HP Deskjet F2400 All-in-One series



Windows Help

HP Deskjet F2400 All-in-One series



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1 How Do I?

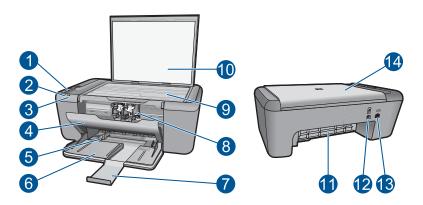
Learn how to use your HP All-in-One

- "Copy documents or photos" on page 29
- "Load media" on page 23
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2 Get to know the HP All-in-One

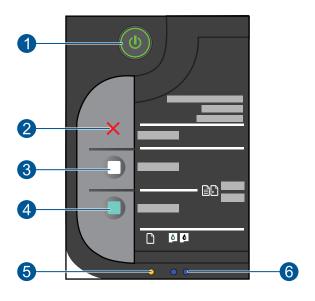
- Printer parts
- Control panel features

Printer parts



1	Control panel
2	Attention light
3	Check cartridge lights
4	Front access door
5	Paper-width guide for the main input tray
6	Input tray
7	Paper tray extender (also referred to as the tray extender)
8	Cartridges
9	Glass
10	Lid backing
11	Rear access door
12	Rear USB port
13	Power connection (Use only with the power adapter supplied by HP.)
14	Lid

Control panel features



On: Turns the product on or off. When the product is off, a minimal amount of power is still used. To completely remove power, turn off the product, then unplug the power cord.
 Cancel: Stops the current operation.
 Start Copy Black: Starts a black-and-white copy job.
 Start Copy Color: Starts a color copy job.
 Attention light: Shows attention event, such as paper jam or out of paper.
 Ink attention light: Indicates low ink or a print cartridge problem.

Print

Choose a print job to continue.



"Print documents" on page 7



"Print photos" on page 8



"Print envelopes" on page 10



"Print on specialty media" on page 11



"Print a Web page" on page 17

Related topics

- "Load media" on page 23
- "Recommended papers for printing" on page 21

Print documents

To print from a software application

- 1. Make sure you have paper loaded in the input tray.
- 2. On the File menu in your software application, click Print.
- 3. Make sure the product is the selected printer.
- 4. If you need to change settings, click the button that opens the **Properties** dialog box. Depending on your software application, this button might be called **Properties**, Options, Printer Setup, Printer, or Preferences.



NOTE: When printing a photo, you must select options for the specific photo paper and photo enhancement.

- Select the appropriate options for your print job by using the features available in the Advanced, Printing Shortcuts, Features, and Color tabs.
 - TIP: You can easily select the appropriate options for your print job by choosing one of the predefined print tasks on the **Printing Shortcuts** tab. Click a type of print task in the **Printing Shortcuts** list. The default settings for that type of print task are set and summarized on the **Printing Shortcuts** tab. If necessary, you can adjust the settings here and save your custom settings as a new printing shortcut. To save a custom printing shortcut, select the shortcut and click **Save As**. To delete a shortcut, select the shortcut and click **Delete**.
- 6. Click OK to close the Properties dialog box.
- 7. Click **Print** or **OK** to begin printing.

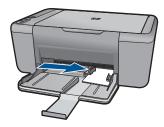
Related topics

- "Recommended papers for printing" on page 21
- "Load media" on page 23
- "View the print resolution" on page 19
- "Use printing shortcuts" on page 19
- "Set the default print settings" on page 20
- "Stop the current job" on page 55

Print photos

To print a photo on photo paper

1. Remove all paper from the input tray, and then load the photo paper print side down.



- 2. On the **File** menu in your software application, click **Print**.
- 3. Make sure the product is the selected printer.
- Click the button that opens the Properties dialog box.
 Depending on your software application, this button might be called Properties,
 Options, Printer Setup, Printer, or Preferences.
- 5. Click the Features tab.
- In the Basic Options area, select the appropriate photo paper type from the Paper Type drop-down list.

- 7. In the Resizing Options area, click the appropriate paper size from the Size list. If the paper size and paper type are not compatible, the product software displays an alert and allows you to select a different type or size.
- 8. In the **Basic Options** area, select a high print quality, such as **Best**, from the **Print Quality** drop-down list.
 - NOTE: For maximum dpi resolution, go to the Advanced tab, and then select Enabled from the Maximum dpi drop-down list. For more information, see "Print using the maximum dpi" on page 18.
- 9. Click **OK** to return to the **Properties** dialog box.
- 10. (Optional) If you want to print the photo in black and white, click the Color tab and select the Print in grayscale check box. From the drop-down list, select one of the following options:
 - High Quality: uses all the available colors to print your photo in grayscale. This
 creates smooth and natural shades of gray.
 - Black Ink Only: uses black ink to print your photo in grayscale. The gray shading
 is created by varying patterns of black dots, which might result in a grainy image.
- 11. Click OK, and then click Print or OK in the Print dialog box.
- NOTE: Do not leave unused photo paper in the input tray. The paper might start to curl, which could reduce the quality of your printout. Photo paper should be flat before printing.

To print a borderless image

- 1. Remove all paper from the paper tray.
- 2. Place the photo paper print side down on the right side of the paper tray.



- 3. On the **File** menu in your software application, click **Print**.
- 4. Make sure the product is the selected printer.
- Click the button that opens the Properties dialog box.
 Depending on your software application, this button might be called Properties,
 Options, Printer Setup, Printer, or Preferences.
- 6. Click the **Features** tab.
- 7. In the Size list, click the size of photo paper loaded in the paper tray.
 If a borderless image can be printed on the specified size, the Borderless printing check box is enabled.

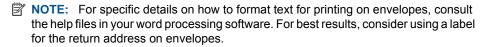
- In the Paper Type drop-down list, click More, and then select the appropriate paper type.
 - NOTE: You cannot print a borderless image if the paper type is set to Plain paper or to a type of paper other than a photo paper.
- 9. Select the Borderless printing check box if it is not already checked. If the borderless paper size and paper type are not compatible, the product software displays an alert and allows you to select a different type or size.
- 10. Click OK, and then click Print or OK in the Print dialog box.
 - NOTE: Do not leave unused photo paper in the paper tray. The paper might start to curl, which could reduce the quality of your printout. Photo paper should be flat before printing.

Related topics

- "Load media" on page 23
- "Print using the maximum dpi" on page 18
- "View the print resolution" on page 19
- "Use printing shortcuts" on page 19
- "Set the default print settings" on page 20
- "Stop the current job" on page 55

Print envelopes

You can load one or more envelopes into the input tray of the HP All-in-One. Do not use shiny or embossed envelopes or envelopes that have clasps or windows.



To print envelopes

- 1. Slide the paper guide all the way to the left.
- Place the envelopes in the right side of the tray. The side to be printed on should face down. The flap should be on the left side.
- **3.** Push the envelopes into the printer until they stop.
- 4. Slide the paper guide firmly against the edge of the envelopes.



- 5. Open the **Printer Properties** dialog box.
- **6.** Click the **Features** tab, and then select the following print settings:
 - Paper Type: Plain paper
 - Size: An appropriate envelope size
- 7. Select any other print settings that you want, and then click **OK**.

Related topics

- "Load media" on page 23
- "View the print resolution" on page 19
- "Use printing shortcuts" on page 19
- "Set the default print settings" on page 20
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Print on specialty media

Print transparencies

- 1. Slide the paper guide all the way to the left.
- 2. Place the transparencies in the right side of the tray. The side to be printed should face down and the adhesive strip should face up and toward the printer.
- 3. Carefully push the transparencies into the printer until they stop, so that the adhesive strips do not catch on one another.
- 4. Slide the paper guide firmly against the edge of the transparencies.



- 5. Open the Printer Properties dialog box.
- 6. Click the **Printing Shortcuts** tab.
- 7. In the Printing Shortcuts list, click Presentation Printing, and then specify the following print settings:
 - Paper Type: Click More, and then select an appropriate transparency film.
 - Paper Size: An appropriate paper size
- 8. Select any other print settings that you want, and then click **OK**.

Print postcards

- 1. Slide the paper guide all the way to the left.
- 2. Place the cards in the right side of the tray. The side to be printed on should face down and the short edge should point toward the printer.
- 3. Push the cards into the printer until they stop.
- 4. Slide the paper guide firmly against the edge of the cards.



- Open the Printer Properties dialog box.
- 6. Click the **Features** tab, and then specify the following print settings:
 - Paper Type: Click More, click Specialty Papers, and then select an appropriate card type.
 - Print Quality: Normal or Best
 - Size: An appropriate card size
- 7. Select any other print settings that you want, and then click **OK**.

Print labels

- 1. Slide the paper guide all the way to the left.
- 2. Fan the edges of the label sheets to separate them, and then align the edges.
- 3. Place the label sheets in the right side of the tray. The label side should face down.
- 4. Push the sheets into the printer until they stop.
- Slide the paper guide firmly against the edge of the sheets.

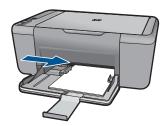


- 6. Open the **Printer Properties** dialog box.
- Click the Printing Shortcuts tab.

- 8. In the **Printing Shortcuts** list, click **General Everyday Printing**, and then specify the following print settings:
 - Paper Type: Plain Paper
 - Paper Size: An appropriate paper size
- 9. Click OK.

Print brochures

- 1. Slide the paper guide all the way to the left.
- Place the paper in the right side of the tray. The side to be printed on should face down.
- 3. Push the paper into the printer until it stops.
- 4. Slide the paper guide firmly against the edge of the paper.



