

HP

DesignJet ColorPro Series

Wide-Format Printers

Getting Started Guide

HP DesignJet ColorPro CAD (C7777A)

HP DesignJet ColorPro GA (C7778A)

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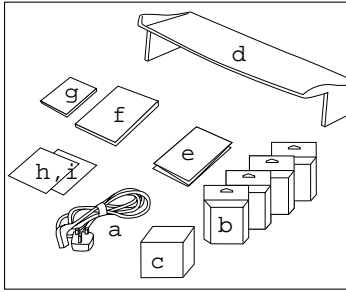
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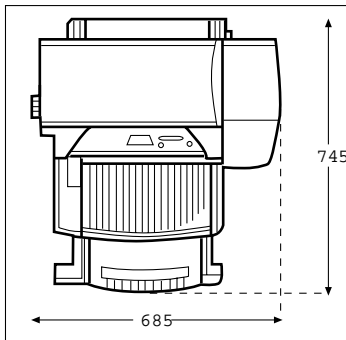
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Step 1 – Unpack the Printer



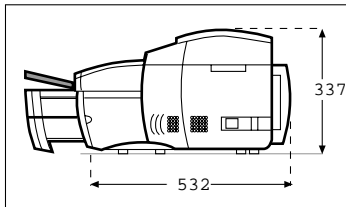
1. Check that the following items are included with the printer:
 - a. Power Cord
 - b. Four HP No. 10 Ink Cartridges (black, cyan, magenta and yellow)
 - c. Four HP No. 10 Printheads (black, cyan, magenta and yellow)
 - d. Extended Tray Cover
 - e. *Setup Poster*
 - f. *Getting Started Guide*
 - g. *Quick Reference Guide*
 - h. Connectivity software (drivers, etc. on CD or diskettes)
 - i. HP JetDirect CD (HP DesignJet ColorPro GA printer only).



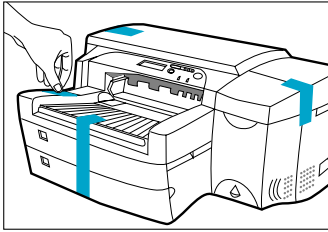
2. Prepare printer location.

The location requirements for the printer are:

- A sturdy, level surface for placement
- A space allowance around the printer
- A well ventilated room
- No exposure to direct sunlight or chemicals, including ammonia based cleaning solutions
- An adequate power supply
- A stable environment – no abrupt temperature or humidity changes
- Relative humidity 20% to 80%
- Room temperature 59° to 95° F (15° to 35° C).

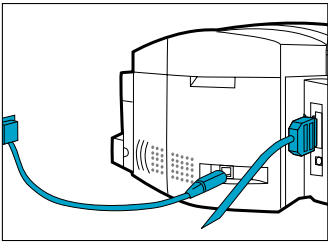


Step 2 – Remove All Tapes from the Printer



1. Remove the four tapes securing the printer. Open the top cover and remove the fifth tape from the inside of the printer.

Step 3 – Connect Cables

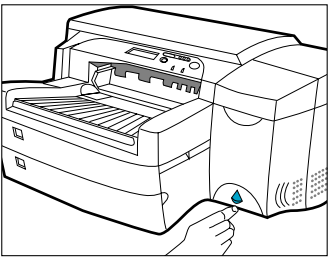


1. Ensure that the computer is turned off.
2. Plug the power connector firmly into the printer's power socket.
3. Plug the power plug into an electrical outlet.
4. Connect the printer end of the parallel cable firmly to the parallel port on the printer.
5. Snap both clips onto the notches on the connector.

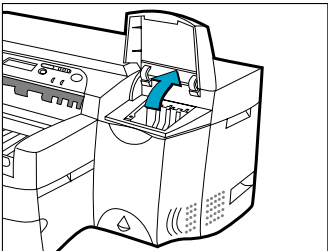
Step 4 – Install Ink Cartridges



In the online edition, click to see a video clip of the following procedure:

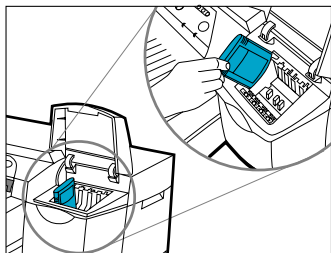


1. Press the Power button to turn on the printer.



2. Lift to open the Ink Cartridge door.

Step 5 – Install Printheads

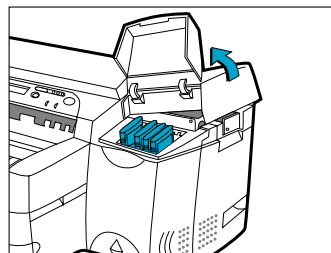


3. Remove all four ink cartridges from their packaging and insert each ink cartridge into its own color-coded slots. **Make sure that each cartridge is pressed firmly into place.**

Step 5 – Install Printheads

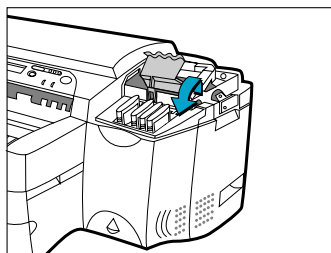


In the online edition, click to see a video clip of the following procedure:

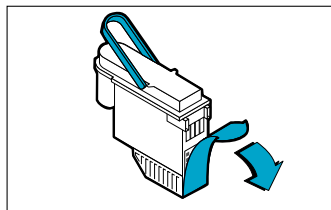


1. Make sure that the Ink Cartridge Door is open. Grasp the side of the Printhead Access Cover and lift up firmly to snap the cover open and completely remove it from the printer. You may have to use some force to open the cover.

