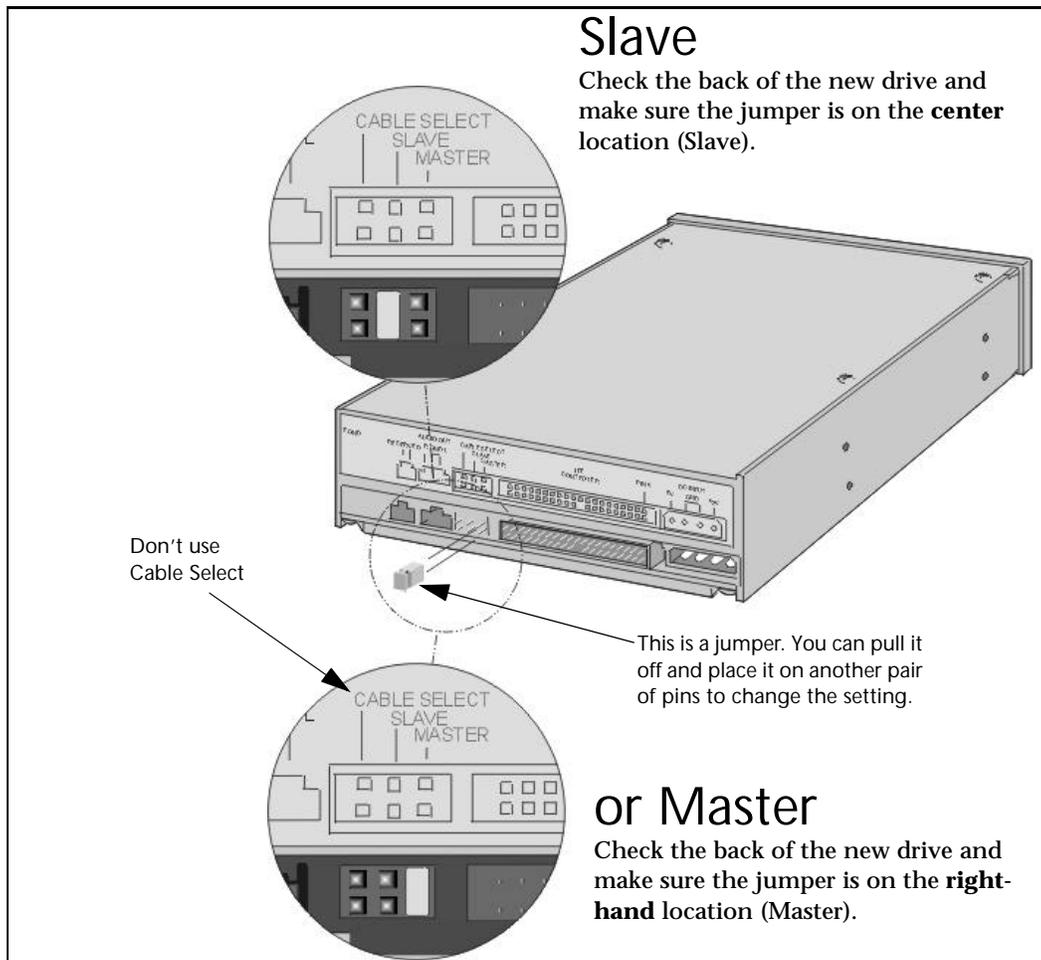
If you are replacing an existing CD-ROM drive, remove the drive. Take note of where the cables are attached and lay them aside to reconnect to the CD-Writer Plus. You will not need the data cable that came with your CD-Writer Plus. If an audio cable was connected to the drive you just removed, you can attach it to your CD-Writer Plus.

10. If the bay requires special rails or brackets to mount the CD-Writer, locate an extra set or contact your computer manufacturer to purchase necessary hardware.
11. Write the CD-Writer Plus' serial number in the space below. The serial number is on the main label on the top of the drive.

Serial number:	
---------------------------	--

12. Read the Install Recommendation you printed earlier to learn if the jumper on the CD-Writer Plus should be set as Master or Slave.
13. Find the pairs of pins labeled Master, Slave, and Cable Select on the back of the CD-Writer Plus. Notice that one pair of pins has a small plastic cap or jumper. This jumper can be pulled off using your fingers, tweezers, or needlenose pliers, and placed on a different pair of pins to change the setting.

14. Set the jumper on the CD-Writer Plus as advised in the Install Recommendation Printout for your computer.



15. Insert the drive into the selected drive bay. Be careful not to dislodge any cables inside your computer as you do this.

