HP Color Copier

Your Basic Guide

Notice

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Note: Regulatory information can be found in the "Technical information" section.

It is not lawful in many places to make copies of the following items. When in doubt, check with a legal representative first.

- Governmental paper or documents:
  - Passports
  - Immigration papers
  - Selective service papers
  - Identification badges, cards, or insignias
- Governmental stamps:
  - Postage stamps
  - Food stamps
- Checks or drafts drawn on Governmental agencies
- Paper currency, traveler's checks, or money orders
- Certificates of deposit
- Copyrighted works

Safety Information

WARNING

To prevent fire or shock hazard, do not expose this product to rain or any type of moisture.

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

WARNING: Potential Shock Hazard

1 Read and understand all instructions in the Setup Poster.

2 Use only a grounded electrical outlet when connecting the unit to a power source. If you do not know whether the outlet is grounded, check with a qualified electrician.

3 To avoid electrical shock, do not touch any of the sockets on the unit. Replace damaged cords immediately.

4 Observe all warnings and instructions marked on the product.

5 Unplug this product from wall outlets before cleaning.

6 Do not install or use this product near water or when you are wet.

7 Install the product securely on a stable surface.

8 If the product does not operate normally, see the "Troubleshoot your unit" section.

9 No operator-serviceable parts inside. Refer servicing to qualified service personnel.

10 Use in a well-ventilated area.

Contents

1

Review your unit's front panel

You operate your HP Color Copier using the front panel. You change the settings by using the front-panel buttons and menu system.

Left side of front panel

Use keypad to enter the number of copies or reduction/enlargement percentages.

Access various copy settings.

Stop job, or exit menu.

Lighten or darken a copy.

Select or save displayed entry.

Scroll through copy-setting options.

Right side of front panel

Set copy quality.   Select paper type.   Set the number of copies.

Scroll through copy-setting options.

Access various copy settings.

Select or save displayed entry.

Lighten or darken a copy.

Select reduction/enlargement features.

Turn unit on/off.

Enlarge or reduce original to fit on one page.

Set Photo Mode.

Access special copy features, such as Clone or Poster.

Stop job, or exit menu.   Start copy.

HP Color Copier

2

Get help

Your unit includes a couple of resources to help you get started and use the product to full advantage: the Setup Poster, which provides installation guidelines for setting up and configuring your unit, and this guide (the Basic Guide), which provides detailed information on using the copy features, troubleshooting assistance, and general support information.

If you have Internet access, you can get additional help from the HP Web site at:

www.hp.com/go/copiers

This Web site also provides user forums and answers to frequently asked questions.

3
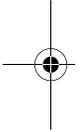
Load paper or transparency film, or load originals

Your unit is designed to copy onto a variety of transparency films and paper types, weights, and sizes. It is important, however, that you choose the right paper and make sure that it is not damaged.

Your unit lets you place originals directly on the glass.

Review recommended paper choices

Use paper that accepts ink well to produce the best results. We recommend that you test a variety of paper types before buying large quantities. Find a paper type that produces the results you want and that is easy to purchase. HP Premium Inkjet papers are designed for the best results.

Paper that is too thin, has a slick texture, or "stretches" easily can feed improperly through the unit's paper path. Paper that is heavily textured or does not accept ink well can cause graphics or text to smear, bleed, or not be completely filled. For more information, check the HP Web site:

www.hp.com/go/all-in-one

HP papers

For highest quality results, use the following:

- 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.

- HP Photo Paper, HP Premium Photo Paper, and HP Premium Plus Photo Paper are high-quality, glossy- or matte-finish, photo-based inkjet papers. They look and feel like photographs and can be mounted under glass or in an album. Photo papers dry rapidly and resist fingerprints and smudges.

- HP Iron-On T-Shirt Transfers can be used to transfer your designs or photos onto T-shirts, sweatshirts, and fabric crafts.

- HP Premium Inkjet Transparency or Rapid-Dry Transparency Film makes your color presentations vivid and even more impressive. This film is easy to use and handle and dries quickly without smudging.

- HP Premium Heavyweight Inkjet Paper is matte-coated on both sides for two-sided copying. It is the perfect choice for near-photographic reproductions and business graphics for report covers, special presentations, brochures, mailers, and calendars.

- HP Premium Inkjet Paper is the ultimate coated paper for high-resolution usage. A smooth, matte finish makes it ideal for your special documents.
- HP Restickable Inkjet Stickers can be used to create repositionable kids' stickers. They are easy to stick and easy to remove. Available in square or round shapes, they are made with HP Bright White Paper to allow vibrant colors and crisp text.
- HP Professional Brochure Paper is matte- or glossy-coated on both sides for two-sided use. It is the perfect choice for near-photographic reproductions and business graphics for report covers, special presentations, brochures, mailers, and calendars.

Recommended paper choices for copying

Copy originals onto premium inkjet papers that improve the quality of the copies you make.

For copying, we recommend the following:

- 16 to 36 lb. (60 to 135 gsm) copier paper or letterhead
- HP Bright White Inkjet Paper
- HP Iron-On T-Shirt Transfers
- HP Premium or Premium Heavyweight Inkjet Paper
- HP Premium or Premium Rapid-Dry Inkjet Transparency Film
- HP Premium Photo or Premium Plus Photo Paper
- HP Restickable Inkjet Stickers

For copying, we do *not* recommend the following:

- Any size paper other than letter, A4, or legal
- Paper heavier than 36 lb. (90 gsm) or lighter than 16 lb. (60 gsm)
- Paper with cutouts or perforations
- Photo paper other than HP Premium Photo
- Envelopes
- Transparency film other than HP Premium or Premium Rapid-Dry
- Heavyweight paper other than HP Premium
- Multiple-part forms or label stock

Load the input tray with letter-, legal-, or A4-size paper

For best results, adjust the paper settings each time you change paper types. For more information, see "Set the paper type."

1 Pull out the bottom (input) tray, and slide the paper-width and -length adjusters to their outermost positions.

2 Tap the stack on a flat surface to even the edges of the paper, and then check the paper for the following:

- Make sure it is free of rips, dust, wrinkles, and curled or bent edges.
- Make sure all the paper in the stack is the same size and type, unless you are working with photo paper.

3 Insert paper into the input tray, print-side down and letterhead or top of page first, until it stops.

4 Slide the paper-width and -length adjusters in until they stop at the edges of the paper, and be sure that the paper stack lies flat in the input tray and fits under the tab of the paper-length adjuster.
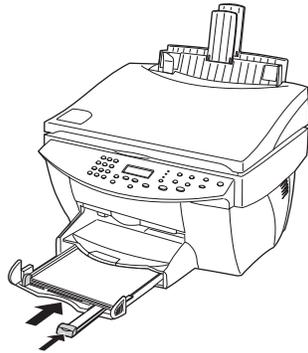
5 Push the input tray back in until it stops.
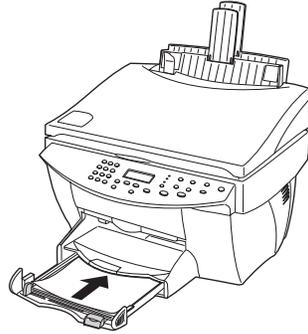
6 To prevent paper from possibly falling off the tray, pull out the output-tray extender.