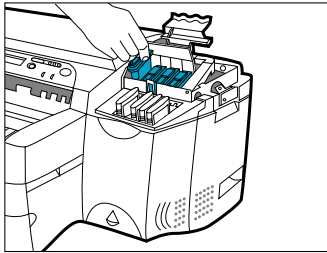
Note: If the cradle cannot be found under the cover, it means that the tape securing the cradle has not been removed. Open the top cover, remove the tape securing the cradle, turn off the printer and turn on again.



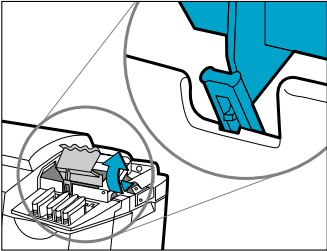
2. **Make sure the printer is turned ON.** Open the purple printhead latch by lifting the latch from the rear. Pull the latch forward and down to release the latch hook from the purple carriage lock. Then lift and push the latch toward the back of the printer.



3. Remove each printhead from its package. **Remove the protective tape from each printhead.**

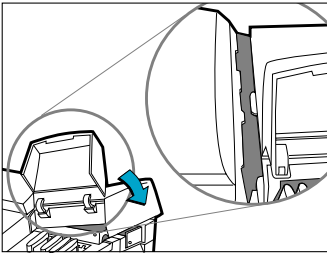


Insert each printhead into its own color-coded socket.
Push the printheads down firmly.



4. Close the printhead latch. Be sure that the hook on the printhead latch catches the carriage lock.

Note: You may have to use some force to close the printhead latch.



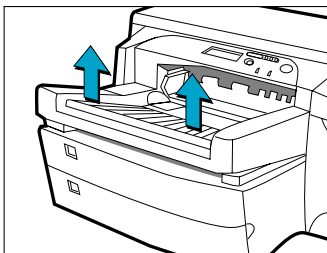
5. Ensure that the Ink Cartridge Door is lifted. Align the tabs of the cover with the tabs on the printer.
6. Lower and snap to close the cover.
7. Close the Ink Cartridge Door.

Step 6 – Insert Paper in Tray 2

Note: Tray 2 is a fixed tray. Tray 1 has to be removed before Tray 2 can be accessed.

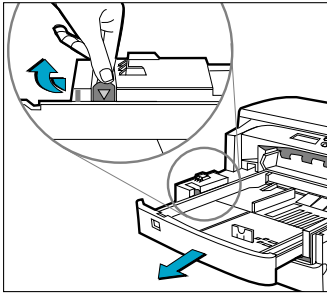


In the online edition, click to see a video clip of the following procedure:

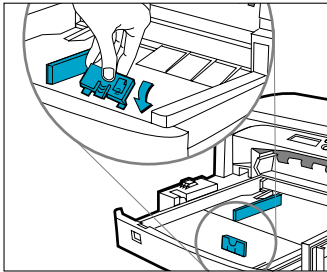


1. Remove Tray 1 and set it aside.

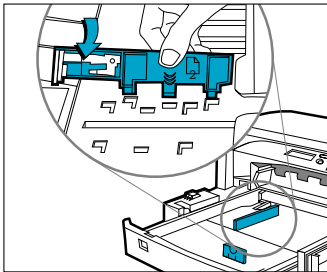
Step 6 – Insert Paper in Tray 2



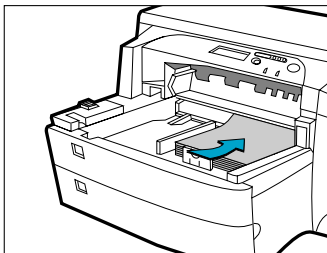
2. If you are loading A3-size or Tabloid-size paper, unlock the tray lock, extend the tray and re-lock the tray.



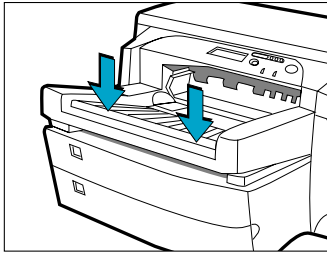
3. Unpack the Paper Length and Width guides.
4. Insert the Paper Length guide into the slot of the paper size you wish to load.



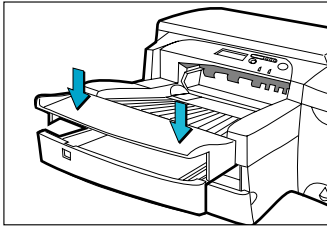
5. Insert the Paper Width guide into the slot of the paper size you wish to load.



6. Insert paper, print side down into the printer.
7. Tap the left side of the stack of paper to ensure that it is flush to the right side of the tray.