If you are replacing an existing CD-ROM, skip to step 19 on page 8.

16. **If you are installing in an empty drive bay**, look at the Install Recommendation Printout again and find whether the data cable should be connected to the computer's primary or secondary IDE controller.

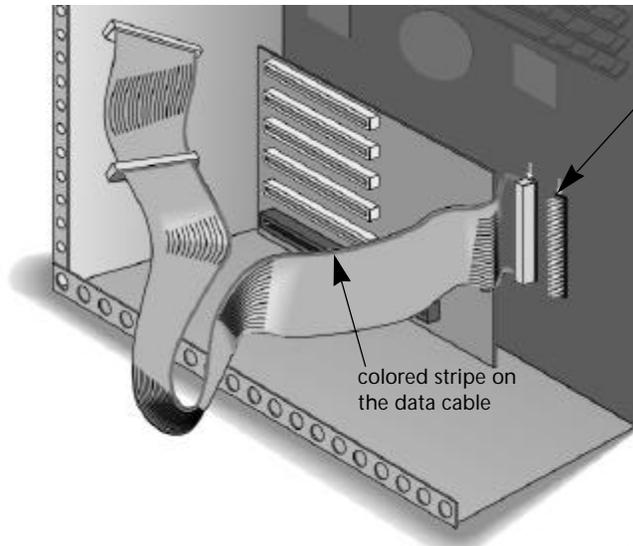
TIP: (For two devices connected to the data cable) If the Install Recommendation states that your CD-Writer Plus drive will share the data cable with another device (such as a CD-ROM drive), follow the cable already attached to the other device to the circuit board to locate the IDE controller that you need. If you find an extra connector along that cable, simply attach that connector to the CD-Writer Plus drive.

17. Locate the recommended 40-pin IDE controller connector (primary or secondary) on your computer's motherboard. IDE connectors are usually found in pairs and may be hidden by some of the computer's cables or may be behind a drive.

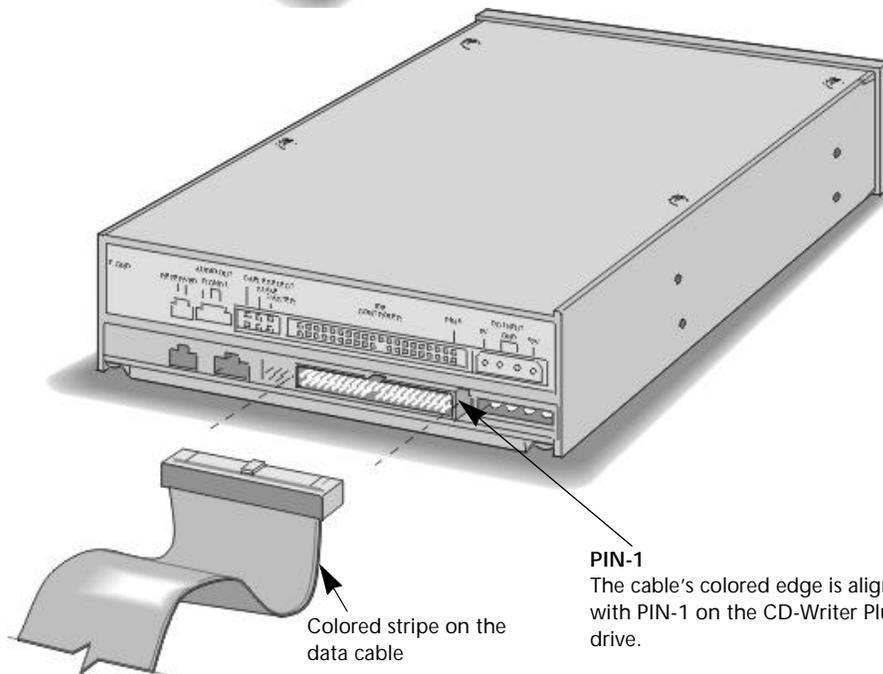
If your computer has an IDE hard drive or CD-ROM drive, you can follow the data cable from the back of one of those drives to find the IDE controller. IDE connectors may be labeled as any of the following: PRI and SEC, IDE-0 and IDE-1, IDE-1 and IDE-2, HD and CD-ROM, or PCI-IDE and ISA-IDE.

18. Refer to the Install Recommendation Printout to see if you will have one or two devices connected to the data cable. See page 10 for examples of one- and two-device installations.
19. Make the necessary data cable connections for your system.