- 5. Open the **Printer Properties** dialog box.
- 6. Click the Features tab.
- **7.** Specify the following print settings:
 - Print Quality: Best
 - Paper Type: Click More, and then select an appropriate HP inkjet paper.
 - Orientation: Portrait or Landscape
 - Size: An appropriate paper size
 - Two-sided printing: Manual
- 8. Click **OK** to print.

Print greeting cards

- 1. Slide the paper guide all the way to the left.
- 2. Fan the edges of the greeting cards to separate them, and then align the edges.
- 3. Place the greeting cards in the right side of the tray. The side to be printed on should face down.
- 4. Push the cards into the printer until they stop.
- 5. Slide the paper guide firmly against the edge of the cards.



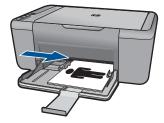
- 6. Open the Printer Properties dialog box.
- 7. Click the **Features** tab, and then specify the following print settings:
 - Print Quality: Normal
 - Paper Type: Click More, and then select an appropriate card type.
 - Size: An appropriate card size
- 8. Select any other print settings that you want, and then click **OK**.

Print booklets

- 1. Slide the paper guide all the way to the left.
- Place plain paper in the right side of the tray. The side to be printed on should face down.
- 3. Push the paper into the printer until it stops.
- 4. Slide the paper guide firmly against the edge of the paper.



- 5. Open the **Printer Properties** dialog box.
- 6. Click the **Printing Shortcuts** tab.
- 7. In the Printing Shortcuts list, click Booklet Printing.
- 8. In the Print On Both Sides drop-down list, select one of the following binding options:
 - Left Edge Booklet
 - Right Edge Booklet
- 9. Select any other print settings that you want, and then click **OK**.
- **10.** When prompted, reload the printed pages in the paper tray as shown below.



11. Click **Continue** to finish printing the booklet.

Print posters

- 1. Slide the paper guide all the way to the left.
- Place plain paper in the right side of the tray. The side to be printed on should face down.
- 3. Push the paper into the printer until it stops.
- **4.** Slide the paper guide firmly against the edge of the paper.



- 5. Open the **Printer Properties** dialog box.
- **6.** Click the **Features** tab, and then specify the following print settings:
 - Paper Type: Plain Paper
 - · Orientation: Portrait or Landscape
 - Size: An appropriate paper size
- 7. Click the Advanced tab, and then click Printer Features.
- 8. In the **Poster Printing** drop-down list, select the number of sheets for the poster.
- 9. Click the Select Tiles button.
- **10.** Check that the number of tiles that are selected matches the number of sheets for the poster, and then click **OK**.

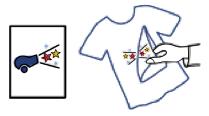




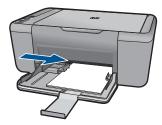
11. Select any other print settings that you want, and then click **OK**.

Print iron-on transfers

- 1. Slide the paper guide all the way to the left.
- 2. Place the iron-on transfer paper in the right side of the tray. The side to be printed on should face down.



- 3. Push the paper into the printer until it stops.
- 4. Slide the paper guide firmly against the edge of the paper.



5. Open the **Printer Properties** dialog box.

- **6.** Click the **Features** tab, and then specify the following print settings:
 - Print Quality: Normal or Best
 - Paper Type: Click More, click Specialty Papers, and then click Other specialty paper.
 - Size: An appropriate paper size
- 7. Click the Advanced tab.
- 8. Click Printer Features, and then set Mirror Image to On.
 - NOTE: Some iron-on transfer software programs do not require you to print a mirror image.
- 9. Select any other print settings that you want, and then click **OK**.

Related topics

- "Recommended papers for printing" on page 21
- "Load media" on page 23
- "Use printing shortcuts" on page 19
- "Set the default print settings" on page 20
- "Stop the current job" on page 55

Print a Web page

You can print a Web page from your Web browser on the HP All-in-One.

If you use Internet Explorer (6.0 or higher) or Firefox (2.0 or higher) for Web browsing, you can use **HP Smart Web Printing** to ensure simple, predictable web printing with control over what you want and how you want it printed. You can access **HP Smart Web Printing** from the toolbar in Internet Explorer. For more information about **HP Smart Web Printing**, see the help file provided with it.

To print a Web page

- 1. Make sure you have paper loaded in the input tray.
- 2. On the File menu in your Web browser, click Print.
 - TIP: For best results, select HP Smart Web Printing on the File menu. A check mark appears when it is selected.

The **Print** dialog box appears.

- 3. Make sure the product is the selected printer.
- If your Web browser supports it, select the items on the Web page that you want to include in the printout.
 - For example, in Internet Explorer, click the **Options** tab to select options such as **As laid out on screen**, **Only the selected frame**, and **Print all linked documents**.
- 5. Click **Print** or **OK** to print the Web page.
- **TIP:** To print Web pages correctly, you might need to set your print orientation to **Landscape**.

Related topics

- "Recommended papers for printing" on page 21
- "Load media" on page 23
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Print using the maximum dpi

Use maximum dpi mode to print high-quality, sharp images.

To get the most benefit from maximum dpi mode, use it to print high-quality images such as digital photographs. When you select the maximum dpi setting, the printer software displays the optimized dots per inch (dpi) that the HP All-in-One printer will print. Printing in maximum dpi is supported on the following paper-types only:

- HP Premium Plus Photo Paper
- HP Premium Photo Paper
- HP Advanced Photo Paper
- Photo Hagaki

Printing in maximum dpi takes longer than printing with other settings and requires a large amount of disk space.

To print in Maximum dpi mode

- 1. Make sure you have paper loaded in the input tray.
- 2. On the File menu in your software application, click Print.
- 3. Make sure the product is the selected printer.
- Click the button that opens the Properties dialog box.
 Depending on your software application, this button might be called Properties,
 Options, Printer Setup, Printer, or Preferences.
- Click the Advanced tab.
- 6. In the Printer Features area, select Enabled from the Maximum dpi drop-down list.
- 7. Click the **Features** tab.
- In the Paper Type drop-down list, click More, and then select the appropriate paper type.
- 9. In the Print Quality drop-down list, click Maximum dpi.
 - NOTE: To view the maximum dpi that the product will print, click Resolution.
- **10.** Select any other print settings that you want, and then click **OK**.

Related topics

"View the print resolution" on page 19

View the print resolution

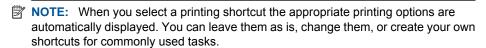
The printer software displays the print resolution in dots per inch (dpi). The dpi varies according to the paper type and print quality that you select in the printer software.

To view the print resolution

- 1. Make sure you have paper loaded in the input tray.
- 2. On the File menu in your software application, click Print.
- 3. Make sure the product is the selected printer.
- Click the button that opens the Properties dialog box.
 Depending on your software application, this button might be called Properties,
 Options, Printer Setup, Printer, or Preferences.
- 5. Click the Features tab.
- In the Print Quality drop-down list, select the appropriate print quality setting for your project.
- 7. In the Paper Type drop-down list, select the type of paper that you have loaded.
- 8. Click the **Resolution** button to view the print resolution dpi.

Use printing shortcuts

Use printing shortcuts to print with print settings that you use often. The printer software has several specially designed printing shortcuts that are available in the Printing Shortcuts list.



Use the Printing Shortcuts tab for the following print tasks:

- General Everyday Printing: Print documents quickly.
- Paper-saving Printing: Print two-sided documents with mutliple pages on same sheet to reduce paper usage.
- Photo Printing—With White Borders: Print a photo with a white border around the edges.
- Fast/Economical Printing: Produce draft-quality printouts quickly.
- Presentation Printing: Print high-quality documents, including letters and transparencies.

To create a printing shortcut

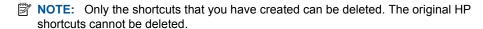
- 1. On the File menu in your software application, click Print.
- 2. Make sure the product is the selected printer.
- Click the button that opens the Properties dialog box.
 Depending on your software application, this button might be called Properties,
 Options, Printer Setup, Printer, or Preferences.
- 4. Click the **Printing Shortcuts** tab.

- In the **Printing Shortcuts** list, click a printing shortcut.
 The print settings for the selected printing shortcut are displayed.
- 6. Change the print settings to those you want in the new printing shortcut.
- Click Save as and type a name for the new printing shortcut, and then click Save. The printing shortcut is added to the list.

To delete a printing shortcut

- 1. On the File menu in your software application, click Print.
- 2. Make sure the product is the selected printer.
- Click the button that opens the Properties dialog box.
 Depending on your software application, this button might be called Properties,
 Options, Printer Setup, Printer, or Preferences.
- 4. Click the Printing Shortcuts tab.
- 5. In the **Printing Shortcuts** list, click the printing shortcut that you want to delete.
- Click Delete.

The printing shortcut is removed from the list.



Set the default print settings

If there are settings that you frequently use for printing, you might want to make them the default print settings so they are already set when you open the **Print** dialog box from within your software application.

To change the default print settings

- In the HP Solution Center, click Settings, point to Print Settings, and then click Printer Settings.
- 2. Make changes to the print settings, and click **OK**.

4 Paper basics

You can load many different types and sizes of paper in the HP All-in-One, including letter or A4 paper, photo paper, transparencies, and envelopes.

This section contains the following topics:

"Load media" on page 23

Recommended papers for printing

If you want the best print quality, HP recommends using HP papers that are specifically designed for the type of project you are printing.

Depending on your country/region, some of these papers might not be available.