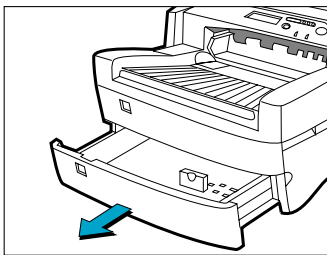
8. Replace Tray 1. If Tray 2 is extended, place the Extended Tray Cover over the tray.
9. On the Control Panel, press [Menu] until PAPER HANDLING MENU appears.
10. Press [Item] to select TRAY 2 TYPE=
11. Press [Value] to select the media type you have loaded into the tray and press [Select].



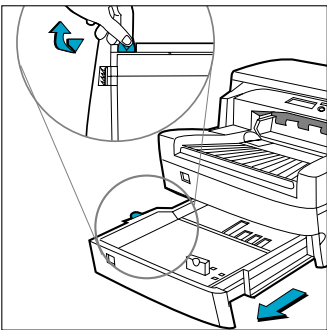
Step 7 – Insert Paper in Tray 3



In the online edition, click to see a video clip of the following procedure:

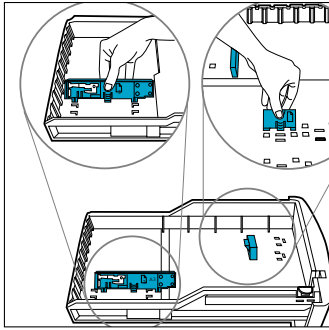


1. Grasp the sides of Tray 3 and pull it out of the printer.

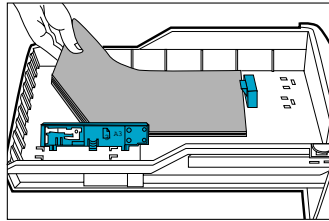


2. If you are loading A3-size or Tabloid-size paper, unlock the tray lock, extend the tray and re-lock the tray.

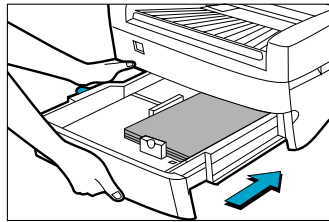
Step 8 – Install the Printer Software



3. Unpack the Paper Length and Width guides.
4. Insert the Paper Length guide into the slot of the paper size you wish to load.
5. Insert the Paper Width guide into the slot of the paper size you wish to load.



6. Load paper by aligning the paper edge to the Paper Length guide first. Tap the other end of the paper to ensure that the paper is properly loaded.



7. Re-insert Tray 3 back into the printer.
8. On the Control Panel, press [Menu] until PAPER HANDLING MENU appears.
9. Press [Item] to select TRAY 3 TYPE=
10. Press [Value] to select the media type you have loaded into the tray and press [Select].

Step 8 – Install the Printer Software

Before you can use the printer, you must install the printer software. To install the printer software, you need at least the amounts of memory listed in the *User's Guide* installed in your computer.

For the HP DesignJet ColorPro GA printer, software supplied includes:

- Adobe PressReady driver for PostScript
- HP ColorSync color profiles (for you to install if your operating system does not contain HP ColorSync)

Step 9 – Change the Language Displayed on the Printer's Control Panel

For the HP DesignJet ColorPro CAD printer, software supplied includes:

- ADI driver for AutoCAD
- HP-GL/2 driver for Windows applications

Follow the instructions supplied with the printer software.

Step 9 – Change the Language Displayed on the Printer's Control Panel

You can change the printer's control panel display to the following languages:

- English, German, French, Italian, Spanish, Norwegian, Dutch, Portuguese, Finnish, Swedish, Danish, Polish, Czech or Russian.

To do so:

1. Power off your printer.
2. Press and hold [Menu] and power on your printer.
3. Wait until the display shows “LANG=X” (where “X” is the current language setting and is in that language).
4. Release the [Menu] button.
5. Press [Value] to scroll through the language list.
6. Press [Select] to choose and confirm your language selection.

Step 10 – Install Additional Memory

If you find that the amount of memory in your printer is insufficient for your requirements, you can install additional memory modules.



CAUTION: **Make sure the printer is switched off at the power isolator switch at the front of the printer, and that the power cord and the interface cable are disconnected.**

- The memory expansion module contains electrical components that are easily damaged by small amounts of static electricity. Please read the following information carefully *before* you handle the memory expansion module:

- Leave the memory expansion module in the antistatic bag until you are ready to install it.
- If possible, use an antistatic wrist strap and a grounding mat.
- Before you remove the memory expansion module from the antistatic bag, touch a grounded, unpainted metal surface to discharge static electricity.



In the online edition, click to see a video clip of the following procedure:

1. Switch the printer off at the front of the printer and disconnect the power cord (at the side of the printer) and the interface cable (at the back).
2. Release the two latches on either side of the back of the printer, so that the back hinges down to open.
3. Put on a grounding wrist strap and attach the other end to the metal chassis of the printer.
4. Unscrew the four screws and remove the cover plate at the back of the printer. To prevent loss of these screws, loosely re-install them in the printer.
5. Take the memory expansion module out of its bag. Hold the memory expansion module by its edges with the non-metallic edges toward you.
6. Carefully push the top edge of the memory expansion module into the slot.
7. Continue pushing the top edge of the memory expansion module until you feel it “click” into position. At the same time you will see that the top locking tab locks into position.
8. Carefully push the bottom edge of the memory expansion module into the slot until you feel it “click” into position. Again, you will see that the bottom locking tab locks into position.
9. Remove the grounding wrist strap and re-install the cover plate on the back of the printer, using the four screws.
10. Reconnect the power cord and the interface cable and switch on the power isolator switch at the front of the printer.
11. Replace the metal panel and close the back of the printer.