Review tips for loading specific types of paper

The following sections provide guidelines for loading certain types of paper and film. For best results, adjust the paper settings each time you change paper types. For more information, see "Set the paper type."

HP papers

- HP Premium Inkjet Paper: Locate the gray arrow on the nonprinting side of the paper, and insert paper with the arrow side facing up.
- HP Premium Photo Paper: Load the glossy (print) side down. Always load at least five sheets in the input tray. You can place the photo-paper sheets on top of plain paper in the input tray.
- HP Premium Plus Photo Paper: Always load at least five sheets in the input tray. You can place the photo-paper sheets on top of plain paper in the input tray.
- HP Premium or Premium Rapid-Dry Inkjet Transparency Film: Insert the film so that the white transparency strip, with arrows and the HP logo, is on top and is going into the tray first.

- HP Iron-On T-Shirt Transfers: Flatten the transfer sheet completely before using it; do not load curled sheets. (To prevent curling, keep transfer sheets sealed in the original package until just before using.) Manually feed one sheet at a time, with the unprinted side facing down (the blue stripe faces up).
- HP Restickable Inkjet Stickers: Place the sheets in the input tray, print-side (sticker-side) down.

Legal-size paper

Even though the paper-length adjuster is fully extended, make sure that the input tray itself is pushed all the way in.

Set the paper type

After you have loaded paper or film in the unit, tell it what type of paper is loaded. Change this setting whenever you change the type of paper or film.

1   On the front panel, press **Paper Type**.

2   Press ⊙ until the appropriate type appears.

3   Press **ENTER** to choose the displayed paper type.

Recommended paper-type settings for copying

These settings are set using the Paper Type button on the front panel.

For	Use
Copier paper or letterhead	Plain Paper
HP Bright White Inkjet Paper	Plain Paper
HP Premium Inkjet Transparency Film	Transparency
HP Premium Inkjet Rapid-Dry Transparency Film	RapidDry Trans
HP Premium Photo Paper	Photo Paper
HP Premium Inkjet Paper	Premium Inkjet
HP Premium Inkjet Heavyweight Paper	Premium Inkjet
HP Iron-On T-Shirt Transfers	Iron-On
HP Premium Inkjet Brochure Paper (glossy)	Brochure Glossy
HP Premium Inkjet Brochure Paper (matte)	Brochure Matte

Change the paper size

The unit lets you change the paper size for copying. Your change remains in effect until you change it again. To switch to a different paper size, do the following:

1   On the front panel, press **Menu**.

2   Press **1**, and then press **1** again.

3   Press ⊙ until the desired paper size appears, and then press **ENTER** to select it.

Load originals on the glass

You can process any original by placing it on the glass.

1   Lift the lid, and make sure that the glass is clean.

For more information, see "Clean the glass."

2   Place the original face down on the glass with the top edge along the green border, and align the upper-right corner of your original with the top of the white arrow and the end of the green border.

If you are copying a photo, place the *short* edge of the photo along the green border, and align the corner of the photo with the top of the white arrow and the end of the green border.

If you are copying from a transparency (that is, your original is printed on transparency film), place a blank piece of paper on top of the transparency.

Top edge of original
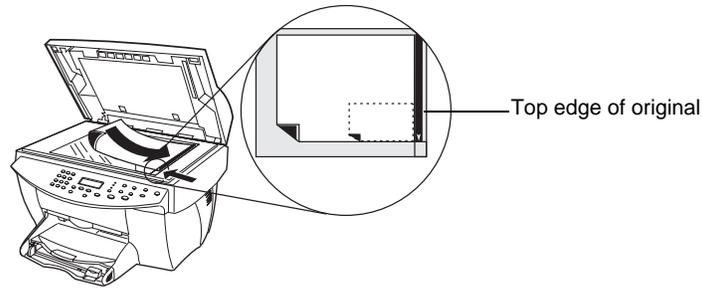
3   Close the lid.

Load originals in the automatic document feeder (ADF)

When using the ADF, be aware of the following:

- To prevent paper jams, use 16-24 lb. (60-90 gsm) plain paper or HP Premium Inkjet paper only. Also, use only letter-, A4-, or legal-size originals.
- To avoid a paper jam, do not load colored originals printed on a color laser printer, photos or photo papers, transparency film, labels, envelopes, or slick-surfaced papers, such as glossy papers.
- You can load a maximum of 30 originals at a time when using letter- or A4-size papers.

Process letter- or A4-size originals exclusively

If you are processing *only* letter or A4-size originals, follow these steps.

1   Lift the lid, and make sure that the glass is clean and that you did not leave anything on the glass.

    For more information, see "Clean the glass."

2   Close the lid.

3   Place your originals in the ADF with the printed side facing toward the back and with the top to the right (sideways).

4   Align the paper with the right side of the ADF.

5   Adjust the page guide to the length of the originals.

Insert only letter or A4-size originals sideways, even if the legal-size tray is attached.
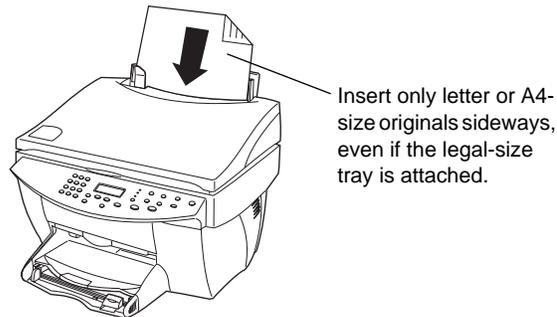
Process legal- or mixed-size originals

If you intend to copy legal-size originals, follow these instructions for installing and using the legal-size tray. Legal-size paper is traditionally used only in the U.S. The legal-size tray may be included with your product *only* in the U.S.

To install the tray

▶   Slide the legal-size tray onto the *front* paper-tray extender located on the ADF lid.
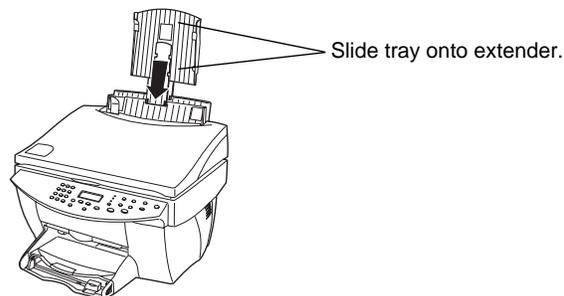
Slide tray onto extender.