HP Advanced Photo Paper

This thick photo paper features an instant-dry finish for easy handling without smudging. It resists water, smears, fingerprints, and humidity. Your prints have a look and feel comparable to a store-processed photo. It is available in several sizes, including A4, 8.5 x 11 inch, $10 \times 15 \text{ cm}$ (4 x 6 inch) (with or without tabs), $13 \times 18 \text{ cm}$ (5 x 7 inch), and two finishes - glossy or soft gloss (satin matte). It is acid-free for longer lasting documents.

HP Everyday Photo Paper

Print colorful, everyday snapshots at a low cost, using paper designed for casual photo printing. This affordable, photo paper dries quickly for easy handling. Get sharp, crisp images when you use this paper with any inkjet printer. It is available in semi-gloss finish in several sizes, including A4, 8.5×11 inch, and 10×15 cm (4×6 inch) (with or without tabs). For longer-lasting photos, it is acid-free.

HP Brochure Paper or HP Superior Inkjet Paper

These papers are glossy-coated or matte-coated on both sides for two-sided use. They are the perfect choice for near-photographic reproductions and business graphics for report covers, special presentations, brochures, mailers, and calendars.

HP Premium Presentation Paper or HP Professional Paper

These papers are heavy two-sided matte papers perfect for presentation, proposals, reports, and newsletters. They are heavyweight for an impressive look and feel.

HP Bright White Inkjet Paper

HP Bright White Inkjet Paper delivers high-contrast colors and sharp text. It is opaque enough for two-sided color usage with no show-through, which makes it ideal for newsletters, reports, and flyers. It features ColorLok Technology for less smearing, bolder blacks, and vivid colors.

HP Printing Paper

HP Printing Paper is a high-quality multifunction paper. It produces documents that look and feel more substantial than documents printed on standard multipurpose or copy

paper. It features ColorLok Technology for less smearing, bolder blacks, and vivid colors. It is acid-free for longer lasting documents.

HP Office Paper

HP Office Paper is a high-quality multifunction paper. It is suitable for copies, drafts, memos, and other everyday documents. It features ColorLok Technology for less smearing, bolder blacks, and vivid colors. It is acid-free for longer lasting documents.

HP Iron-On Transfers

HP Iron-on Transfers (for color fabrics or for light or white fabrics) are the ideal solution for creating custom T-shirts from your digital photos.

HP Premium Inkjet Transparency Film

HP Premium Inkjet Transparency Film make your color presentations vivid and even more impressive. This film is easy to use and handle and dries guickly without smudging.

HP Photo Value Pack

HP Photo Value Packs conveniently package original HP cartridges and HP Advanced Photo Paper to save you time and take the guesswork out of printing affordable professional photos with your HP All-in-One. Original HP inks and HP Advanced Photo Paper have been designed to work together so your photos are long lasting and vivid, print after print. Great for printing out an entire vacation's worth of photos or multiple prints to share.

ColorLok

HP recommends plain papers with the ColorLok logo for printing and copying of everyday documents. All papers with the ColorLok logo are independently tested to meet high standards of reliability and print quality, and produce documents with crisp, vivid color, bolder blacks, and dry faster than ordinary plain papers. Look for papers with the ColorLok logo in a variety of weights and sizes from major paper manufacturers.





NOTE: At this time, some portions of the HP Web site are available in English only.

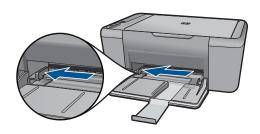
To order HP papers and other supplies, go to www.hp.com/buy/supplies. If prompted, choose your country/region, follow the prompts to select your product, and then click one of the shopping links on the page.

Load media

Select a paper size to continue.

Load small-size paper

a. Slide paper-width guide to the left. Slide paper-width guide to the left.



b. Load paper.

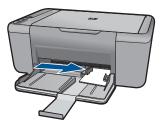
Insert stack of photo paper into photo tray with short edge forward and print side down.

Slide stack of paper forward until it stops.



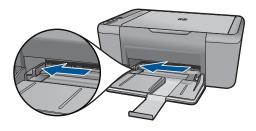
NOTE: If the photo paper you are using has perforated tabs, load photo paper so that tabs are closest to you.

Slide paper-width guide to the right until it stops at edge of paper.



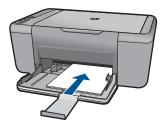
Load full-size paper

a. Slide paper-width guide to the left Slide paper-width guide to the left.



b. Load paper.

Insert stack of paper into input tray with short edge forward and print side down.



Slide stack of paper forward until it stops.

Slide paper-width guide to the right until it stops at edge of paper.



Load envelopes

a. Slide paper-width guide to the left.
 Slide paper-width guide to the left.



Remove all paper from the main input tray.

b. Load envelopes.

Insert one or more envelopes into far-right side of the input tray, with envelope flaps on left and facing up.

Slide stack of envelopes forward until it stops.

Slide paper-width guide to the right against stack of envelopes until it stops.



5 Scan

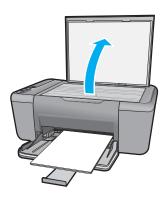
Scan to a computer

Scan to a computer

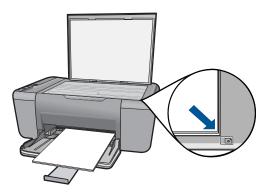
- NOTE: To scan to a computer, the HP All-in-One and computer must be connected and turned on. The HP Photosmart Software must also be installed and running on your computer prior to copying.
- ▲ To scan to a computer:

Single page scan

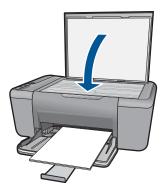
a. Load original.Lift lid on product.



Load original print side down on right front corner of glass.



Close lid.



b. Start scan.

Start the **Scan** job using the HP Photosmart Software.

c. Preview and accept.

Preview the scanned image and accept.

Related topics

"Stop the current job" on page 55

6 Copy

"Copy documents or photos" on page 29

Copy documents or photos

NOTE: To make copies, the HP All-in-One and computer must be connected and turned on. The HP Photosmart Software must also be installed and running on your computer prior to copying.

NOTE: Enlarge and reduce copy functionality is not available on all models.

▲ Do one of the following:

1-sided original to 1-sided copy

a. Load paper.

Load either small photo paper or full-size paper in the main input tray.

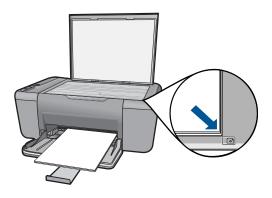


b. Load original.

Lift lid on product.



Load original print side down on right front corner of glass.



Close lid.

c. Start copy.

Press either Start Copy Black or Start Copy Color.

Related topics

"Stop the current job" on page 55

Work with cartridges

- Check the estimated ink levels
- Order ink supplies
- Automatically clean print cartridges
- Manually clean print cartridges
- Replace the cartridges
- Use ink-backup mode
- Cartridge warranty information

Check the estimated ink levels

You can easily check the ink supply level to determine how soon you might need to replace a cartridge. The ink supply level shows an estimate of the amount of ink remaining in the cartridges.



NOTE: If you have installed a refilled or remanufactured cartridge, or a cartridge that has been used in another printer, the ink level indicator might be inaccurate or unavailable.

NOTE: Ink level warnings and indicators provide estimates for planning purposes only. When you receive a low-ink warning message, consider having a replacement cartridge available to avoid possible printing delays. You do not have to replace the cartridges until the print quality is unacceptable.

NOTE: Ink from the cartridges is used in the printing process in a number of different ways, including in the initialization process, which prepares the product and cartridges for printing, and in printhead servicing, which keeps print nozzles clear and ink flowing smoothly. In addition, some residual ink is left in the cartridge after it is used. For more information, see www.hp.com/go/inkusage.

To check the ink levels from the HP Photosmart Software

▲ In the HP Solution Center, click the Estimated Ink Levels icon.



NOTE: You can also open the Printer Toolbox from the Print Properties dialog box. In the Print Properties dialog box, click the Features tab, and then click the Printer Services button.

Related topics

"Order ink supplies" on page 31

Order ink supplies

For a list of cartridge numbers, use the software that came with the HP All-in-One to find out the reorder number.

Find the cartridge number

1. In the HP Solution Center, click Settings, point to Print Settings, and then click Printer Toolbox



NOTE: You can also open the Printer Toolbox from the Print Properties dialog box. In the Print Properties dialog box, click the Features tab, and then click the Printer Services button.

The **Printer Toolbox** appears.

Click the Estimated Ink Level tab.

The estimated ink levels for the print cartridges appear. Use the menu at the bottom to select Cartridge details.

To order genuine HP supplies for the HP All-in-One, go to www.hp.com/buy/supplies. If prompted, choose your country/region, follow the prompts to select your product, and then click one of the shopping links on the page.



NOTE: Ordering cartridges online is not supported in all countries/regions. If it is not available in your country/region, you may still view supplies information and print a list for reference when shopping at a local HP reseller.

To order ink cartridges from your desktop

▲ To learn which HP supplies work with your printer, order supplies online, or create a printable shopping list, open HP Solution Center and select the online shopping feature.

Cartridge information and links to online shopping also appear on ink alert messages. In addition, you can find cartridge information and order online by visiting www.hp.com/buy/supplies.



NOTE: Ordering cartridges online is not supported in all countries/regions. If it is not available in your country/region, you may still view supplies information and print a list for reference when shopping at a local HP reseller.

Related topics

"Choose the right cartridges" on page 32

Choose the right cartridges

HP recommends that you use original HP cartridges. Original HP cartridges are designed and tested with HP printers to help you easily produce great results, time after time.

Related topics

"Order ink supplies" on page 31

Automatically clean print cartridges

If your printed pages are faded or if they contain ink streaks, the print cartridges might be low on ink or might need to be cleaned. For more information, see "Check the estimated ink levels" on page 31.