About HP Customer Care

As your strategic support partner, we make it our business to help keep your business running smoothly. HP Customer Care offers award-winning support to ensure you get the most from your HP DesignJet.

HP Customer Care provides comprehensive, proven support expertise and leverages new technologies to give customers unique end-to-end support. Services include setup and installation, troubleshooting tools, warranty upgrades, repair and exchange services, phone and Web support, software updates, and self-maintenance services. To find out more about HP Customer Care, please visit us at: www.hp.com/go/support.

What to Do Before You Call

1. Review the troubleshooting suggestions in this document:
 - In the relevant driver documentation supplied with this printer (for users sending PostScript files or those using Microsoft Windows).
 - If you have installed third party software drivers and RIPs refer to that user documentation.
 - If the problem appears to be related to your software application, first contact your software vendor.
2. If you still have difficulty, refer to the HP Support Services booklet shipped with this printer. This document contains a comprehensive list of various support services available to help solve printer problems.
3. If you do call one of the Hewlett-Packard offices, please have the following information available to help us answer your questions more quickly:
 - The printer you are using (the product number and the serial number, found on the label at the back of the printer).
 - The computer you are using.
 - Any special equipment or software you are using (for example, spoolers, networks, switch-boxes, modems, or special software drivers).

- The cable you are using (by part number) and where you purchased it.
- The type of interface used on your printer (parallel, or network).
- The software name and version you are currently using.
- The information (base firmware version, and so on) displayed in the Information Menu.
- If possible print out the Diagnostic Test and FAX it to the support center helping you.

HP Supplies

	Number	Description
Accessories	C2950A	IEEE 1284-compliant A-B parallel cable 2m
	C2951A	IEEE 1284-compliant A-B parallel cable 3m Any HP JetDirect MIO print server cards
Printheads	C4800A	HP Black No. 10 Printhead
	C4801A	HP Cyan No. 10 Printhead
	C4802A	HP Magenta No. 10 Printhead
	C4803A	HP Yellow No. 10 Printhead
Ink Cartridges	C4844A	HP No. 10 Large Black ink Cartridge
	C4840A	HP No. 10 Black ink Cartridge 26.5 ml
	C4841A	HP No. 10 Cyan ink Cartridge 28 ml
	C4842A	HP No. 10 Yellow ink Cartridge 28 ml
	C4843A	HP No. 10 Magenta ink Cartridge 28 ml
HP Memory Expansion Modules	D3647B	HP 16 MB (2x8 MB) 60ns EDO SIMM
	D3648B	HP 32 MB (2x16 MB) 60ns EDO SIMM
	D4543A	HP 64 MB (2x32 MB) 60ns EDO SIMM
HP Bright White Inkjet Paper	C1857A	U.S. 11x17, 200 sheets
	C1858A	European A3, 200 sheets
	C1824A	U.S. Letter, 500 sheets
	C1825A	European A4, 500 sheets

HP Premium Inkjet Paper	C1855A	U.S. 11x17, 100 sheets
	C1856A	European A3, 100 sheets
	51634Y	U.S. Letter size, 200 sheets
	51634Z	European A4 size, 200 sheets
HP Premium Heavyweight Inkjet Paper	C1852A	U.S. Letter size, 100 sheets
	C1853A	European A4 size, 100 sheets
HP Premium Photo Paper	C6058A	U.S. 11x17, 20 sheets
	C6059A	European A3, 20 sheets
	C6039A	U.S. Letter size, 15 sheets
	C6040A	European A4 size, 15 sheets
	C6043A	Asian A4 size, 15 sheets
HP Premium Transparency Film	C3834A	U.S. Letter size, 50 sheets
	C3828A	U.S. Letter size, 20 sheets
	C3835A	European, A4 size, 50 sheets
	C3832A	European A4 size, 20 sheets
HP Premium Inkjet Rapid-Dry Transparencies	C6051A	U.S. Letter size, 50 sheets
	C6053A	European, A4 size, 50 sheets
HP Iron-On T-Shirt Transfers	C6049A	U.S. Letter size, 10 sheets
	C6050A	European A4 size, 10 sheets
HP B+ Media	C6790A	HP Design Heavyweight paper
	C6791A	HP Design Photo paper
HP Greeting Card Paper	C1812A	HP Greeting Card Paper
	C6042A	HP Greeting Card Paper (Europe only)
HP White Labels	92296A	1" x 2 ⁵ / ₈ " Addressing Labels
	92296B	1 ¹ / ₃ " x 4" Addressing Labels
	92296C	1" x 4" Addressing Labels
	92296D	2" x 4" Shipping Labels
	92296E	3 ¹ / ₃ " x 4" Shipping Labels
	92296F	½" x 1¾" Return Address Labels
92296K	8½" x 11" White Full Sheet Labels	

Printer Specifications

Addressing Labels	92296L	99.1 x 38.1mm Addressing Labels
	92296M	99.1 x 33.8mm Addressing Labels
	92296N	63.5 x 38.1mm Addressing Labels
	92296P	100 x 51mm Addressing Labels
	92296R	199.6 x 289mm, Full Sheet Labels
	C4296A	99.1 x 67.7mm, Parcel Labels
	C4297A	63.5 x 46.6mm Addressing Labels