Most data cable connectors are keyed to fit only one way. If your connector is not keyed, make sure the cable's colored edge is aligned with both PIN-1 on the CD-Writer Plus drive and PIN-1 on the IDE controller. If the cable is attached incorrectly, your computer may not boot up.



PIN-1
Look for a label identifying PIN-1 next to the IDE connector. The data cable's colored edge is aligned with PIN-1 of the IDE connector. This illustration shows a specific computer. Yours may look different. PIN-1 could be on either side of the IDE connector.

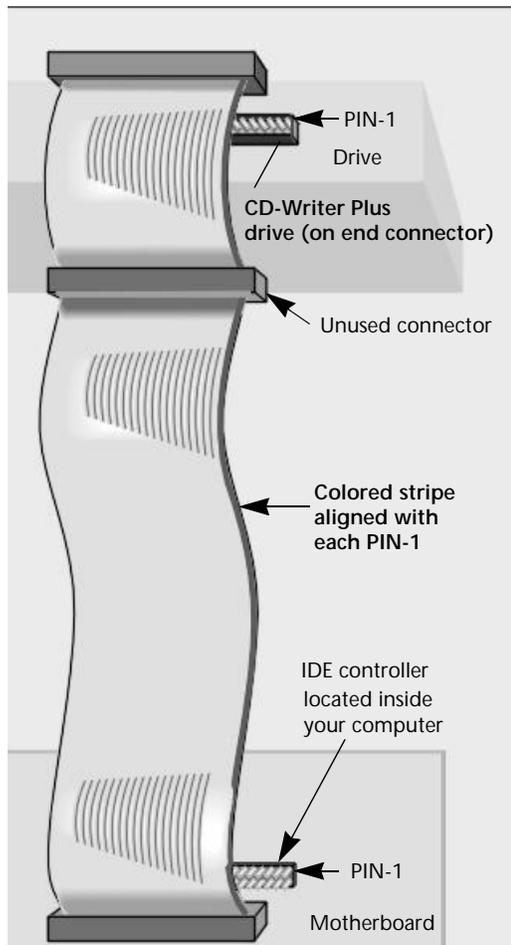


PIN-1
The cable's colored edge is aligned with PIN-1 on the CD-Writer Plus drive.

One Device

The OPTIONAL data cable that came with the CD-Writer Plus drive is *only* used if there is no cable already attached to the recommended IDE controller in your computer, or the cable supplied with your computer is not long enough.

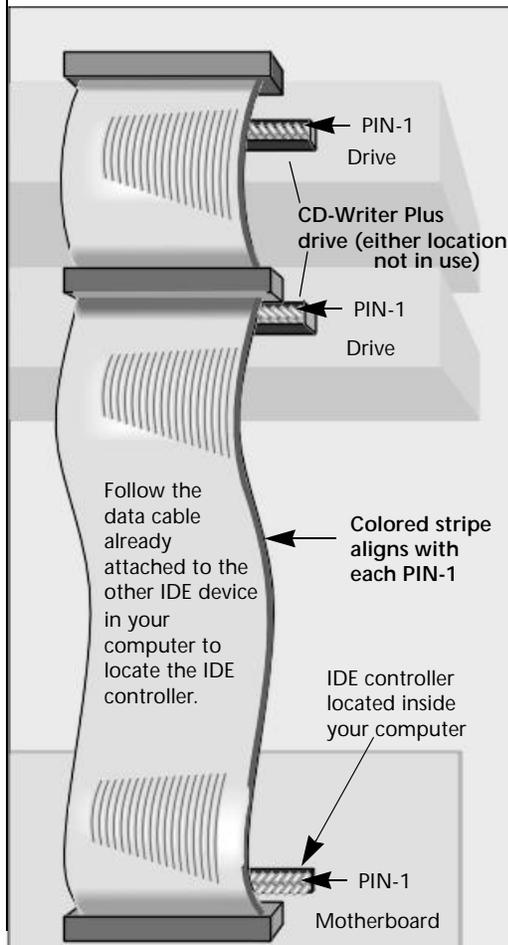
Use the connectors at the two ends of the cable.



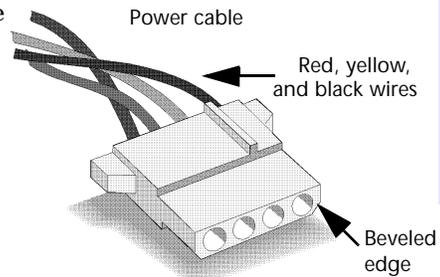
Two Devices

Attach the CD-Writer Plus to *whichever connector is not in use (center or end)* on the data cable already installed in your computer (*DO NOT swap connectors*).