If the print cartridges are not low on ink, clean the print cartridges automatically.

△ CAUTION: Clean print cartridges only when necessary. Unnecessary cleaning wastes ink and shortens the life of the cartridge.

To clean the print cartridges

- In the HP Solution Center, click Settings. In the Print Settings area, click Printer Toolbox.
- Click Clean the Print Cartridges.
- 3. Click Clean, and then follow the onscreen instructions.

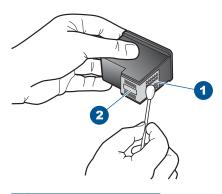
Manually clean print cartridges

Make sure you have the following materials available:

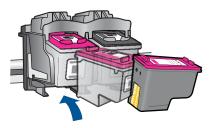
- Dry foam rubber swabs, lint-free cloth, or any soft material that will not come apart or leave fibers.
 - 文: TIP: Coffee filters are lint-free and work well for cleaning print cartridges.
- Distilled, filtered, or bottled water (tap water might contain contaminants that can damage the print cartridges).
 - △ **CAUTION:** Do **not** use platen cleaners or alcohol to clean the print cartridge contacts. These can damage the print cartridge or the product.

To clean the print cartridge contacts

- Turn on the product and open the print cartridge door.
 The print carriage moves to the center of the product.
- 2. Wait until the print carriage is idle and silent, and then unplug the power cord from the back of the product.
- Lightly press down on the print cartridge to release it, and then pull it towards you out of the slot.
 - NOTE: Do not remove both print cartridges at the same time. Remove and clean each print cartridge one at a time. Do not leave a print cartridge outside the HP All-in-One for more than 30 minutes.
- 4. Inspect the print cartridge contacts for ink and debris buildup.
- Dip a clean foam rubber swab or lint-free cloth into distilled water, and squeeze any excess water from it.
- **6.** Hold the print cartridge by its sides.
- Clean only the copper-colored contacts. Allow the print cartridges to dry for approximately ten minutes.



- 1 Copper-colored contacts
- 2 Ink nozzles (do not clean)
- 8. Hold the print cartridge with the HP logo on top, and insert the print cartridge back into the slot. Make sure you push the print cartridge in firmly until it snaps into place.

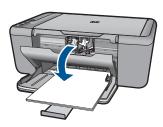


- 9. Repeat if necessary for the other print cartridge.
- Gently close the print cartridge door and plug the power cord into the back of the product.

Replace the cartridges

To replace the cartridges

- 1. Check power.
- 2. Remove cartridge.
 - a. Open cartridge door.



Wait for print carriage to move to center of the product.

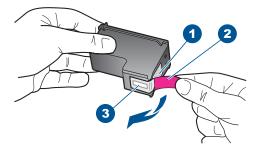
b. Press down to release cartridge, then remove it from slot.



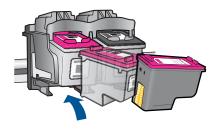
- 3. Insert new cartridge.
 - a. Remove cartridge from packaging.



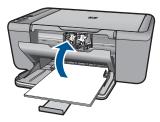
b. Remove plastic tape using pink pull tab.



c. Line up colored shaped icons, then slide cartridge into slot until it clicks into place.



d. Close cartridge door.



Align cartridges.

Related topics

- "Choose the right cartridges" on page 32
- "Order ink supplies" on page 31

Use ink-backup mode

Use the ink-backup mode to operate the HP All-in-One with only one print cartridge. The ink-backup mode is initiated when a print cartridge is removed from the print cartridge carriage. During ink-backup mode, the product can only print jobs from the computer.



NOTE: When the HP All-in-One operates in ink-backup mode, a message is displayed on screen. If the message is displayed and two print cartridges are installed in the product, verify that the protective piece of plastic tape has been removed from each print cartridge. When plastic tape covers the print cartridge contacts, the product cannot detect that the print cartridge is installed.

Exit ink-backup mode

Install two print cartridges in the HP All-in-One to exit ink-backup mode.

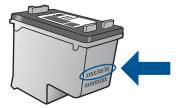
Related topics

"Replace the cartridges" on page 34

Cartridge warranty information

The HP cartridge warranty is applicable when the product is used in its designated HP printing device. This warranty does not cover HP ink products that have been refilled, remanufactured, refurbished, misused, or tampered with.

During the warranty period the product is covered as long as the HP ink is not depleted and the end of warranty date has not been reached. The end of warranty date, in YYYY/ MM/DD format, may be found on the product as indicated:



For a copy of the HP Limited Warranty Statement, see the printed documentation that came with the product.

8 Solve a problem

This section contains the following topics:

- HP support
- Setup troubleshooting
- Print troubleshooting
- Scan troubleshooting
- · Copy troubleshooting
- Errors

HP support

- Support process
- HP support by phone
- Additional warranty options

Support process

If you have a problem, follow these steps:

- 1. Check the documentation that came with the product.
- Visit the HP online support Web site at www.hp.com/support. HP online support is available to all HP customers. It is the fastest source for up-to-date product information and expert assistance and includes the following features:
 - Fast access to qualified online support specialists
 - Software and driver updates for the product
 - Valuable product and troubleshooting information for common problems
 - Proactive product updates, support alerts, and HP newsgrams that are available when you register the product
- Call HP support. Support options and availability vary by product, country/region, and language.

HP support by phone

Phone support options and availability vary by product, country/region, and language.

This section contains the following topics:

- Phone support period
- Placing a call
- Support phone numbers
- After the phone support period

Phone support period

One year of phone support is available in North America, Asia Pacific, and Latin America (including Mexico). To determine the duration of phone support in Europe, the Middle East, and Africa, go to www.hp.com/support. Standard phone company charges apply.

Placing a call

Call HP support while you are in front of the computer and the product. Be prepared to provide the following information:

- Product name (HP Deskjet F2400 All-in-One series)
- Serial number (located on the back or bottom of the product)
- Messages that appear when the situation occurs
- Answers to these questions:
 - Has this situation happened before?
 - Can you re-create it?
 - Did you add any new hardware or software to your computer at about the time that this situation began?
 - Did anything else occur prior to this situation (such as a thunderstorm, product was moved, etc.)?

Support phone numbers

For the most current HP list of telephone support numbers and call costs information, see www.hp.com/support.

After the phone support period

After the phone support period, help is available from HP at an additional cost. Help may also be available at the HP online support Web site: www.hp.com/support. Contact your HP dealer or call the support phone number for your country/region to learn more about support options.

Additional warranty options

Extended service plans are available for the HP All-in-One at additional costs. Go to www.hp.com/support, select your country/region and language, then explore the services and warranty area for information about the extended service plans.

Setup troubleshooting

This section contains setup troubleshooting information for the product.

Many issues are caused when the product is connected to the computer using a USB cable before the HP Photosmart software is installed on the computer. If you connected the product to your computer before the software installation screen prompts you to do so, you must follow these steps:

Troubleshooting common setup issues

- 1. Disconnect the USB cable from the computer.
- Uninstall the software (if you have already installed it).
 For more information, see "<u>Uninstall and reinstall the software</u>" on page 43.
- 3. Restart your computer.
- 4. Turn off the product, wait one minute, then restart it.
- 5. Reinstall the HP Photosmart software.

△ CAUTION: Do not connect the USB cable to the computer until prompted by the software installation screen.

This section contains the following topics:

- The product will not turn on
- After setting up the product, it does not print
- The registration screen does not appear
- Uninstall and reinstall the software

The product will not turn on

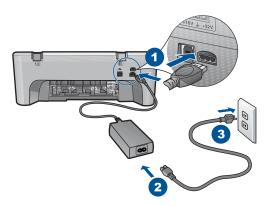
Try the following solutions to resolve the issue. Solutions are listed in order, with the most likely solution first. If the first solution does not solve the problem, continue trying the remaining solutions until the issue is resolved.

- Solution 1: Make sure the power cord is connected
- Solution 2: Press the On button more slowly

Solution 1: Make sure the power cord is connected

Solution:

 Make sure the power cord is firmly connected to both the product and the power adapter. Plug the power cord into a power outlet, surge protector, or power strip.



- 1 Power connection
- 2 Power cord and adapter
- If you are using a power strip, make sure the power strip is on. Or, try plugging the product directly into a power outlet.

- Test the power outlet to make sure it is working. Plug in an appliance that you
 know works, and see if the appliance has power. If not, then there might be a
 problem with the power outlet.
- If you plugged the product into a switched outlet, make sure the outlet is switched
 on. If it is switched to on but still does not work, then there might be a problem
 with the power outlet.

Cause: The product was not properly connected to a power supply.

If this did not solve the issue, try the next solution.

Solution 2: Press the On button more slowly

Solution: The product might not respond if you press the **On** button too quickly. Press the **On** button once. It might take a few minutes for the product to turn on. If you press the **On** button again during this time, you might turn the product off.

△ **CAUTION:** If the product still does not turn on, it might have a mechanical failure. Unplug the product from the power outlet.

Contact HP support for service.

Go to: www.hp.com/support. If prompted, choose your country/region, and then click **Contact HP** for information on calling for technical support.

Cause: You pressed the **On** button too quickly.

After setting up the product, it does not print

Try the following solutions to resolve the issue. Solutions are listed in order, with the most likely solution first. If the first solution does not solve the problem, continue trying the remaining solutions until the issue is resolved.

- Step 1: Press the On button to turn on the product
- Step 2: Set your product as the default printer
- Step 3: Check the connection between the product and computer

Step 1: Press the On button to turn on the product

Solution: Look at the **On** button located on the product. If it is not lit, the product is turned off. Make sure the power cord is firmly connected to the product and plugged into a power outlet. Press the **On** button to turn on the product.