Printer Specifications

Print Method	Plain paper drop on-demand thermal inkjet printing		
Print Speed Black Approximate figures. Exact speed dependent on the system configuration, software program, and document complexity	Black Text Econofast Mode Normal Mode Best Mode	Letter / A4 9 ppm 7 ppm 7 ppm	11x17 / A3 5 ppm 3 ppm 3 ppm
Print Speed Color Approximate figures. Exact speed dependent on the system configuration, software program, and document complexity	Color Highlights Econofast Mode Normal Mode Best Mode Mixed Text & Graphics Econofast Mode Normal Mode Best Mode Full Page Color Highlights Econofast Mode Normal Mode Best Mode	Letter / A4 9 ppm 6 ppm 5 ppm 7 ppm 3.5 ppm 1.2 ppm 3.5 ppm 1.8 ppm 0.4 ppm	11x17 / A3 5 ppm 3 ppm 2 ppm 4 ppm 2 ppm 0.5 ppm 1 ppm 0.8 ppm 0.2 ppm
Black Resolution	Up to 600x600 dpi		
Color Resolution	PhotoREt II for photo quality		
Printhead Nozzles	304 black, 912 color (304 per color printhead)		

Memory	<p>4 Mbytes on main board</p> <p>Two 72-pin SIMM slots for additional memory (EDO, 60ns) expansion up to a total of 76 Mbytes</p>
Paper Handling	<p>Standard input capacity of 400 sheets through two trays of 150 sheet and 250 sheet capacity.</p> <p>Standard output capacity of 150 sheets (face-up)</p> <p>Rear Manual feed – single sheet only</p> <p>Tray 1 (Input / Output Tray) – Sheets: up to 10, Cards: up to 4</p> <p>Tray 2 (Upper Tray) – Sheets: up to 150, Cards: up to 60</p> <p>Tray 3 (lower Tray) – Sheets: up to 250</p> <p>All input paths handle standard media sizes (as listed below) up to 13"x19" (Super A3)</p> <p>Additional, Tray 1 and the rear manual feed support media sizes as small as 4" x 6" (101.6mm x 152.4mm)</p> <p>Built-in media-size sensors prevent printing on the wrong type of media.</p>
Paper Size Handling	<p>Minimum Width: 76.2 mm (4 in.) x 127.0 mm (6 in.)</p> <p>Maximum Width: 330.2 mm (13 in.) x 482.6 mm (19 in.)</p>
Maximum Print Width	320 mm (12.61 in.) x 470 mm (18.49 in.) on 13 in. x 19 in. media.
Recommended Media Weight	<p>All input paths handle the following paper weights with the rear straight-through paper path handling up to 0.3mm thickness of paper</p> <p>Paper: 60 to 135 g/m² (16 to 36 lb. Bond)</p> <p>Cards: 110 to 200 g/m² (110 lb. Index)</p> <p>Straight-through path: up to 0.3 mm thickness (0.012 in.) / 220 g/m² (110 lb. Index)</p>

Connectivity / Network Management	<p>HP DesignJet ColorPro CAD:</p> <p>Network-capable printer for DOS and Windows environments</p> <p>HP-GL/2 and AutoCAD Driver Support for Windows NT 4.0, Windows 3.1x/95/98</p> <p>Centronics parallel, IEEE 1284 compliant</p> <p>One network interface slot accepts optional HP MIO Print Servers with support for Novell Netware, Microsoft LAN Manager, Windows for Workgroups, Windows NT, IBM LAN Server, Unix environment and AppleTalk (EtherTalk and LocalTalk)</p> <p>HP DesignJet ColorPro GA:</p> <p>Network-ready printer for DOS, Windows and Macintosh environments</p> <p>Centronics parallel, IEEE 1284 compliant</p> <p>HP MIO 10/100Base-TX print server with support for Novell Netware, Microsoft LAN Manager, Windows for Workgroups, Windows NT, IBM LAN Server, Unix environment and AppleTalk (EtherTalk and LocalTalk)</p> <p>Supports networking protocols IPX/SPX, TCP/IP, DLC/LLC, AppleTalk and NetBEUI</p> <p>Adobe PostScript 3 driver for Windows</p> <p>Automatic switching between languages and ports.</p> <p>HP JetAdmin printer management software provides easy printer setup and configuration. Latest versions available from HP's web site (http://www.hp.com/go/jetadmin)</p> <p>HP WebJetAdmin printer management software available from HP's web site (http://www.hp.com/go/webjetadmin) for simple installation and configuration from a common web browser.</p>
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Media Size/Type	<p>Paper: Super B 13 x 19 in., U.S. Tabloid 11 x 17 in., U.S. Legal 8.5 x 14 in., U.S. Letter 8.5 x 11 in., European A3 297 x 420 mm, A4 210 x 297 mm, B4 257 x 364 mm</p> <p>Transparencies: U.S. Letter 8.5 x 11 in., European A4 210 x 297 mm Envelope: U.S. No. 10, 4.12 x 9.5 in.; European DL 220 x 110 mm, C6 114 x 162 mm; Japanese #2 111.1 x 146 mm, #3 120 x 235 mm</p> <p>Cards: U.S. Index card 4 x 6 in., Index card 5 x 8 in.; European A6 card 105 x 148.5 mm; Postcard 100 x 148mm</p> <p>Labels: U.S. Labels, 8.5 x 11 in.; European A4 labels, 210 x 297 mm</p>
Control Panel	<p>Intuitive operation and complete, easy-to-understand messages</p> <p>Two-line LCD display and 2 LEDs</p> <p>Buttons: ◇ (Go), Job Cancel, Menu, Item, Value, Select</p> <p>Indicators: Attention, Ready</p> <p>Messages can be displayed in 14 languages: English, French, Italian, German, Spanish, Portuguese, Dutch, Norwegian, Finnish, Swedish, Danish, Polish, Czech and Russian</p>
Operating Environment	<p>Operating temperature: 5° to 40° C (41° to 104° F)</p> <p>Recommended operating conditions: 15° to 35° C (59° to 95° F)</p> <p>Storage temperature: -40° to 60° C (-40° to 140° F)</p> <p>Relative Humidity: 20 to 80% RH non-condensing</p> <p>Noise levels per ISO 9614-1: Sound Pressure, LwAM 62 dB(A)</p>
Power Supply	Built-in Universal Power Supply
Power Requirements	Input Voltage 100 – 240 AC (±10%), 50/60 Hz (±3 Hz)
Power Consumption	Less than 2 watts when off, 8 watts maximum non-printing, 35 watts average printing, 65 watts printing