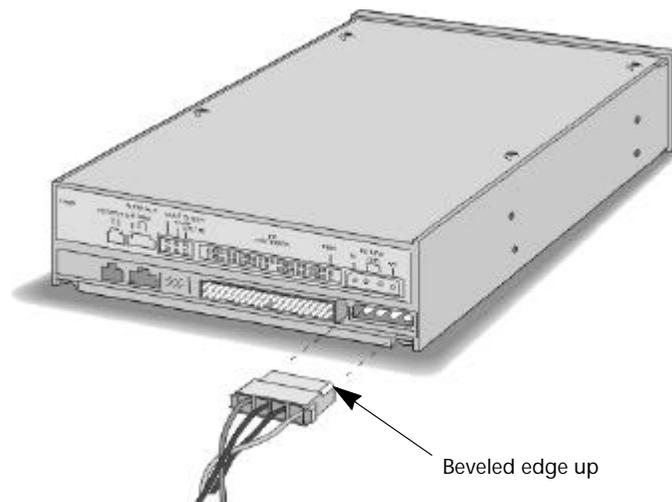
The OPTIONAL data cable that came with the CD-Writer Plus is *only* used if there is no spare connector for the CD-Writer Plus on your cable or your cable is not long enough.



20. Find an unused power cable inside your computer. There are a few unused power cables like the one shown inside most computers.



21. Plug the power cable into the back of the drive, with the beveled edge up.



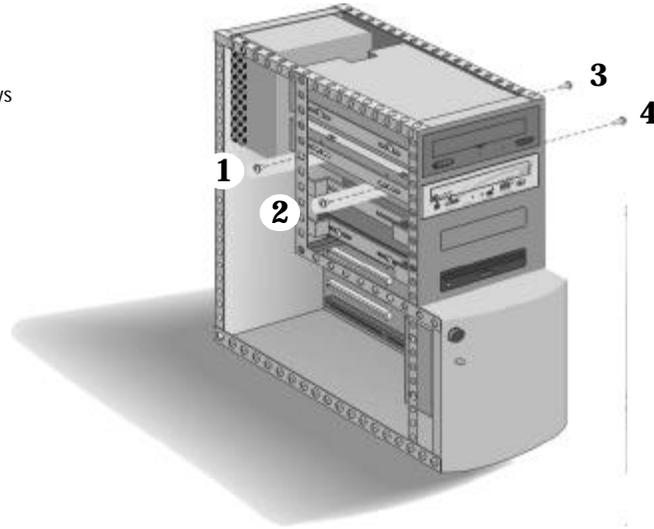
22. To listen to music through computer speakers, attach an audio cable with an MPC-2 connector. You do not need an audio cable to record music. The audio cable is used only for listening to music CDs through your computer's sound system. When the CD-Writer Plus drive records music or data, it uses the data cable, not the audio cable.

If your sound board already has the correct audio cable, plug the connector into the Audio Out opening on the back of the CD-Writer Plus.

23. Secure the drive into the bay, using the screws included with your drive or any M3x0.5x6mm metric screw. (Do not use a screw longer than 6 mm.)

If your computer uses rails or mounting brackets you may not need screws to secure the rails in the bay.

Use all four screws



24. Replace your computer's cover.
25. Plug your computer, monitor, and other devices into a wall outlet or power strip, and turn ON your computer.
26. Insert Disc 1 into either the CD-ROM drive or the CD-Writer Plus. The CD-Writer Plus software will make sure that it is communicating properly.
27. Software installation will automatically continue. Follow the instructions on the screen to install the software you want.

If You Have Problems

Read the Install Recommendation. (See page 5.)/

The Install Recommendation makes recommendations for installation.

Can't find the IDE controller in your computer?

Check your computer's manual or call the manufacturer for assistance.
DO NOT ATTACH THE CD-WRITER PLUS DRIVE TO A SOUND BOARD'S IDE CONTROLLER.

Now your computer won't boot.

- Turn your computer off and then back on.

- Turn off and unplug your computer. Double-check each connector on the data cable and power cables. Straighten bent pins. Make sure all pins are covered and the cable's colored stripe lines up with PIN-1 of each connector.
- If you changed the order of the data cable's connectors on an IDE device to make make room for your CD Writer, replace the connector that was originally on the device and attach the CD-Write to a free connector. The other device may be jumpered to Cable-select rather than Master or Slave. If this is true, the location of the data-cable connector (middle/end) is very important. Did you follow the Install Recommendation's instructions for determining the jumper setting on page 5?