Cause: The product might not have been turned on.

If this did not solve the issue, try the next solution.

Step 2: Set your product as the default printer

Solution: Use the system tools on your computer to change your product to be the default printer.

Cause: You sent the print job to the default printer, but this product was not the default printer.

If this did not solve the issue, try the next solution.

Step 3: Check the connection between the product and computer

Solution: Check the connection between the product and computer.

Cause: The product and computer were not communicating with each other.

If this did not solve the issue, try the next solution.

The registration screen does not appear

Solution: You can access the registration (Sign up now) screen from the Windows taskbar by clicking **Start**, pointing to **Programs** or **All Programs**, **HP**, **Deskjet F2400 All-in-One series**, and then clicking **Product Registration**.

Cause: The registration screen did not launch automatically.

Uninstall and reinstall the software

If your installation is incomplete, or if you connected the USB cable to the computer before prompted by the software installation screen, you might need to uninstall and then reinstall the software. Do not simply delete the HP All-in-One application files from your computer. Make sure to remove them properly using the uninstall utility provided when you installed the software that came with the HP All-in-One.

To uninstall and reinstall the software

- On the Windows taskbar, click Start, Settings, Control Panel (or just Control Panel).
- 2. Double-click Add/Remove Programs (or click Uninstall a program).
- Select HP Photosmart All-In-One Driver Software, and then click Change/ Remove.

Follow the onscreen instructions.

- 4. Disconnect the product from your computer.
- 5. Restart your computer.
 - NOTE: It is important that you disconnect the product before restarting your computer. Do not connect the product to your computer until after you have reinstalled the software.

6. Insert the product CD-ROM into your computer's CD-ROM drive and then start the Setup program.

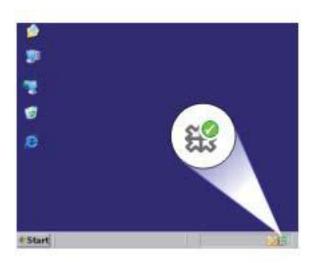


NOTE: If the Setup program does not appear, locate the setup.exe file on the CD-ROM drive and double-click it.

NOTE: If you no longer have the installation CD, you can download the software from www.hp.com/support.

7. Follow the onscreen instructions and the instructions provided in the printed documentation that came with the product.

When the software installation is complete, the **HP Digital Imaging Monitor** icon appears in the Windows system tray.



Print troubleshooting

Try the following solutions to resolve the issue. Solutions are listed in order, with the most likely solution first. If the first solution does not solve the problem, continue trying the remaining solutions until the issue is resolved.

- Check cartridges
- Check paper
- Check product
- Check printer settings
- Reset the product
- Contact HP support

Check cartridges

Try the following solutions.

Step 1: Make sure you are using genuine HP ink cartridges

Step 2: Check the ink levels

Step 1: Make sure you are using genuine HP ink cartridges

Solution: Check to see if your ink cartridges are genuine HP ink cartridges.

HP recommends that you use genuine HP ink cartridges. Genuine HP ink cartridges are designed and tested with HP printers to help you easily produce great results, time after time.

NOTE: HP cannot guarantee the quality or reliability of non-HP supplies. Product service or repairs required as a result of using a non-HP supply will not be covered under warranty.

If you believe you purchased genuine HP ink cartridges, go to:

www.hp.com/go/anticounterfeit

Cause: Non-HP ink cartridges were being used.

If this did not solve the issue, try the next solution.

Step 2: Check the ink levels

Solution: Check the estimated ink levels in the cartridges.



NOTE: Ink level warnings and indicators provide estimates for planning purposes only. When you receive a low-ink warning message, consider having a replacement cartridge available to avoid possible printing delays. You do not need to replace the cartridges until print quality becomes unacceptable.

For more information, see:

"Check the estimated ink levels" on page 31

Cause: The ink cartridges might have insufficient ink.

If this did not solve the issue, try the next solution.

Check paper

Try the following solutions.

- Step 1: Make sure only one type of paper is loaded
- Step 2: Load the stack of paper correctly

Step 1: Make sure only one type of paper is loaded

Solution: Load only one type of paper at a time.

Cause: More than one type of paper was loaded in the input tray.

If this did not solve the issue, try the next solution.

Step 2: Load the stack of paper correctly

Solution: Remove the stack of paper from the input tray, reload the paper, and then slide the paper width guide inward until it stops at the edge of the paper.

For more information, see:

"Load media" on page 23

Cause: The paper guides were not positioned correctly.

Check product

Try the following solutions.

- Solution 1: Align the print cartridges
- Solution 2: Automatically clean the print cartridges.

Solution 1: Align the print cartridges

Solution: Aligning the print cartridges can help ensure high-quality output.

To align the print cartridges from the HP Photosmart Software

- 1. Load letter or A4 unused plain white paper into the paper tray.
- In the HP Solution Center, click Settings.
- 3. In the Print Settings area, click Printer Toolbox.
 - NOTE: You can also open the Printer Toolbox from the Print Properties dialog box. In the Print Properties dialog box, click the Features tab, and then click Printer Services.

The **Printer Toolbox** appears.

- 4. Click the Device Services tab.
- 5. Click Align the Print Cartridges.
- 6. Click Align, and then follow the onscreen instructions. The HP All-in-One prints a test page, aligns the print cartridges, and calibrates the printer. Recycle or discard the test page.

Cause: The printer needed to be aligned.

If this did not solve the issue, try the next solution.

Solution 2: Automatically clean the print cartridges.

Solution: Clean the print cartridges.

For more information, see "Automatically clean print cartridges" on page 32

Cause: The print cartridge nozzles needed to be cleaned.

If this did not solve the issue, try the next solution.

Check printer settings

Try the following solutions.

- Step 1: Check the print settings
- Step 2: Verify the paper size setting
- Step 3: Check the printer margins

Step 1: Check the print settings

Solution: Check the print settings.

- Check the print settings to see if the color settings are incorrect. For example, check to see if the document is set to print in grayscale. Or, check to see if advanced color settings such as saturation, brightness, or color tone, are set to modify the appearance of colors.
- Check the print quality setting and make sure it matches the type of paper loaded in the product.
 - You might need to choose a lower print quality setting, if colors are running into each other. Or, choose a higher setting if you are printing a high-quality photo, and then make sure photo paper such as HP Advanced Photo Paper, is loaded in the input tray.

NOTE: On some computer screens, colors might appear differently than they do when printed on paper. In this case, there is nothing wrong with the product, print settings, or ink cartridges. No further troubleshooting is required.

Cause: The print settings were set incorrectly.

If this did not solve the issue, try the next solution.

Step 2: Verify the paper size setting

Solution: Verify that you have selected the proper paper size setting for your project. Make sure that you have loaded the correct paper size in the input tray.

Cause: The paper size setting might not have been set correctly for the project you were printing.

If this did not solve the issue, try the next solution.

Step 3: Check the printer margins

Solution: Check the printer margins.

Make sure the margin settings for the document do not exceed the printable area of the product.

To check your margin settings

- Preview your print job before sending it to the product.
 In most software applications, click the File menu, and then click Print Preview.
- 2. Check the margins.
 - The product uses the margins you have set in your software application, as long as they are greater than the minimum margins the product supports. For more information about setting margins in your software application, see the documentation that came with the software.
- 3. Cancel the print job if the margins are not satisfactory, and then adjust the margins in your software application.

Cause: The margins were not set correctly in your software application.

If this did not solve the issue, try the next solution.

Reset the product

Solution: Turn off the product, and then unplug the power cord. Plug the power cord back in, and then press the **On** button to turn on the product.

Cause: The product experienced an error.

If this did not solve the issue, try the next solution.

Contact HP support

Solution: Contact HP support for service.

Go to: www.hp.com/support.

If prompted, choose your country/region, and then click **Contact HP** for information on calling for technical support.

Cause: The ink cartridges were not intended for use in this product.

Scan troubleshooting

Use this section to solve these scan problems:

- Scanned image is incorrectly cropped
- Scanned image shows dotted lines instead of text
- Text format is incorrect
- Text is incorrect or missing

Scanned image is incorrectly cropped

Solution: The autocropping feature in the HP Solution Center software crops anything that is not part of the main image. Sometimes this might not be what you

want. In that case, turn off autocropping in the HP Solution Center software and crop the scanned image manually, or not at all.

Cause: The software was set to automatically crop scanned pictures.

Scanned image shows dotted lines instead of text

Solution: Make a black-and-white copy of the original and then scan the copy.

Cause: If you used the **Text** image type to scan text that you planned to edit, the scanner might not have recognized color text. The **Text** image type scans at 300 x 300 dpi, in black and white.

If you scanned an original that has graphics or artwork surrounding the text, the scanner might not have recognized the text.

Text format is incorrect

Solution: Some applications cannot handle framed text formatting. Framed text is one of the scan document settings in the software. It maintains complex layouts, such as multiple columns from a newsletter, by putting the text in different frames (boxes) in the destination application. In the software, select the correct format so that the scanned text layout and formatting are retained.

Cause: The scan document settings were incorrect.

Text is incorrect or missing

Try the following solutions to resolve the issue. Solutions are listed in order, with the most likely solution first. If the first solution does not solve the problem, continue trying the remaining solutions until the issue is resolved.

- Solution 1: Adjust the brightness in the software
- Solution 2: Clean the glass and lid

Solution 1: Adjust the brightness in the software

Solution: Adjust the brightness in the software, and then rescan the original.

Cause: The brightness was not set correctly.