System Requirements	<p>HP DesignJet ColorPro GA</p> <p>Minimum: Macintosh System 7.6.1 or later: Power PC – 48Mb RAM Windows 95/98: Pentium, 48Mb RAM Windows NT 4.0: Pentium, 64Mb RAM 150Mb free hard disk space for 11"x17" (279mm x 432mm) or A3 size printing. CD-ROM drive.</p> <p>Recommended: Macintosh System 8 or later: Power PC – 64Mb RAM Windows 95/98, Pentium 150/166, 64 Mb RAM Windows NT 4.0, Pentium 150/166 64Mb RAM</p> <p>Graphics intensive files may require more disk space.</p> <p>HP DesignJet ColorPro CAD</p> <p>Minimum: Windows 3.1x: Pentium 100, 8Mb RAM Windows 95/98 and NT 4.0: Pentium 100, 16Mb RAM 100Mb free hard disk space for 11"x17" (279mm x 432mm) or A3 size printing.</p> <p>Recommended: Windows 3.1x: Pentium 200, 16Mb RAM Windows 95/98: Pentium 200, 32Mb RAM Windows NT 4.0: Pentium 200, 64Mb RAM 300Mb free hard disk space for 11"x17" (279mm x 432mm) or A3 size printing.</p> <p>Graphics intensive files may require more disk space.</p> <p>Windows NT users—ensure that your system has a suitably defined amount of virtual memory (set using Settings > Control Panel > System > Performance).</p>
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Dimensions	<p>With paper tray closed: 685 mm (26.97 in.) W x 610 mm (24.02 in.) D x 337 mm (13.27 in.) H</p> <p>With paper tray fully extended: 685 mm (26.97 in.) W x 745 mm (29.33 in.) D x 337 mm (13.27 in.) H</p> <p>Desk Space Required: 685 mm (26.97 in.) W x 532 (20.94 in.) D</p>
Weight	<p>26.5 kg (58.48 lb.) without ink cartridges and printheads</p> <p>27.0 kg (59.2 lb.) with ink cartridges and printheads</p>
Reliability & Estimated Usage	12,000 pages/month
Warranty	1 year on site warranty
Product Certifications	<p>Safety Certifications: CCIB (China), CSA (Canada), PSB (Singapore), UL (USA), NOM1 (Mexico), TUV-GS (Germany), SABS (South Africa), JUN (Korea), LS (Lithuania), EEI (Estonia)</p> <p>EMI Certifications: FCC Class B when used with a Class B computing device (USA), FCC Part 15B Class A when connected to Local Area Network (LAN) Devices, CTICK (Australia & New Zealand), VCCI (Japan), CE (European Union), B mark (Poland), GOST (Russia), BCIQ (Taiwan), RRL (Korea)</p>

Brands and product names listed are trademarks or registered trademarks of their respective companies. Information in this document is subject to change without notice.

Hewlett-Packard Limited Warranty Statement

HP Product	Duration of Limited Warranty
Software	90 Days
Ink Cartridges	90 Days
Printheads	1 Year
Printer	1 Year

A. Extent of Limited Warranty

1. Hewlett-Packard (HP) warrants to the end-user customer that the HP products specified above will be free from defects in materials and workmanship for the duration specified above, which duration begins on the date of purchase by the customer. Customer is responsible for maintaining proof of date of purchase.
2. For software products, HP's limited warranty applies only to a failure to execute programming instructions. HP does not warrant that the operation of any product will be uninterrupted or error free.
3. HP's limited warranty covers only those defects which arise as a result of normal use of the product, and do not apply to any:
 - a. Improper or inadequate maintenance or modification;
 - b. Software, interfacing, media, parts, or supplies not provided or supported by HP; or
 - c. Operation outside the product's specifications.
4. For HP printer products, the use of a non-HP ink cartridge or a refilled ink cartridge does not affect either the warranty to the customer or any HP support contract with the customer. However, if printer failure or damage is attributable to the use of a non-HP or refilled ink cartridge, HP will charge its standard time and materials charges to service the printer for the particular failure or damage.
5. If HP receives, during the applicable warranty period, notice of a defect in any software, media, or ink cartridge product which is covered by HP's warranty, HP shall replace the defective product. If HP receives, during the applicable warranty period, notice of a defect in any hardware product which is covered by HP's warranty, HP shall either repair or replace the defective

product, at HP's option.