The CD-Writer Plus drive doesn't show up in My Computer or Explorer.

- Restart your computer, or shut it down and then turn it on again.
- Is the CD-Writer Plus drive receiving power? (Test this by opening and closing the tray by pressing the drive's eject button.)
- Turn off and unplug your computer.
Double-check each connector along the data cable. Straighten any bent pins. Make all pins are covered and the cable's colored stripe lines up with PIN-1 of each connector.
- If you changed the order of the data cable's connectors on an IDE device to make make room for your CD Writer, replace the connector that was originally on the device and attach the CD-Write to a free connector. The other device may be jumpered to Cable-select rather than Master or Slave. If this is true, the location of the data-cable connector (middle/end) is very important. Did you follow the Install Recommendation's instructions for determining the jumper setting on page 5?

Not sure which drive letter was assigned to the CD-Writer Plus?

The CD-Writer Plus drive will have a drive icon just like a CD-ROM drive icon. You can determine the identity of a drive by double-clicking on the **My Computer** icon, right-clicking on the CD drive's icon, and selecting **Eject**. The tray of the selected drive will open.

The device that is sharing the IDE data cable with my CD-Writer Plus drive doesn't show up in Explorer or doesn't work any more.

- Turn off and unplug your computer.
- Make sure that the power cables are securely attached to both devices.
- If you changed the order of the data cable's connectors on an IDE device to make make room for your CD Writer, replace the connector that was originally on the device and attach the CD-Write to a free

connector. The other device may be jumpered to Cable-select rather than Master or Slave. If this is true, the location of the data-cable connector (middle/end) is very important. Did you follow the Install Recommendation's instructions for determining the jumper setting on page 5?

- For Sony and Goldstar CD-ROMs, try configuring the CD-Writer Plus as Master and the CD-ROM as Slave.

Error message when I double-click on the CD-Writer Plus icon.

- There is no CD in the CD-Writer Plus drive. Insert a CD and try again.
- After inserting a CD, wait until the light on the front of the drive stops flashing and stays green, then click on the CD-Writer Plus icon.
- The CD may be in the tray upside-down or a little off-center; try reinserting the CD. The label should be facing up.
- You are trying to read from a blank recordable CD. Try again after copying some information to the CD.

I already placed Software Disc 1 in the CD-Writer Plus, but it continues to prompt me to insert the CD.

- Make sure the jumper on the CD-Writer Plus is set as advised in the Install Recommendation Printout for your computer.
- Check the data cable and make sure the cable's colored edge is aligned with PIN-1 on the CD-Writer Plus drive.

Returning a Drive

If your Hewlett-Packard product requires repair or replacement, call the appropriate number for your country from the list beginning on page A-2 in Appendix A: Customer Support, to receive instructions.

Interchange Summary

The following table is a brief summary of which CD drives can read discs created with certain application/media combinations.

Application used to make a CD	Type of CD used	Drives that can read the CD
DirectCD	CD-RW	MultiRead CD-ROM with UDF reader Windows 95, 98, and NT 4.0
	CD-R (closed)	*Most CD-ROMs Windows 95, 98, and NT 4.0
CD Copier	CD-RW	MultiRead CD-ROM
	CD-R	Any CD-ROM
Easy-CD Creator (Audio)	CD-RW	MultiRead CD-ROM
	CD-R	Any CD-ROM, home or car CD player
Easy-CD Creator (Data)	CD-RW	MultiRead CD-ROM
	CD-R	Any CD-ROM

* Your CD-ROM drive must be capable of reading packet-written CDs. Most CD-ROM drives are packet tolerant. If you have problems, check your drive's documentation or consult the drive's manufacturer.

HP Customer Support

Your local reseller has the latest information regarding HP products and services. If your reseller is not able to help, you can obtain support from HP directly either through free 24-hours/day interactive electronic services or by telephone (free during warranty). To get help with the software that came with CD-Writer Plus, call the appropriate number listed below (free during warranty).

America Online Keyword: hpstor
CompuServe Go HPSYS

World Wide Web www.hp.com/isgsupport/cdplus
HPFirst Faxback Service Dial the fax number from a touch-tone phone or Group 3 fax machine and follow the voice prompts to select the index of available support and product information documents.