To use the ADF

1   Lift the lid, and make sure that the glass is clean and that you did not leave anything on the glass.

For more information, see "Clean the glass."

2   Close the lid.

3   Place *all* originals in the legal-size tray with the printed side facing toward the back and with the top of the document pointing down.

4   Align the paper with the left side of the legal-size tray.

Insert legal-size or mix of legal- and letter-size originals vertically.
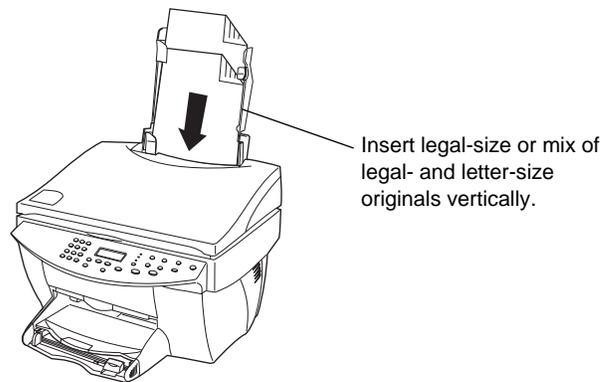
When working with originals that were originally loaded in the ADF in vertical orientation, you may notice during processing that part of the original temporarily sticks out from under the lid and a short delay occurs. This is normal behavior.

Avoid paper jams

To avoid paper jams, remove papers from the output tray frequently. Output tray capacity is affected by the type of paper and the amount of ink you are using. For more information about output-tray capacity, see "Technical information." For help with clearing a paper jam, see "Clear a paper jam."

4

Use the copy features
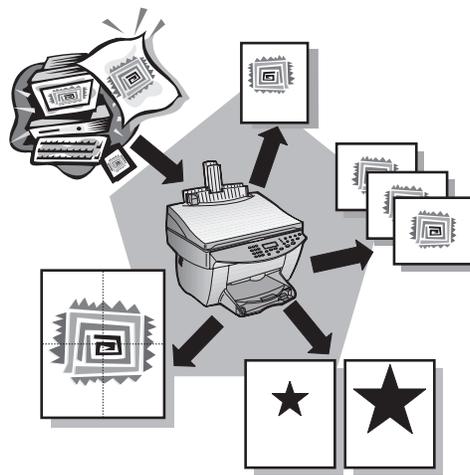
Using your HP Color Copier, you can:

- Produce high-quality color and black-and-white copies using a variety of paper types and sizes, including iron-on transfers.
- Reduce or enlarge the size of the copies you make from 25% to 400% of the copy's original size. (Percentages may vary between models.)
- Make the copy lighter or darker, adjust the color intensity, select the number of copies, and specify the quality of the copies you make.
- Use special digital copying features to enlarge a vacation photo (or anything else) for display on a wall as a poster, make wallet-size (cloned) photos to give to family members, make high-quality copies of photos using special photo paper, or copy a report onto transparency film for use in a presentation to a client.

Make copies

All copy settings selected on the front panel are reset *two minutes* after the unit completes the copy job unless you save the settings as the default settings.

1   Load the input tray with the appropriate paper.

For more information, see "Load paper or transparency film, or load originals."

2   If you are using anything other than plain paper, press **Paper Type**, press ⊙ until the appropriate type appears, and then press **ENTER** to select it.

For more information, see "Recommended paper-type settings for copying."

3   Load your original.

For more information, see "Load originals on the glass" or "Load originals in the automatic document feeder (ADF)."

4   If you want to make more than one copy (the default), press **Number of Copies**, and then use the keypad to enter the number of copies.

For more information, see "Set the number of copies."

5   Change any other applicable settings, such as reduction, enlargement, or special features.

6   Press **Start Copy**, **Black** or **Color**.

Increase copy speed or quality

Your unit provides three options that affect copy speed and quality.

•   Best produces the highest quality for all paper and eliminates the banding (striping) effect that sometimes occurs in solid areas. Best copies more slowly than the other quality settings.

•   Normal delivers high-quality output and is the recommended setting for most of your copying. Normal is the recommended setting for all paper types and is faster than Best.

•   Fast copies faster than the Normal setting. The text is of comparable quality to the Normal setting, but the graphics may be of lower quality. Using Fast also cuts down on the frequency of replacing your print cartridges because it uses less ink.

To change the setting

▶   Press **Quality** until the light next to the setting you want to use is lit.

Reduce or enlarge a copy

You can reduce or enlarge a copy of an original using predefined settings, such as Fit to Page, Poster, or Clone, or by selecting your own reduction/enlargement percentages. Some of the settings are available through the Reduce/Enlarge feature and some through Special Features.

If the margins of your full-size original are smaller than the minimum margin settings supported by your unit, they will be cut off during the copy process. To obtain a full copy of a full-size original, select Full Page 91%. You can also use the Fit to Page feature (for more information on this feature, see "Make copies automatically fit"). For more information on your unit's margins, see "Margins."

If you place your original on the glass, correct placement is very important in achieving the desired results for features such as Fit to Page and Clone. For more information, see "Load originals on the glass."

All copy settings selected on the front panel are reset *two minutes* after the unit completes the copy job unless you save the settings as the default settings.

1   Choose one of the following:

   • To use **Custom**, **Full Page**, or **Legal ➜ Letter**, press **Reduce/Enlarge** until the setting you want appears.

   • To use **Fit to Page**, **2 on 1**, **Clone**, **Poster**, **Margin Shift**, or **Mirror**, press **Special Features** until the setting you want appears.

2   If the feature you are using supports it (indicated by the ± next to it in the front-panel display), press the **minus (–)** button to decrease the percentage or the **plus (+)** button to increase it.

   TIP   If you press and hold either key, the number changes first in increments of one, and then in increments of five.

   You can also enter the percentage using the keypad.

3   Press **ENTER** to use the option you selected.

Lighten or darken a copy

Use Lighter/Darker to adjust the lightness and darkness of the copies you make.

1   Press **Lighter/Darker**.

   The range of values appears as a circle on a scale on the display.

2   Press ◁ to lighten the copy or ▷ to darken it.

   The circle moves to the left or right, depending on the button you press.

3   Press **ENTER** to use the setting you selected.

Change color intensity

You can adjust color intensity to make colors on your copy more vivid or more subtle.

1   Press **Menu**.

2   Press **1**, and then press **4**.

   The range of color intensity values appears as a circle on a scale on the front-panel display.

3   Press ◁ to use make the image paler or ▷ to make it more vivid.

   The circle moves to the left or right, depending on the button you press.

4   Press **ENTER** to use the setting you selected.

Enhance light colors

Use Enhance Light Colors to enhance light-colored backgrounds (for example, if you are copying a map). It is turned off by default and should usually be left off. (It is automatically turned on if you select Photo Mode.) However, turn it on if pale colors are copying as white and you want the pale colors to show.