If this did not solve the issue, try the next solution.

Solution 2: Clean the glass and lid

Solution: Turn off the product, unplug the power cord, and use a soft cloth to wipe the glass and the back of the document lid.

Cause: Debris might have been stuck on the glass or on the back of the document lid. This can cause poor-quality scans.

Copy troubleshooting

Use this section to solve these copy problems:

- Parts of the original do not appear or are cut off
- The printout is blank

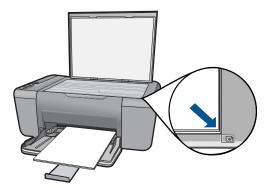
Parts of the original do not appear or are cut off

Try the following solutions to resolve the issue. Solutions are listed in order, with the most likely solution first. If the first solution does not solve the problem, continue trying the remaining solutions until the issue is resolved.

- Solution 1: Place the original correctly on the glass
- Solution 2: Clean the scanner glass

Solution 1: Place the original correctly on the glass

Solution: Load your original print side down on the right front corner of the glass.



Cause: The original was placed incorrectly on the glass.

If this did not solve the issue, try the next solution.

Solution 2: Clean the scanner glass

Solution: Clean the scanner glass and make sure that there are no foreign materials adhering to it.

Cause: The scanner glass was dirty, causing the product to include an area in the copy that was larger than the document.

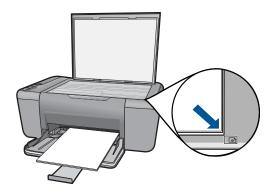
The printout is blank

Try the following solutions to resolve the issue. Solutions are listed in order, with the most likely solution first. If the first solution does not solve the problem, continue trying the remaining solutions until the issue is resolved.

- Solution 1: Place the original correctly on the glass
- Solution 2: Check the ink levels in the print cartridges

Solution 1: Place the original correctly on the glass

Solution: Load your original print side down on the right front corner of the glass.



Cause: The original was placed incorrectly on the glass.

If this did not solve the issue, try the next solution.

Solution 2: Check the ink levels in the print cartridges

Solution: Check the estimated ink levels remaining in the print cartridges.



NOTE: Ink level warnings and indicators provide estimates for planning purposes only. When you receive a low-ink warning message, consider having a replacement cartridge available to avoid possible printing delays. You do not need to replace the print cartridges until print quality becomes unacceptable.

If there is ink remaining in the print cartridges, but you are still noticing a problem, print a self-test report to determine if there is a problem with the print cartridges. If the self-test report shows a problem, clean the print cartridges. If the problem persists, you might need to replace the print cartridges.

Cause: The print cartridges needed to be cleaned or there was insufficient ink.

Errors

This section contains the following categories of messages about your product:

- Flashing lights
- Printing in ink-backup mode

Flashing lights

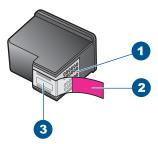
The lights on the product flash in special sequences to inform you about various error conditions. Refer to the following table for information on solving your error condition based on which lights are on or flashing on the product.

On light	Attention light	Ink attention lights	Description	Solution	
Off	Off	Off	The product is turned off.	Press the On button to turn the product on.	
Blinking	Off	Off	The product is processing a job.	Wait for the product to finish.	
On	Fast blinking	On	The tape was not removed from one or both print cartridges.	Remove the print cartridge, remove tape, and reinsert the print cartridge.	
On	Fast blinking	Off	The product is out of paper. The product has a paper jam.	Load paper and press any button to continue.	
				Clear the paper jam, and then press Resume.	
On	Fast blinking	Off	The front access door or the print cartridge access door is open.	Close the front access door or the print cartridge access door.	
On	Fast blinking	Fast blinking	The print cartridges are missing or not seated correctly. The print cartridge might be defective. The tape was not removed from one or both print cartridges. The print cartridge is not intended for use in this product.	Install or remove and reinsert print cartridges. For information about manually cleaning the print cartridges, see "Manually clean print cartridges" on page 33. Remove the print	
				cartridge, remove tape, and reinsert the print cartridge.	
				The print cartridge might not be supported for use in the product. For more information about compatible print cartridges, see "Order ink supplies" on page 31	
On	Fast blinking	Both fast blinking	The print carriage is stalled.	Open the front access door, and	

On light	Attention light	Ink attention lights	Description	Solution
				check that the carriage is not blocked.
Fast blinking	Fast blinking	Both fast blinking	The product has a fatal error.	 Turn off the product. Unplug the power cord. Wait a minute, then plug the power cord back in. Turn on the product. If the problem persists, contact HP Support.
On	Off	On	Print cartridge(s) are getting low on ink.	Replace one or both print cartridges when print quality is no longer acceptable.
On	Off	Tri-color print cartridge light On Black print cartridge light Off	The tri-color print cartridge is getting low on ink. The tri-color print cartridge has been removed.	Replace the tri-color print cartridge when print quality is no longer acceptable.
				Replace the tri-color print cartridge, or print in ink-backup mode with the black print cartridge. For more information, see "Printing in ink-backup mode" on page 54.
On	Off	Tri-color print cartridge light Off Black print cartridge light On	The black print cartridge is getting low on ink. The black print cartridge has been removed.	Replace the black print cartridge when print quality is no longer acceptable.
				Replace the black print cartridge, or print in ink-backup mode with the tricolor print cartridge. For more information, see "Printing in ink-backup mode" on page 54.

Printing in ink-backup mode

Solution: If you receive the ink-backup mode message and two print cartridges are installed in the product, verify that the protective piece of plastic tape has been removed from each print cartridge. When plastic tape covers the print cartridge contacts, the product cannot detect that the print cartridge is installed.



- 1 Copper-colored contacts
- 2 Plastic tape with pink pull tab (must be removed before installing)
- 3 Ink nozzles under tape

Cause: When the product detected that only one print cartridge is installed, ink-backup mode is initiated. This printing mode lets you print with a single print cartridge, but it slows the product and affects the quality of printouts.

9 Stop the current job

To stop a print job from the HP All-in-One

▲ Press **Cancel** on the control panel. If the print job does not stop, press **Cancel** again. It can take a few moments for printing to be cancelled.

10 Technical information

The technical specifications and international regulatory information for the HP All-in-One are provided in this section.

For additional specifications, see the printed documentation that came with the HP All-in-One.

This section contains the following topics:

- Notice
- Specifications
- Environmental product stewardship program
- Regulatory notices

Notice

Hewlett-Packard Company notices

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Specifications

Technical specifications for the HP All-in-One are provided in this section. For complete product specifications, see the Product Data Sheet at www.hp.com/support.

System requirements

Software and system requirements are located in the Readme file.

For information about future operating system releases and support, visit the HP online support Web site at www.hp.com/support.

Environmental specifications

- Recommended operating temperature range: 15 °C to 32 °C (59 °F to 90 °F)
- Allowable operating temperature range: 5 °C to 40 °C (41 °F to 104 °F)
- Humidity: 15% to 80% RH non-condensing; 28 °C maximum dewpoint
- Non-operating (Storage) temperature range: -40 °C to 60 °C (-40 °F to 140 °F)
- In the presence of high electromagnetic fields, it is possible the output from the HP All-in-One may be slightly distorted
- HP recommends using a USB cable less than or equal to 3 m (10 feet) in length to minimize injected noise due to potential high electromagnetic fields

Paper tray capacity

Plain paper sheets (75 g/m² [20 lb]): Up to 80

Envelopes: Up to 10 Index cards: Up to 30

Photo paper sheets: Up to 30

Paper size

For a complete list of supported media sizes, see the printer software.

Paper weights

Plain Paper: 75 to 90 g/m² (20 to 24 lb) Envelopes: 75 to 90 g/m² (20 to 24 lb)

Cards: Up to 200 g/m² (110-lb index maximum)

Photo Paper: Up to 280 g/m² (75 lb)

Print specifications

· Print speeds vary according to the complexity of the document

Panorama-size printing

· Method: drop-on-demand thermal inkjet

Language: PCL3 GUI

Copy specifications

- Digital image processing
- Maximum number of copies varies by model
- Copy speeds vary according to the complexity of the document and model
- Maximum copy enlargement ranging from 200-400% (depends on model)
- Maximum copy reduction ranging from 25-50% (depends on model)
- Copy enlargement and reduction functionality not available on all models

Scan specifications

- Image editor included
- Twain-compliant software interface
- Resolution: up to 1200 x 2400 ppi optical (HP Deskjet F2420/2423 models up to 1200 x 1200 ppi)

For more information about ppi resolution, see the scanner software.

- Color: 48-bit color, 8-bit grayscale (256 levels of gray)
- Maximum scan size from glass: 21.6 x 29.7 cm (8.5 x 11.7 inches)

Print resolution

To find out about the printer resolution, see the printer software. For more information, see "<u>View</u> the print resolution" on page 19.

Cartridge yield

Visit www.hp.com/go/learnaboutsupplies for more information on estimated cartridge yields.

Acoustic information

If you have Internet access, you can get acoustic information from the HP Web site. Go to: www.hp.com/support.

Environmental product stewardship program

Hewlett-Packard is committed to providing quality products in an environmentally sound manner. Design for recycling has been incorporated into this product. The number of materials has been kept to a minimum while ensuring proper functionality and reliability. Dissimilar materials have been designed to separate easily. Fasteners and other connections are easy to locate, access, and remove using common tools. High priority parts have been designed to access quickly for efficient disassembly and repair.