USA and Canada 800-368-9673 or 970-635-1510

E-mail SureStore_Support@hp.com

FTP Site ftp.hp.com
Login: anonymous
Password: (Your email address)
Directory: /pub/information_storage/surestore/cd-writer_plus

Telephone

USA (Support available 24 hours a day, 7 days a week)
Literature and dealer referral 970-635-1500

During warranty period
Technical support 970-635-1500

After warranty period (charges begin only when you connect to a Support Technician, prices are subject to change without notice)

Technical Support 800-810-0130
(Per incident fee of \$25 US dollars charged to Visa, MasterCard or American Express)

U.S. only Technical Support. 900-555-1800
(\$2.50 per minute/maximum of \$25. You must be 18 years of age or have parental permission to call 900 numbers.)

Use these Technical Support numbers during and after your warranty period. No charge for technical support during warranty period. Per incident charge after warranty period.

Canada (M-F, 8:00-20:00 Eastern Time)

Technical support in English and French 905-206-4663
Pour assistance en français et anglais 905-206-4663

Latin America

Argentina (M-F, 8:30-19:30) (54) (1) 787 8080
Brazil (M-F, 8:00-19:00) (55) (11) 829 6612
Chile (M-F, 8:30-18:30) (56) (2) 800 360999
Mexico (M-F, 8:30-18:30) (52) (5) 800 22 14700
..... (52) (5) 800 90 52900
Venezuela (M-F, 9:00-18:00) (58) (2) 207 8488

FAX USA 970-667-0997

Hewlett-Packard Limited Warranty Statement

HP SureStore CD-Writer Plus Drive

DURATION OF LIMITED WARRANTY Hardware - 1 year Software - 90 days

1. HP warrants to you, the end-user customer, that HP hardware, accessories and supplies will be free from defects in materials and workmanship after the date of purchase, for the period specified above. If HP receives notice of such defects during the warranty period, HP will, at its option, either repair or replace products which prove to be defective. Replacement products may be either new or like-new.

2. HP warrants to you that HP software will not fail to execute its programming instructions after the date of purchase, for the period specified above, due to defects in material and workmanship when properly installed and used. If HP receives notice of such defects during the warranty period, HP will replace software media which does not execute its programming instructions due to such defects.

3. HP does not warrant that the operation of HP products will be uninterrupted or error free. If HP is unable, within a reasonable time, to repair or replace any product to a condition as warranted, you will be entitled to a refund of the purchase price upon prompt return of the product.

4. HP products may contain remanufactured parts equivalent to new in performance or may have been subject to incidental use.

5. Warranty does not apply to defects resulting from (a) improper or inadequate maintenance or calibration, (b) software, interfacing, parts or supplies not supplied by HP, (c) unauthorized modification or misuse, (d) operation outside of the published environmental specifications for the product, or (e) improper site preparation or maintenance.

6. HP MAKES NO OTHER EXPRESS WARRANTY OR CONDITION WHETHER WRITTEN OR ORAL. TO THE EXTENT ALLOWED BY LOCAL LAW, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, SATISFACTORY QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY SET FORTH ABOVE. Some countries, states or provinces do not allow limitations on the duration of an implied warranty, so the above limitation or exclusion might not apply to you. This warranty gives you specific legal rights and you might also have other rights that vary from country to country, state to state, or province to province.

7. TO THE EXTENT ALLOWED BY LOCAL LAW, THE REMEDIES IN THIS WARRANTY STATEMENT ARE YOUR SOLE AND EXCLUSIVE REMEDIES. EXCEPT AS INDICATED ABOVE, IN NO EVENT WILL HP OR ITS SUPPLIERS BE LIABLE FOR LOSS OF DATA OR FOR DIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFIT OR DATA), OR OTHER DAMAGE, WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. Some countries, States or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

FOR CONSUMER TRANSACTIONS IN AUSTRALIA AND NEW ZEALAND: THE WARRANTY TERMS CONTAINED IN THIS STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT OR MODIFY AND ARE IN ADDITION TO THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THIS PRODUCT TO YOU.

HEWLETT-PACKARD YEAR 2000 WARRANTY

FOR CONSUMER PRODUCTS DISTRIBUTED THROUGH RESELLERS

Subject to all of the terms and limitations of the HP Limited Warranty Statement provided with this HP Product, HP warrants that this HP Product will be able to accurately process date data (including, but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000, including leap year calculations, when used in accordance with the Product documentation provided by HP (including any instructions for installing patches or upgrades), provided that all other products (e.g. hardware, software, firmware) used in combination with such HP Product(s) properly exchange date data with it. The duration of the Year 2000 warranty extends through January 31, 2001.