1   Press **Menu**.

2   Press **1**, and then press **3**.

3   Press ▷ to switch between Off and On.

4   With **Enhance Light Colors On** visible, press **ENTER** to select it.

   A filled circle indicates the selected state.

Enhance text

Use Text Enhancements (TE) to sharpen the edges of black text. It is turned on by default. (It is automatically turned off if you select Photo Mode.) Turn TE off only if:

•   Stray dots of color surround some text on your copies.

•   Large, black typefaces look splotchy (not smooth).

•   Thin, colored objects or lines contain black sections.

•   Horizontal grainy or white bands appear in light- to medium-gray areas.

To turn Text Enhancements *off*

1   Press **Menu**.

2   Press **1**, and then press **2**.

3   Press ▷ to switch between Off and On.

4   With **Text Enhance Off** visible, press **ENTER** to select it.

   A filled circle indicates the selected state.

Set the number of copies

Use any of the following to set the number of copies.

- Press **Number of Copies** repeatedly to increase the number of copies to make.
- With Number of Copies visible on the front-panel display, press the **plus (+)** or **minus (–)** button to increase or decrease the number of copies to make. If you press and hold the plus (+) or minus (–) button, the number changes first in increments of one, and then in increments of five.
- With Number of Copies visible on the front-panel display, use the keypad to enter the desired number.

Shift the side margins

Use Margin Shift to move the information on the copy to the left or right for easier binding.

1 Press **Special Features** until **Margin Shift** appears.

2 Choose one of the following to adjust the direction and level of shift.

- To move the copied image to the left, press ◁.
- To move the copied image to the right, press ▷.

A filled circle indicates the selected state.

3 Use the keypad to adjust the reduction/enlargement percentage if necessary.

When working with Margin Shift, use the keypad to adjust the percentage; the ◁ and ▷ keys only work to adjust the margin shift in this case.

4 Press **ENTER** to use the setting you selected.

Change settings for all future copy jobs

You can save the copy settings you use most often by setting them as the default settings.

1 Using the buttons on the front panel, change the settings that you want to save.

2 Press **Menu**.

3 Press **1**, and then press **5**.

Your settings are saved. Current settings are indicated by a filled circle. Default settings have no special indicator.

Restore the factory default settings

Your unit lets you restore the original copy settings to what they were when you purchased it.

1 Press **Menu**.

2 Press **1**, and then press **6**.

The factory default settings are restored.

Perform special copy jobs

In addition to supporting standard copy jobs, your unit supports special jobs such as copying photos, creating posters, and creating wallet-size images. This section describes the settings that you should select prior to pressing one of the Start Copy buttons.

Copy a photo

Photo Mode temporarily turns Text Enhancements off and Enhance Light Colors on for optimal copying of a photo. You do not have to adjust these settings yourself.

1   Press **Photo Mode** until it says On.

2   If you are using photo paper, press **Paper Type** until **Photo Paper** appears, and then press **ENTER** to select it.

   For more information, see "Recommended paper-type settings for copying."

3   To enlarge a photo automatically, use the **Fit to Page** feature.

   For more information, see "Make copies automatically fit."

4   After you are done, press **Photo Mode** again until it says Off.

Prepare a color T-shirt transfer

Use the Mirror feature to reverse text and images so that they appear backwards on the output. After the transfer is ironed onto a T-shirt, the picture appears properly on the shirt.

Original   Mirror

TIP   We recommend that you practice applying a T-shirt transfer on an old garment first.

1   Press **Paper Type** until **Iron-On** appears, and then press **ENTER** to select it.

   Selecting this option automatically selects Mirror in the Special Features options.

2   If you want to change the percentage of the enlargement, press **Special Features** until **Mirror** appears, and then press the **minus (–)** or **plus (+)** button to change the percentage.

   TIP   If you press and hold either key, the number changes first in increments of one, and then in increments of five.

3   Press **ENTER**.

Make copies automatically fit

Use Fit to Page to ensure that all the content of your original is captured in the copy output. Also use it to enlarge a small original to a full-size page.

Original   Fit to Page
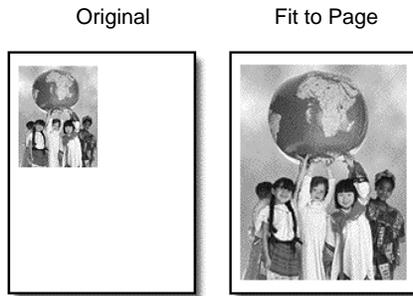
1   Press **Fit to Page** until it says On.

2   After you are done, press **Fit to Page** again until it says Off.

Clone an original

Use Clone to create multiple copies of your original on the same sheet. For example, use Clone to create wallet-size copies of a photo.

You control the number of original images on each page by changing the clone percentage.

Original   Clone
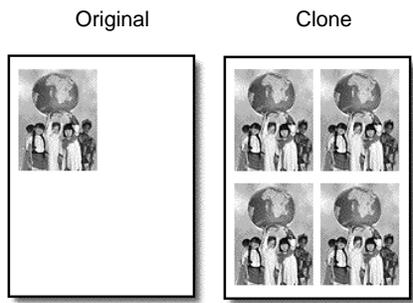
1   Press **Special Features** until **Clone 100% ±** appears.

2   If desired, press the **minus (–)** or **plus (+)** button to change the percentage.

> **TIP**   If you press and hold either key, the number changes first in increments of one, and then in increments of five.

3   Press **ENTER** to confirm your selection.

Make a poster

Use Poster to divide your original into sections, and then enlarge the sections so that they can be assembled to create a poster.

Original   Poster
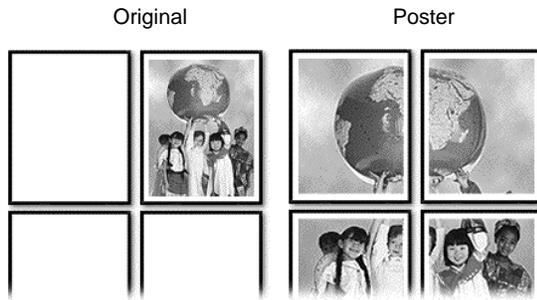
1 Press **Special Features** until **Poster 400% ±** appears.

2 If desired, press the **minus (–)** or **plus (+)** button to change the percentage.

  TIP If you press and hold either key, the number changes first in increments of one, and then in increments of five.

3 Press **ENTER** to confirm your selection.

Copy two pages onto one page

Use 2 on 1 to copy two originals to one page.