For more information, visit HP's Commitment to the Environment Web site at:

www.hp.com/hpinfo/globalcitizenship/environment/index.html

This section contains the following topics:

- Eco-Tips
- Paper use
- Plastics
- Material safety data sheets
- Recycling program
- HP inkjet supplies recycling program
- · Power consumption
- Disposal of waste equipment by users in private households in the European Union
- · Chemical Substances

Eco-Tips

HP is committed to helping customers reduce their environmental footprint. HP has provided the Eco-Tips below to help you focus on ways to assess and reduce the impact of your printing choices. In addition to specific features in this product, please visit the HP Eco Solutions web site for more information on HP's environmental initiatives.

www.hp.com/hpinfo/globalcitizenship/environment/

Your product's Eco features

- Smart Web printing: The HP Smart Web Printing interface includes a Clip Book and Edit Clips window where you can store, organize, or print clips you have gathered from the Web. For more information, see "Print a Web page" on page 17.
- Energy Savings information: To determine the ENERGY STAR® qualification status for this
 product, see "Power consumption" on page 59.
- Recycled Materials: For more information regarding recycling of HP products, please visit: www.hp.com/hpinfo/globalcitizenship/environment/recycle/

Paper use

This product is suited for the use of recycled paper according to DIN 19309 and EN 12281:2002.

Plastics

Plastic parts over 25 grams are marked according to international standards that enhance the ability to identify plastics for recycling purposes at the end of product life.

Material safety data sheets

Material safety data sheets (MSDS) can be obtained from the HP Web site at: www.hp.com/qo/msds

Recycling program

HP offers an increasing number of product return and recycling programs in many countries/regions, and partners with some of the largest electronic recycling centers throughout the world. HP conserves resources by reselling some of its most popular products. For more information regarding recycling of HP products, please visit:

www.hp.com/hpinfo/globalcitizenship/environment/recycle/

HP inkjet supplies recycling program

HP is committed to protecting the environment. The HP Inkjet Supplies Recycling Program is available in many countries/regions, and lets you recycle used print cartridges and ink cartridges free of charge. For more information, go to the following Web site:

www.hp.com/hpinfo/globalcitizenship/environment/recycle/

Power consumption

Power usage drops significantly while in Sleep mode, which saves natural resources and saves money without affecting the high performance of this product. To determine the ENERGY STAR®

qualification status for this product see the Product Data Sheet or Specifications Sheet. Qualified products are also listed at www.hp.com/go/energystar.

Disposal of waste equipment by users in private households in the European Union



Disposal of Waste Equipment by Users in Private Households in the European Union
This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by hondrig a over to a designed collection point for the recycling of your waste equipment of the time of disposal will help to conserve natural resources and ensure that it is expected in a name that protects famous health and the environment. For more information about where you can doub offly you waste equipment for recycling, please control you local cyber (exp. your houseful downs the disposal service or the slop where you purchased the product.

Focusorilon des équipements usagés par les utilisateurs dans les foyers privés au sein de l'Union européenne.

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Entsorgung von Elektrogeräten durch Benutzer in privaten Housholfen in der EU

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Guesto similato, de appare sal produto a sulta confestore indica che il prodotto non dieve essere smallito gasieme agli chir rifini domestici. Cli steril deveno providere alla
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is servizio a innottimento dei rinui focione o il negozio presso il quota è stabi ocquistato il prodotto.

Eliminacción de residuous de apparatos electrizos y electrizonisco por parte de usuarios domésticos en la Unión Europea.

Este simbolo en el producto o en el emboligie indicio que no se puede desechar el producto junto con los insidiosis domésticos. Por el continos, si debe eliminar este lipo de residuo, es
repronabilidade del segurio entergenir en en junto de escogio designado de recidiodo designado de recidiodo de la producto destructorios y eléctricos. El electrizo y lo recogida por separado de estos residuos

lugares donde puede dejar estos residuos para su reciclado, póngase en cortacto con las autoridades locales de su ciudad, con el servicio de gestión de residuos domésticos o con la

literad adrondo degidar de producto.

likvidace vysloužilého zařízení užívateli v domácnosti v zemích EU
lato značka na produštu nebo na jeho obobu oznaciuj, že tento produk nesmí být likvidaván prostým vyhozením do běžného domovního odpodu. Odpovídale za to, že vysloužilého zařízení suda počením klivácad os knovených žehných nati tračných k recyklaci vysloužilých elektrokých zařízení. Likvidace vysloužilého zařízení samostatným sběrem a recyklaci napomáho zachování přírodních zárojú a zajstívu, je ze necyklace proběhne způsobem dvráníchí mláké zdráví a živoní prostění. Doblí nirodnece to nni, kan vysloužilé zařízení předet k recyklaci, naližeže záskad ví drávění a živoního másti samosprávy, ož splectností prostácjí ovaz o litvácod domorního odpadu obevo obchodu, kle zi jet posl.

Bortskaffelse af affaldsudstyr for brugere i private husholdninger i EU

Dette symbol på produktel eller på dets embollage indiktere, at produktel ikke må bortskaffelse sammen med andet husholdningsaffald. I stedet er det dit ansvar at bortskaffe affaldsudst at allevene det på det embollage standsminingsakter med herbilik på geleturog af elektrink og efektronsk diflaktudstyr. Den separate indamling og gentrug af dit affaldsuds träpprikter for bortskaffelse er med til ar bevære attallige resourcer og sike, at gentrug finder sted på en måde, der beskytter memsetten helbed samt millged. Hvis da vil vider om, hor at lak an lædere att affaldsudstyr i gjentlag, kan du kontable kommæne, der folkale remoteriorsværene leder den fortenning, hor da kalbe produktet.

om, nor as an anierca at anabasaym i genorgi, an au soniciae summuner, per locule retrodinativemen eine den fortening, mor au sace producer. Afforer van digedankte apparatuur door gebruikeeris in partifullere huishoudens in de Europese Unie. Dit symbool op het product of de verpoksing geeft aan dat dit product niet mag worden algevoerd met het huishoudelisk drok. Het is uw verantwoordelijkheid uw algedankte opparatuur of le leveren op een aanageween inzanteignelijv voor de ververkrijn van algedankte elektrische en elektronische apparatuur. De gescheden inzameling en ververkriig van uw algedankte opparatuur droagt bij tot het sporen van natuurlijke bronnen en tot het heispebruik van moteriaal op een wijze die de volksgezondheid en het milieb beschernt. Voor meer informatie over van verd geschinde opparatuur kant heiseen voor expelling kant u condoct operiene met het gemeentellus in uw voorpalands, de reiningsprach de vielkelwaru ut het product.

Termajoplamistes kasutuselt kõrvaldatavate seadmete käitlemine Euroopa Liidus Kiin toole sõi toola polendil on see siinbol, ei tohi sada toodet viaata olmejäämele hulla. Tiek lohva on viita tohekis muutund seade valleks ettenähtid elektri ja elektroonika uliliseerimiaksal. Auliiseerimiaksal valliseerimiaksal valliseerimiaksal valliseerimiaksal valliseerimiaksal valliseerimiaksal valliseerimiaksa valliseerimiaksa valliseerimiaksa valliseerimiaksa valliseerimiaksa valliseerimiaksa valliseerimiaksa valliseerimiaksa valliseerimiasan valliseerimise

Herhettivien laitteiden käsittely koittelouksissa Europpan untenin eluselle ann koltenes pis sen polkauksesa olean mehrikos aotious, otta hatesta via abbritato slavajatteiden mukana. Koyttojan vehollisuus on huolehtia siitä, etta haiviettävä laite simitetoan sahko, ja elektroniikskolteronun kerryapitesesen. Hovitettivien laitteiden elillinen kerryap ja keerryla saädada luonnomaraja. Nain taminimallova miselataan ja oli saatusta ol

Απόρρικη έχηρηστων συσκευών στην Ευρωπαϊκή Τένωση.
Το πορόν σμέρδιο στο εξαιλισμό ή στη συρκευσία του υποδιακέα ότι το προίον αυτό δεν πρέτειν να πεισχεί μοζί με άλλο ονισικό απορρίμματα. Αγέθετα, ευθώνη σας είναν το λέγη το προίον συρκευσία του υποδιακέα ότι το προίον αυτό δεν πρέτει να πεισχεί μοζί με άλλο ονισικό απορρίμματα. Αγέθετα, ευθώνη στο καινό το προσοσιατίσε το μετά το προσοσιατίσε το μετά το προσοσιατίσε το μετά το προσοσιατίσε το μετά τον συρκευσία το προίον συρκευσία αυτό το προίον συρκευσία το προίον συρκορικές είχαι με το πού μπορείτε να απορρίμετα τις άχρησες συσκευές για ανακεύλωση, επικοινωνήσει με τις κατά τόπους ορμόδει απόρει το προίον.

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to nodado inauditája sovidanos velse, is listí veisla nederiga elektrisků ne elektriská aprolijuma ordavežia postrade. Specióla nederigás ierices soviásana van orterizěpí pastrade
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polidat todají soviásana velse, is listí veisla nederiga elektrisků ne elektriská aprolijuma ordavite.

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Persopas Squingos variotoly ir privaciju namų viklų nileikamos į rangos Eimelimas. Sis aimbolis art produkto arto po paluotes nuodo, kad produkta regali bils ilimetas kartu sikionis namų viklo alifekomis, jūrgas privalote ilimetas varo artiekamą irangą atiduodami ją cileikamos jedenkomas ir iedektos ingaros pardicilmos parktas. Je alifekamos jaros pas atidas viklorinis namų viklo alifekomis, jūrgas privalote ilimetas varos cileikamą irangą atiduodami ją cileikamos jaros pardicilinos parktas. Je alifekamos jaros karties varos pardicilinos parktas particilinos particilinos

offiely tivetimo timylya arbo i pariduotwe, kuraje princte produktą.