6. If HP is unable to repair or replace, as applicable, a defective product which is covered by HP's warranty, HP shall, within a reasonable time after being notified of the defect, refund the purchase price for the product.
7. HP shall have no obligation to repair, replace, or refund until the customer returns the defective product to HP.
8. Any replacement product may be either new or like-new, provided that it has functionality at least equal to that of the product being replaced.
9. HP's limited warranty is valid in any country where the covered HP product is distributed by HP except for the Middle-East, Africa, Argentina, Brazil, Mexico, Venezuela, and France's "Départements D'Outre-Mer"; for those excepted areas, the warranty is valid only in the country of purchase. Contracts for additional warranty services, such as on-site service, may be available for any authorized HP service facility where the listed HP product is distributed by HP or an authorized importer.

B. Limitations of Warranty

1. TO THE EXTENT ALLOWED BY LOCAL LAW, NEITHER HP NOR ITS THIRD PARTY SUPPLIERS MAKE ANY OTHER WARRANTY OR CONDITION OF ANY KIND, WHETHER EXPRESS OR IMPLIED, WITH RESPECT TO THE HP PRODUCTS, AND SPECIFICALLY DISCLAIM THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE.

C. Limitations of Liability

1. To the extent allowed by local law, the remedies provided in this Warranty Statement are the customer's sole and exclusive remedies.
2. TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT FOR THE OBLIGATIONS SPECIFICALLY SET FORTH IN THIS WARRANTY STATEMENT, IN NO EVENT SHALL HP OR ITS THIRD PARTY SUPPLIERS BE LIABLE FOR

DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER BASED ON CONTRACT, TORT, OR ANY OTHER LEGAL THEORY AND WHETHER ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

D. Local Law

1. This Warranty Statement gives the customer specific legal rights. The customer may also have other rights which vary from state to state in the United States, from province to province in Canada, and from country to country elsewhere in the world.
2. To the extent that this Warranty Statement is inconsistent with local law, this Warranty Statement shall be deemed modified to be consistent with such local law. Under such local law, certain disclaimers and limitations of this Warranty Statement may not apply to the customer. For example, some states in the United States, as well as some governments outside the United States (including provinces in Canada), may:
 - a. Preclude the disclaimers and limitations in this Warranty Statement from limiting the statutory rights of a consumer (e.g. the United Kingdom);
 - b. Otherwise restrict the ability of a manufacturer to enforce such disclaimers or limitations; or
 - c. Grant the customer additional warranty rights, specify the duration of implied warranties which the manufacturer cannot disclaim, or not allow limitations on the duration of implied warranties.
3. FOR CONSUMER TRANSACTIONS IN AUSTRALIA AND NEW ZEALAND, THE TERMS IN THIS WARRANTY 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 HP PRODUCTS TO SUCH CUSTOMERS.

Regulatory Notices

Note that additional notices appear in the appendix at the back of this document.

Safety Information



WARNING

Always follow basic safety precautions when using this product to reduce risk of injury from fire or electric shock.

1. Use only a grounded electrical outlet when connecting this product to a power source. If you do not know whether the outlet is grounded, check with a qualified electrician.
2. Read and understand instructions in the *User's Guide*.
3. Observe all warnings and instructions marked on the product.
4. Unplug this product from wall outlets before cleaning.
5. Do not install product or use this product near water, or when you are wet.
6. Install the product securely on a stable surface.
7. Install the product in a protected location where no one can step on or trip over the line cord, and the line cord will not be damaged.
8. If the product does not operate normally, see the "Troubleshooting" section in the *User's Guide*.

To Obtain a Material Safety Data Sheet (MSDS)

You can obtain current Material Safety Data Sheets for the ink systems used in the printer by mailing a request to this address: **Hewlett-Packard Customer Information Center**, 19310 Pruneridge Avenue, Dept. MSDS, Cupertino, CA 95014, U.S.A. There is also a web page: <http://www.hp.com/abouthp/envrnmnt/contents/envfacts/hpmsds.htm>

Power Cord Statement

The power cord cannot be repaired. If it is defective it should be discarded or returned to the supplier.

Appendix—Regulatory Notices

FCC Regulations

The U.S. Federal Communications Commission (in 47 cfr 15.105) has specified that the following notices be brought to the attention of users of this product.

Product Identification Numbers:

Printer	HP DesignJet ColorPro CAD	HP DesignJet ColorPro GA
Model	C7777A	C7778A

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Shielded cables

Use of a shielded data cables is required to comply with the Class B limits of Part 15 of the FCC Rules.

CAUTION

Pursuant to Part 15.21 of the FCC Rules, any changes or modifications to this equipment not expressly approved by the Hewlett-Packard Company, may cause harmful interference and void the FCC authorization to operate this equipment.

This equipment has been tested and found to comply with the specifications of 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 receiving antenna.