You can only make one copy at a time using this feature.
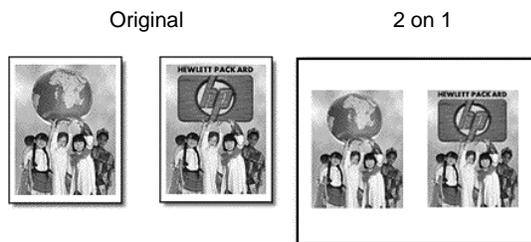
Original   2 on 1

1 Press **Special Features** until **2 on 1** appears, and then press **ENTER** to select it.

2 If you are not using an ADF, place the second original on the glass after the message appears on the display.

Copy legal-size originals (ADF model only)

Your unit lets you copy legal-size originals to legal- or letter-size paper.

When working with legal-size originals, you can only make black-and-white copies and you can only make one set of copies at a time. The digital copy features (Fit to Page, Poster, and Clone), Best quality, and enlargements are also not available. Reduction is allowed.

When working with originals in vertical orientation, you may notice that part of the original temporarily sticks out from under the lid and a short delay occurs. This is normal behavior.

1 Load your original in the ADF.

For more information, see "Load originals in the automatic document feeder (ADF)."

2 Choose one of the following:

- To make legal-size copies, make sure that legal-size paper is loaded in the input tray and that the paper size is set to Legal (for more information, see "Change the paper size").
- To make letter-size copies, press **Reduce/Enlarge** until **Legal ➔ Letter** appears, and then press **ENTER**.

3 Press **Start Copy**, **Black**.

Stop copying

You can stop a copy job that is currently in progress.

▶ On the front panel, press **Cancel.**

HP Color Copier

5

Maintain the unit

This section provides instructions for keeping your unit in top working condition. Perform the maintenance procedures as necessary.

CAUTION   Turn off the unit and unplug the power cord before cleaning. Even though the unit is off, power is still being supplied if the cord is plugged in.

Clean the exterior case

Use a soft, damp, lint-free cloth to wipe dust, smudges, and stains off the case. The interior of the unit does *not* require cleaning. *Keep fluids away from the interior of the unit as well as the front panel.*

Clean the glass

Dirty glass (fingerprints, smudges, a hair, and so on) slows down performance by as much as half a minute and affects the accuracy of special features such as Fit to Page and Clone. This is because the unit is actually processing the smudges on the glass. Keep the glass clean.

1 Turn off the unit, unplug the power cord, and raise the lid.

2 Clean the glass with a soft cloth or sponge slightly moistened with a nonabrasive glass cleaner.

CAUTION   Do not use abrasives, acetone, benzene, or carbon tetrachloride on the glass; these can damage it. Do not place liquids directly on the glass. They may seep under it and damage the unit.

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3 Dry the glass with a chamois or cellulose sponge to prevent spotting.

Clean the document-lid backing

Minor debris can also accumulate on the white document-backing located underneath the unit's lid. Keep this backing clean so that it does not slow down performance or affect the accuracy of special features such as Fit to Page and Clone.

1 Turn off the unit, unplug the power cord, and raise the lid.

2 Clean the white document-backing with a soft cloth or sponge slightly moistened with a mild soap and warm water.

3 Wash the backing gently to loosen debris; do *not* scrub the backing.

4 Dry the backing with a chamois or soft cloth.

CAUTION Do *not* use paper-based wipes as these may scratch the backing.

5 If this does not clean the backing well enough, repeat the previous steps using isopropyl (rubbing) alcohol, and wipe the backing thoroughly with a damp cloth to remove any residual alcohol.

Print a Self-Test Report

The Self-Test Report indicates whether the unit is operating properly.

1 Press **Menu**.

2 Press **2**, and then press **2** again.

The unit prints a report, which contains the following:

- Product information: Have this information available if you need to call HP Customer Care for assistance.
- Print-cartridge test patterns: The left patterns are for the black cartridge; the right patterns are for the color cartridge. If there are gaps in the lines, clean the print cartridges (for more information, see "Clean the print cartridges").
- Print-cartridge fill patterns: If any of the lines are not solid (that is, they contain gaps or streaks), one of the cartridges may be low on ink. Replace the appropriate cartridge, and perform another self-test.
- Margin indicators: The lines on each side, the top, and the bottom of the page show the print margins.

Work with print cartridges

The print cartridges have microscopic nozzles that can clog when exposed to the air for more than a few minutes. The unit is designed to prevent nozzles from drying out when it is idle and when it is turned off using the ON button located on the front panel.

A print cartridge that is not used for long periods of time can also clog, resulting in a noticeable decrease in print quality. To unclog the nozzles, clean the print cartridges. For more information, see "Clean the print cartridges."

Replace the black print cartridge

Follow these steps to replace the cartridge.

1   Turn on the unit, and open the print-cartridge access door (lift up the handle located just above the output tray).
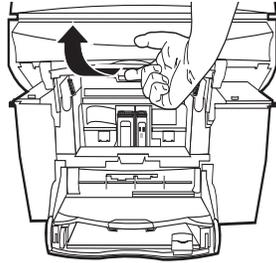
The carriage moves to the center of the unit.

2   After the carriage stops moving, flip up the print-cartridge latch on the right, grasp the top of the old print cartridge (the thinner one), and pull it up and out of its slot.

3   Remove the new black print cartridge (the thinner one) from its packaging and, being careful to touch only the black plastic, gently remove both the green pull tab and blue tape covering the nozzles.

CAUTION	Do not touch the gold-colored contacts.
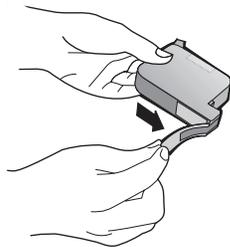
4 Push the new black cartridge firmly down into the slot on the right.
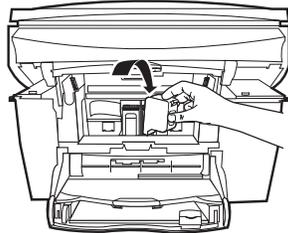
The print-cartridge label should be facing you after the cartridge is inserted.

5 Lower the print-cartridge latch down onto the top of the cartridge, and push down until the latch locks firmly into place.
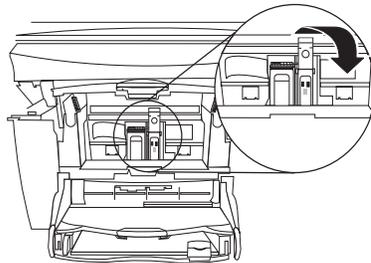
After you are done, all cartridges should be in place and the latches should be closed.
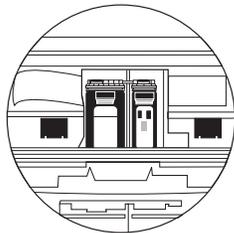
6 If you are also replacing the color cartridge, perform the steps outlined in "Replace the color print cartridge" before continuing.

7 Close the print-cartridge access door.

8 After the message appears in the front-panel display, press **ENTER** to align the cartridge.

A page prints to confirm alignment. You can either discard or recycle this page.

Replace the color print cartridge

Follow these steps to replace the cartridge.