Wylizacja użyżytego sprzęty przez użytykowników domowych w Unil Europejskiej

Symbol Ne mieszczom na podukcie lub opokowniu cznacza, że tego produkti ne indez wyrzucać razem z innymi odpadami domowymi. Użytkownik jest odpowiedzialny za
odataczenie użyżycej sarzęty do wyrzaczonepo postkie producejskiej odpowiedzialny za
odataczenie użyżycej sarzęty do wyrzaczonepo postkiej producejskiej odpowiedzialny za
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odataczenie użyżycej sarzęty do wyrzaczonepo postkiej odpowie użycejskiej użyżych urządzeń elektrycznych i elektronicznych. Ciromodzenie ociono i necyklinej lego typu odpodow
przycznych za dopowiedzialnych wyraczenie odpowie użycejskiej odpowie użycejskiej odpowiedzialnych od podataczenie użycejskiej odpowiedzialnych od podataczenie użycejskiej odpowiedzialnych od podataczenie użycejskiej odpowiedzialnych od podataczenie użycejskiej odpowiedzialnych odpowiedz

uzgiasci u oppowednich wadzi slotanjinch, w przesiepsoralwie zajmującym se uswaniem oppodow lub w miejocu zastopu produkti.

Descarde de equipmementos por uswańościo sem ersieficinacia da Uniba Dervopcia
Este simbola no produko u na embologiem indicia que o produla nijo pode ser descardado junko com la lub odmeśstico. No entante, é suo responsabilidade levar os equipmementos
a seem descardado u nu ponita de celota designado para o reciclogem de equipmemento seletro-delloriticos. A coleda separada e a reciclogem do equipmemento a descarde logidam na conservação das recursos naturais e garantem que o expupementos serios reciclodas de forma a proteger a saúde das pessoas e o meio ambiente. Paro obter ma dimempocas subserio de descardar equipmementos para reciclogem, ente em contrato con o escricitio loca de sus caldado, a serviço de linguaz política de sub bairro ou a logi lom que

Postup používeteľov v kraljnách Európskej únie pri vyhadzovaní zarladenia v domácom používaní do odpadu
Jento symbol na produkte debo na jeho obola: zamemeň, že nesmie by vyhodený s irým komunálným odpodam. Namieslo hlo máte povinnos odovzda toto zarladenie na zbermo
mieste, kde sz azberepcije recyklácia odkráckých a delektorých a radiedni. Separovanj zber a rezyklácia zariadenia verteného na odpod pomôže chrání prirodné zdroje a
zabezpecí loký spácob recyklácia, ktorý bude chrání ľudské zdrovie a živnite prastredle. Dálše informácie o separovanom zbere a recyklácií zislade na mieslnom obecnom úrode,
vo líme zabezpecílnýcie zber váslo komunáleho odpodu obbo v predalní, kde se produkt kapit.

vo timme zavespecujovej zver vano tomiuranemo opipau area v presanji, ne se is provinu knjin.
Ravrunaje z adpodna opremo v gaspodinjetvih zanortig Tevrapske unije
Ta zrak na izdelku ali embilati židelku pomeni, da izdelka ne smele odlogati skupoj z drugimi gospodinjskimi odpadila. Odpadno opremo se dožini oddati na določenem z birm
enestu za recklima odpodane elektrinic e preme. Z ločenim z birmjeni in reckliranjem odpadne opremo se odloganju boste pomagali ohranili naravne vire in zagada bo odpadna opremo reckliranta bika, da se varuje zdavrje ljudi in okolje. Već informacij o mestih, kjer lahko oddate odpadno opremo za reckliranje, lahko dobite na občini,
v komuniteme podljevil od izgavini, kjer sa tedelek kupili.

Kassering av fishrokkningsmetellend, för hem- och privatanvändare i EU
Produkter eller produktionpart med den här ymbolen för inte lassens med vanligt hukhållsorfall. I stället har du ansvar för att produkte lämnas till en behärig återvinningsstation
för handering over åch elektronistjavdokker. Genom att lämna kassende produkter till disrenninnin þildper du till att bevara värar generssamma nahumas till en behärig återvinningsstation
för handering over åch elektronistjavdokker. Genom att lämna kassende produkter till disrenninnin þildper du till att bevara värar generssamma nahumas till bevara värar generssamma nahumas status skyldas bäde
människar och milljan när produkter återvinns på rätt sätt. Kommunala myndigheter, sophanteringslöretag eller butken där varan köptes kan ge mer information om var du lämnar
kassende produkter för återvinninnin.

Махариание на оборудающих отпорации от потребитали в мастим довожениется в Европийским смог Махариание наружений образование у положений в неоругот не утфор до от изварять вогрего с доможноствей отпорации. Вее ниште отпосресств да извъргите оборудають с до отворать не утфор с доможностве отпорации. Вее ниште отпорасств да извъргите оборудають с доможностве отпорации в при извъргите доможност образование до отпорации до отпорации до утфор отпорации от пределение от потредение не отпорации от пределение от пределение отпорации и потредение от пределение от пределениется от пределение образование от пределение о

Colopine no orraquie sini. C autorisso, or somo ce apoprient propayros Influturence echippementelor uzude de côtre utilizatorioli cannici din Uniunea Europeană. Acesi simbol de pe produs asu de pe ambolojul produsului micio fapiti cò acesi produs nu trebuie aruncra olaturi de celebite despeuir casnice. In loc să procedarji astlet, aveji esponabilitate so in debrarosi de estipamentului aura pendidului în un centru de celebitene desamare pentru recicleres despeuire electice şi q, echipamentolo electronic. Estimatori de celebitatori de consideratori de celebite desamare pentru recicleres despeuire electrice şi q, echipamentolo electronic protejează sărbitatea umană și medul. Fettru informațiii splimentare despera locul în care se poate preda echipamentul uzari pentru reciclore, lugii legătura cu primăria localo, cu serviciul de solubitate asu cu vinazional de la core și olicifiironal produsul.

Chemical Substances

HP is committed to providing our customers with information about the chemical substances in our products as needed to comply with legal requirements such as REACH (*Regulation EC No 1907/2006 of the European Parliament and the Council*). A chemical information report for this product can be found at: www.hp.com/go/reach.

Regulatory notices

The HP All-in-One meets product requirements from regulatory agencies in your country/region. This section contains the following topics:

- Regulatory model identification number
- · FCC statement
- Notice to users in Korea
- VCCI (Class B) compliance statement for users in Japan
- Notice to users in Japan about the power cord
- HP Deskjet F2400 All-in-One series declaration of conformity

Regulatory model identification number

For regulatory identification purposes, your product is assigned a Regulatory Model Number. The Regulatory Model Number for your product is SNPRH-0806. This regulatory number should not be confused with the marketing name (HP Deskjet F2400 All-in-One series, etc.) or product numbers (CB730A, etc.).

FCC statement

FCC statement

The United States Federal Communications Commission (in 47 CFR 15.105) has specified that the following notice be brought to the attention of users of this product.

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 the receiving antenna.
- Increase the separation between the equipment and the 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.

For further information, contact:

Manager of Corporate Product Regulations Hewlett-Packard Company 3000 Hanover Street Palo Alto, Ca 94304 (650) 857-1501

Modifications (part 15.21)

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by HP may void the user's authority to operate the equipment.

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.

Notice to users in Korea

B 급 기기(가정용 방송통신기기)

이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주 로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사 용할 수 있습니다.

VCCI (Class B) compliance statement for users in Japan

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。

Notice to users in Japan about the power cord

製品には、同梱された電源コードをお使い下さい。 同梱された電源コードは、他の製品では使用出来ません。

HP Deskjet F2400 All-in-One series declaration of conformity



DECLARATION OF CONFORMITY

according to ISO/IEC 17050-1 and EN 17050-1

DoC #: SNPRH-0806

Supplier's Name: Supplier's Address: **Hewlett-Packard Company**

20, Jia Feng Road Waigaoqiao Free Trade Zone Pudong, Shanghai, PRC

200131

declares, that the product

HP Deskjet F2400 Series and HP Deskjet Ink Advantage AiO

Product Name and Model: HP Deskjet F2
Regulatory Model Number: 1) SNPRH-0806

Product Options:

All

Conforms to the following Product Specifications and Regulations:

EMC:

CISPR 22: 2005 / EN 55022: 2006 Class B EN 55024:1998 + A1:2001 + A2:2003 EN 61000-3-2: 2006 EN61000-3-3:1995+A1:2001+A2:2005 FCC CFR 47 Part 15 Class B / ICES-003,Issue 4 Class B

Safety:

EN 60950-1:2001+A11: 2004 / IEC 60950-1:2001 EN 60825-1 1994+A1:2002+A2:2001

Environment:

WEEE Directive 2002/96/EC RoHS Directive 2002/95/EC.

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.

The product herewith complies with the requirements of the Low Voltage Directive 2006/95/EC, the EMC Directive 2004/108/EC, and carries the **C€** mark accordingly.

Additional Information:

 his product is assigned a Regulatory Model Number which stays with the regulatory aspects of the design. The Regulatory Model Number is the main product identifier in the regulatory documentation and test reports, this number should not be confused with the marketing name or the product numbers.

23 Oct 2008

Peng Cong

IPMO (China) Product Regulations Manager

Local contact for regulatory topics only:

EMEA: Hewlett-Packard GmbH, HQ-TRE, Herrenberger Strasse 140, 71034 Boeblingen, Germany www.hp.com/go/certificates U.S.: Hewlett-Packard, 3000 Hanover St., Palo Alto 94304, U.S.A. 650-857-1501

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