- Increase separation between equipment and receiver.
- Connect equipment to an outlet on a circuit different from that to which the receive is connected.
- Consult your dealer or an experienced radio/TV technician.

When connected to LAN cables using print server accessories...

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial environment. 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. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

Normes de sécurité (Canada)

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par le Ministère des Communications du Canada.

Connecté à un réseau par des accessoires de serveur, l'appareil n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe A prescrites dans le règlement sur le brouillage radioélectrique édicté par le Ministère des Communications du Canada.

DOC statement (Canada)

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

When connected to LAN cables using print server accessories, this digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

VCCI Class A and Class B (Japan)

Class B

この装置は、情報処理装置等電波障害自主規制協議会(VCCI)の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取り扱い説明書に従って正しい取り扱いをして下さい。

Class A for LAN cables connection using print server accessory

注意

プリントサーバのアクセサリを使ってLANケーブルに接続されている場合、この装置は、情報処理装置等電波障害自主規制協議会(VCCI)の基準に基づくクラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

EMI statement (Korea)

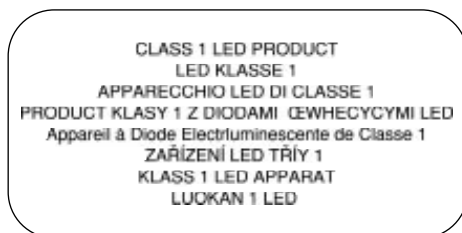
이 기기는 업무용으로 전자파장애검정을 받은 기기이오니 판매자 또는 사용자는 이점을 주의하시기 바라며 만약 잘못 구입하였을 때에는 구입한 곳에서 비업무용으로 교환하시기 바랍니다

EMI statement (Taiwan)

警告使用者：

這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

LEDs Classification



Energy Consumption



Energy Star is a US registered service mark of United States Environmental Protection Agency

Geräuschemission (Germany)

LpA < 70 dB, am Arbeitsplatz, im Normalbetrieb, nach DIN 45635 T. 19.

Telecommunications General Approval (UK)

The HP DesignJet ColorPro CAD and GA printers, models C7777 and C7778, are approved under Approval Number NS/G/1234/5/100003 for indirect connection to public telecommunication systems within the United Kingdom.

Address

Hewlett-Packard Company
Manager of Corporate Product regulations
3000 Hanover Street
Palo Alto, CA 94304
415/857-1501

Declaration of Conformity

DECLARATION OF CONFORMITY

according to ISO/IEC Guide 22 and EN 45014

Manufacturer's Name: Hewlett-Packard Singapore (Pte) Ltd

Manufacturer's Address: Asia Hardcopy Manufacturing Operation
20 Gul Way, Singapore 629196

declares, that the product

Product Name: HP DesignJet Color Pro CAD, HP DesignJet Color Pro GA*

Model Number: C7777A, C7778A*

Product Options: All

conforms to the following Product Specifications:

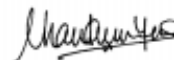
Safety: IEC 950: 1991 + A1 + A2 + A3 + A4/ EN 60950: 1992 + A1 + A2 + A3 + A4
IEC825-1: 1993 / EN 60825-1:1994 class I for LEDs

EMC: CISPR 22: 1993 Class B / EN 55022: 1994 Class B
CISPR 22: 1993 Class A / EN 55022: 1994 Class A*
EN 50082-1: 1992
IEC 801-2: 1991 / prEN 55024-2: 1992, 4kV CD, 8kV AD
IEC 801-3: 1984 / prEN 55024-3: 1991, 3 V/m
IEC 801-4: 1988 / prEN 55024-4: 1992, 0.5kV Signal Lines, 1kV Power Lines
IEC 1000-3-2: 1995 / EN61000-3-2: 1995
IEC 1000-3-3: 1994 / EN61000-3-3: 1995
FCC Title 47 CFR, Part 15 Class B / VCCI-2
FCC Title 47 CFR, Part 15 Class A / VCCI-1 *
AZ / NZS 3548:1995 / ICES-003, Issue 2

Supplementary Information:

- (1) The product herewith complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC, and carries the CE marking accordingly.
- (2) The product was tested in a typical configuration with Hewlett Packard personal computer systems.
- (3) This device complies with Part 15 of the FCC Regulation. Operation is subject to the following two conditions: (i) this device may not cause harmful interference, and (ii) this device must accept any interference received, including interference that may cause undesired operation.

* This printer contains Local Area Network (LAN) options. When the interface cable is attached to either of the IEEE802.3 connectors, the printer meets the requirements of CISPR 22: 1993 Class A / EN 55022: 1994 Class A



Singapore, May 1999

Chan Kum Yew, Quality Manager

Australia Contact: Product Regulations Manager, Hewlett Packard Australia Ltd., 31-41 Joseph Street, Blackburn, Victoria 3130, Australia.

European Contact: Your Local Hewlett-Packard Sales and Service Office or Hewlett-Packard GmbH, Department HQ-TRE / Standards Europe, Herrenberger Strasse 130, D-71034 Boblingen (FAX: +49-7031-14-3143).

USA Contact: Corporate Product Regulations Manager, Hewlett Packard Company, 3000 Hanover Street, Palo Alto, CA 94304, USA (Phone: 415-857-1501).