1 Turn on the unit, and open the print-cartridge access door (lift up the handle located just above the output tray).
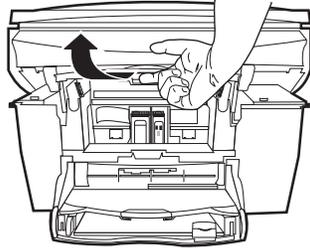

The carriage moves to the center of the unit.

2 After the carriage stops moving, flip up the print-cartridge latch on the left, grasp the top of the old print cartridge (the thicker one), and pull it up and out of its slot.

3 Remove the new color cartridge (the thicker one) from its packaging and, being careful to touch only the black plastic, gently remove both the green pull tab and blue tape covering the nozzles.

**CAUTION**   Do not touch the gold-colored contacts.
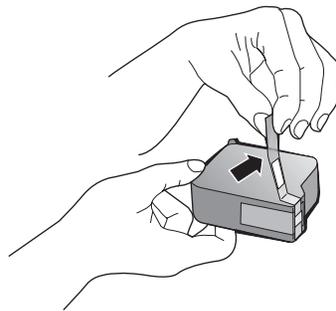
4 Push the new color cartridge firmly down into the slot on the left.
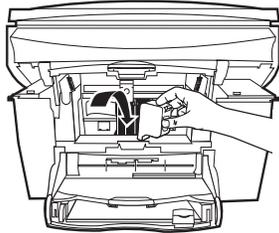

The print-cartridge label should be facing you after the cartridge is inserted.

5 Lower the print-cartridge latch down onto the top of the cartridge, and push down until the latch locks firmly into place.
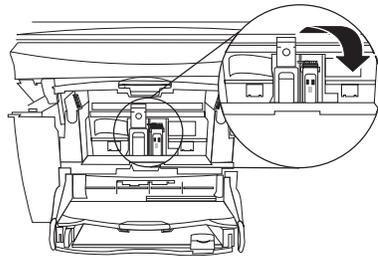
After you are done, all cartridges should be in place and the latches should be closed.
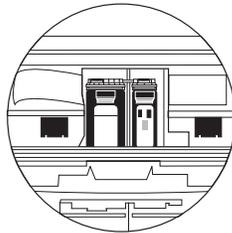
6 If you are also replacing the black cartridge, perform the steps outlined in "Replace the black print cartridge" before continuing.

7 Close the print-cartridge access door.

8 After the message appears in the front-panel display, press **ENTER** to align the cartridge.

A page prints to confirm alignment. You can either discard or recycle this page.

Align the print cartridges

A message on the front-panel display asks you to align the cartridges every time you install or replace a cartridge. When you "align" the print cartridges, the unit automatically adjusts the cartridges to ensure high-quality output.

▶   To align the cartridges after the message appears on the display, press **ENTER** on the front panel.

To align the cartridges at any other time

1   Press **Menu**.

2   Press **3**, and then press **2**.

    A page prints to confirm alignment. You can either discard or recycle this page.

Clean the print cartridges

Use this feature when the Self-Test Report shows streaking or white lines through any of the colored bars. Do *not* clean cartridges unnecessarily. This wastes ink and shortens the life of your print cartridges.

If copy quality still seems poor after you clean the cartridges, replace the cartridge that is affected.

1   Press **Menu**.

2   Press **3**, and then press **1**.

    A page prints to confirm cleaning. You can either discard or recycle this page.

Clean the print-cartridge contacts

Use this process if a front-panel message keeps asking you to check a cartridge after you already have.

Make sure you have the following materials available:

•   Cotton swabs or any soft material that will not come apart or leave fibers (for example, a scrap piece of clean cotton cloth).

•   Distilled, filtered, or bottled water (tap water may contain contaminants that can damage the print cartridges).

CAUTION	Be careful not to get ink on your hands or clothing.

1   Turn the unit on, and open the print-cartridge access door.

    The print cartridges move to the center.

2   After the print cartridges have moved to the center, unplug the power cord from the back of the unit.

3   Follow these steps to clean each print cartridge.

    •   Remove the cartridge from the holder.

- Dip a clean cotton swab into distilled water, and squeeze any excess water from the swab.
- Grasp the cartridge by its sides or top.
- Clean the contacts.
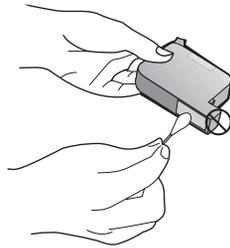
- Place the cartridge back into the holder.

4 Close the door, and plug in the unit.

Because you removed a print cartridge from its holder, the unit will need to realign the cartridges.

5 After the message appears in the front-panel display, press **ENTER** to align the cartridge.

A page prints to confirm alignment. You can either discard or recycle this page.

Change the front-panel language

The following steps help you change the language for your unit.

1 Press **Menu**.

2 Press **3**, and then press **5**.

3 Follow the instructions that appear in the front-panel display.

Using the keypad, enter the number that corresponds to the desired language, and then confirm your selection.

Change the Power Save Mode time

The bulb in your unit remains on for a specified period so that the unit is immediately ready to respond to your request. When the unit has not been used within that specified period of time, it turns the bulb off to preserve power and displays Power Save On in the front-panel display. (You can exit this mode by pressing any button on the front panel.)

Your unit is automatically set to enter power-save mode after 12 hours. Follow these steps if you want the unit to enter this mode earlier.

1 Press **Menu**.

2 Press **3**, and then press **4**.

3 Press ▷ until the desired time appears, and then press **ENTER**.

6

Troubleshoot your unit

This section provides procedures and tips for resolving issues that you may encounter while working with your HP Color Copier.

Clear a paper jam

Follow these steps to clear a paper jam.

- If the paper has jammed where it enters the unit, take the edge of the paper, and gently pull the paper out the front of the unit.
- If the paper has crumpled and jammed in the back of the unit, unlock and remove the back door. Gently pull the paper out of the rollers. Replace and lock the back door.
- If the paper has jammed where it exits the unit, grasp the leading edge of the paper, and pull the paper out through the output tray.

NOTE   If you turned the unit off before clearing the paper jam, turn it back on, and then restart your copying job.

Front-panel messages

This section identifies some of the messages that may appear in the front-panel display.

Message	What You Should Do
Open door. Clear carriage jam, and then press Enter.	• Are you using the unit for the first time? Make sure that you have removed all packing materials from the unit.
	• Are you using the print cartridges for the first time? Make sure that you have removed the protective tape from the nozzles on both cartridges, and make sure that the latches are closed.
	• Is there a paper jam? Clear the jam. For more information, see "Clear a paper jam."
	• Do the print cartridges need to be cleaned or replaced? Print a Self-Test Report to check the status of the print cartridges. If you notice missing lines or gaps in the patterns, clean the cartridges. If the problem persists, you may need to replace your print cartridges.
	• Did you try to add paper to the input tray while the unit was in use? Remove the paper, turn off the unit, and unplug the power cable from the back. Wait a few seconds, plug in the power cable, and turn the unit on.
Original jam: Clear jam, and then press Enter.	Your original is jammed in the ADF. Clear the jam. For more information, see "Clear a paper jam."
Error __. Turn power off and on. Error __. Record number, and then call for service.	Turn the power off and then on again. If this does not work, record the error number and contact HP.
For better results next time, turn original sideways in feeder. Press Enter to continue.	You placed your letter- or A4-size originals in the ADF in the vertical (portrait) position. When copying only letter- or A4-size originals, place them sideways in the ADF. For more information, see "Process letter- or A4-size originals exclusively."
Power Save On.	The unit has not been used recently. Press any button on the front panel or load originals in the ADF.

Message	What You Should Do
Next time, place originals in same direction in feeder. Press Enter to continue.	You placed your legal-size originals in the ADF in the vertical (portrait) position, and you turned your letter- or A4-size originals sideways. When copying a mixture, place them vertically in the ADF. For more information, see "Process legal- or mixed-size originals."
Legal size supports only black copy, reduction allowed. Press Enter to continue.	You tried to make a color copy of a legal-size original. Your unit only supports black-and-white copying of legal-size originals. Press ENTER, and then press START COPY-Black.
Reload document, and then restart job.	Your unit cannot load the original from the ADF. Remove the original, make sure it does not have any staples, paper clips, or bent edges, and make sure that it is of a recommended paper type. Reload the original in the ADF, and then restart the job.
Memory full; press Enter.	There is probably a paper jam. Clear the jam. For more information, see "Clear a paper jam."
Press Enter to align cartridges.	If you have installed new print cartridges or removed and reinserted a cartridge, you must align them to ensure excellent print quality. After you insert a cartridge, press ENTER.
Out of paper: Load paper, and then press Enter.	Do you have paper in the input tray? Load paper, and make sure there is only one type of paper in the input tray. Is the back door off? If you removed the back door to clear a paper jam, replace it.
Paper jam: Clear jam, and then press Enter.	Paper is jammed in the unit. Clear the jam. For more information, see "Clear a paper jam."
Error: Incorrect [black or color] cartridge installed.	• Did you install the correct cartridge? You may have installed the wrong type of print cartridge. Remove it, and replace it with the correct type of cartridge. For more information, see "Order print cartridges." • Is the print cartridge installed correctly? One or both of the print cartridges is not installed or is installed incorrectly. Remove and reinsert the cartridges, making sure to snap them into their holders. • Did you remove the protective tape from the print cartridge? Gently remove both the green pull tab and blue tape covering the nozzles on the print cartridge.

Message	What You Should Do
Remove and check [black or color] cartridge.	• Is the print cartridge installed correctly? One or both of the print cartridges is not installed or is installed incorrectly. Remove and reinsert the cartridges, making sure to snap them into their holders. • Did you remove the protective tape from the print cartridge? Gently remove both the green pull tab and blue tape covering the nozzles on the print cartridge. • If you continue to receive this message, try cleaning the contacts. (For more information, see "Clean the print-cartridge contacts.") If the message continues to appear even after you clean the contacts, the print cartridge is probably defective. If it is a new cartridge, return it in the original packaging to the store where it was purchased. Replace the print cartridge. Do not use the defective cartridge.
Insert [black or color] cartridge.	• Is the print cartridge installed correctly? The print cartridge is either not installed or is installed incorrectly. Remove and reinsert the cartridges, making sure to snap them into their holders. • Did you remove the protective tape from the print cartridge? Gently remove both the green pull tab and blue tape covering the nozzles on the print cartridge.
[Black or Color] ink low. Press Enter to continue. Ink out soon: [Black or Color] ink out soon. Press Enter to continue.	Replace the print cartridge at your earliest convenience. Replace the print cartridge immediately. For more information, see "Replace the black print cartridge."

Additional troubleshooting tips

This section lists some additional issues that you may encounter while using your unit.

Issue	What You Should Do
Copies are faded, or colors are dull.	• Do you have the Lighter/Darker and Color Intensity features adjusted correctly? Use the Lighter/Darker and Color Intensity buttons to make adjustments. • Do you need to clean the glass or document-lid backing? Debris may be stuck to the glass or document-lid backing, which causes poor copy quality and slows down processing. • Do the print cartridges need to be cleaned or replaced? Print a Self-Test Report to check the status of the print cartridges. If you notice missing lines or gaps in the patterns, clean the cartridges. If the problem persists, you may need to replace your print cartridges. • Are you using the highest possible copy quality? Check the copy Quality setting on the front panel. • Are you using the right type of paper for your project? If the paper you are using is too fibrous, the ink may not cover the print surface. Make sure you are using a paper that is appropriate for your unit.
Copies are too dark or too light.	• Do you have the Lighter/Darker feature adjusted correctly? Use the Lighter/Darker button to make adjustments. • Are you copying a photo? Use Photo Mode for the best photo quality.
Fit to Page, Clone, or Poster is not working.	• Is your original positioned correctly? You must place your original in the correct position for many of the special features to work. Check the location of your original. For more information, see "Load originals on the glass." • Do you need to clean the glass or document-lid backing? The scanner may analyze debris on the glass or document-lid backing, which causes problems with the special features.

Issue	What You Should Do

HP Color Copier will not turn on.	• Did you check the connection to the unit?
	
	  - Make sure the power cord is firmly connected to both the unit and the power adapter. Plug the power cord into a grounded power outlet, surge protector, or power strip.
	
	  - If you are using a power strip, make sure the power strip is on. Or, try plugging the unit directly into the power outlet.
	
	  - Test the power outlet to make sure it is working.
	
	  - If you have plugged the unit into a switched outlet, make sure the switch is on.
	
	• Did you press ON too quickly? The unit may not respond if you press ON too quickly. Press the ON button slowly.
	
	CAUTION: If the unit still does not turn on, it may have a mechanical failure. Unplug the unit from the power outlet and contact HP.

Ink is not filling the text or graphics completely.	• Is the paper type set correctly? When using special papers, make sure you select the corresponding paper-type settings. • Do the print cartridges need to be cleaned or replaced? Print a Self-Test Report to check the status of the print cartridges. If you notice missing lines or gaps in the patterns, clean the cartridges. If the problem persists, you may need to replace your print cartridges.
Nothing happens when you try to copy.	• Is the unit on? Look at the front-panel display (if the display is blank, the unit is off), or check for green lights on the front panel. Check the connections. • Is your original fully inserted into the ADF? When you place your original into the automatic document feeder, the front-panel display shows "Original Loaded." If this message does not appear, remove your original and reinsert it. • Are you copying several pages or documents? You must wait until the unit completes the current copy before starting a new copy. • Did you load the correct paper type in the input tray? Do not use the unit to copy onto envelopes. • Is there a paper jam? Clear the jam. For more information, see "Clear a paper jam."

Issue	What You Should Do
Paper does not get picked up from the input tray.	If the unit has run out of paper, or there are only few sheets remaining, load more paper in the input tray. If you have paper in the input tray, remove it, tap the stack against an even surface, and then reload it. To continue your job, press ENTER.

Parts of original do not appear or are cut off.	• Is your original positioned correctly? Check the location of your original.
	
	• Does your original fill the margins? If the image or text on your original fills the entire page without leaving a margin, use the Fit to Page feature.
	
	• Is the original larger than the paper size in the input tray?
	
	  - Verify that you are copying to the same size paper as the original. This problem is most common when trying to copy a legal-size original onto letter-size paper.
	
	  - Verify that you have selected the proper paper size for your project. Make sure that you have loaded the correct paper size in the input tray and that the input tray is properly installed.
	
	• Are the paper guides positioned correctly? The paper guides should be close to the edges of the paper in the input tray, but must not bend the paper. Remove the paper, move the left guide all the way to the left, insert the paper, move the front guide to the correct position for the paper you are using, and move the left guide to the edge of the paper.

Problems copying a gray or pastel original	Do you have the Lighter/Darker and Color Intensity features adjusted correctly? Use the Lighter/Darker and Color Intensity buttons to make adjustments.
Several pages advance at the same time.	Is the paper loaded correctly in the input tray? • Make sure the input tray is not overfilled. The paper must fit within the guides. Make sure the guides do not inhibit how the paper moves. • Remove the stack of paper, and then tap the stack on a hard, even surface. Fan the stack, replace the stack in the input tray, and then push it back into place.

Issue	What You Should Do
The print carriage is stalled.	• Is the unit on? Look at the front-panel display (if the display is blank, the unit is off), or check for green lights on the front panel. Check the connections. • Are you using the unit for the first time? Make sure that you have removed all packing materials from the unit. • Are you using the print cartridges for the first time? Make sure that you have removed the protective tape from the nozzles on both cartridges. • Is there a paper jam? Clear the jam. For more information, see "Clear a paper jam." • Do the print cartridges need to be cleaned or replaced? Print a Self-Test Report to check the status of the print cartridges. If you notice missing lines or gaps in the patterns, clean the cartridges. If the problem persists, you may need to replace your print cartridges. • Did you try to add paper to the input tray while the unit was in use? Remove the paper, turn off the unit, and unplug the power cable from the back. Wait a few seconds, plug in the power cable, and turn the unit on.

7

Support services and warranty

This section explains the service and warranty information provided by Hewlett-Packard.

Use Hewlett-Packard's support services

If you are unable to find the answer you need in the printed documentation supplied with your product, you can contact one of the HP support services listed in the following pages. Some support services are available only in the U.S. and Canada, while others are available in many countries worldwide. If a support service number is not listed for your country, contact your nearest authorized HP dealer for help.

Internet

If you have Internet access, you can get help from the HP Web site at:

www.hp.com/go/copiers

Here you can find technical support, supplies and ordering information, project tips, and enhancement recommendations to help you get the most from your unit.

HP Customer Support

If you need to contact HP Customer Support, do the following before you call.

1 Make sure that:
   a Your unit is plugged in and turned on.
   b The specified print cartridges are installed correctly.
   c The recommended paper is properly loaded in the input tray.
2 Reset your unit by turning it off and then on again, using the **ON** button located on the unit's front panel.
3 For more information, check the HP Web site.
4 If you are still experiencing problems and need to speak with an HP Customer Support Representative:
   • Have your serial number ready.
   • Make a color copy.
   • Be prepared to describe your problem in detail.
5 Call HP Customer Support. Be near your unit when you call.

Prepare your unit for shipment

If after contacting HP Customer Support you are requested to send your unit in for service, do the following:

1 Turn on the unit.
2 Open the print-cartridge access door.
3 Remove the print cartridges from their holders, and *lower the latches*.

CAUTION   Remove both print cartridges and lower both latches. Failure to do so may damage your unit.

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4 Place the print cartridges in an airtight bag so they will not dry out, and put them aside (do not send them with the unit, unless instructed to by the HP customer support call agent).
5 Turn off the unit.
6 Close the print-cartridge access door.

Hewlett-Packard Limited Warranty Statement (HP Color Copier)

A. Extent of Limited Warranty

1 Hewlett-Packard ("HP") warrants to the end-user customer ("Customer") that each HP Color Copier product ("Product"), including related accessories, media, and supplies, shall be free from defects in material and workmanship for the duration specified in section A2 below, which duration begins on the date of purchase by the Customer.

2 For each hardware Product, the duration of HP's limited warranty is three years for parts and three years for labor. For all other Products, the duration of HP's limited warranty for both parts and labor is ninety days.

3 HP's limited warranty covers only those defects which arise as a result of normal use of a Product, and does not cover any other problems, including those which arise as a result of (a) improper maintenance or modification, (b) accessories, media, or supplies not provided or supported by HP, or (c) operation outside the Product's specifications.

4 For any hardware Product, the use of a non-HP ink cartridge or a refilled ink cartridge does not affect either the warranty to the Customer or any HP support contract with the Customer. However, if Product failure or damage is attributable to the use of a non-HP or refilled ink cartridge, HP shall charge its standard labor and materials charges to service the Product for the failure or damage.

5 If HP receives, during the applicable warranty period, notice of a defect in any Product, HP shall either repair or replace the defective Product, at HP's option. Where labor charges are not covered by HP's limited warranty, repairs shall be at HP's standard charges for labor.

6 If HP is unable to repair or replace, as applicable, a defective Product which is covered by HP's warranty, HP shall, within a reasonable time after being notified of the defect, refund the purchase price for the Product.

7 HP shall have no obligation to repair, replace, or refund until the Customer returns the defective Product to HP.

8 Any replacement product may be either new or like-new, provided that it has functionality at least equal to that of the Product being replaced.

9 HP products, including each Product, may contain remanufactured parts, components, or materials equivalent to new in performance.

10 HP's limited warranty for each Product is valid only in the country where HP has obtained regulatory approval for use of the Product, as specified in the Product's User Guide and other documentation.

B. Limitations of Warranty

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

C. Limitations of Liability

1 To the extent allowed by local law, the remedies provided in this Limited Warranty Statement are the Customer's sole and exclusive remedies.

2 TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT FOR THE OBLIGATIONS SPECIFICALLY SET FORTH IN THIS LIMITED WARRANTY STATEMENT, IN NO EVENT SHALL HP OR ITS THIRD PARTY SUPPLIERS BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER BASED ON CONTRACT, TORT, OR ANY OTHER LEGAL THEORY AND WHETHER ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

D. Local Law

1 This Limited Warranty Statement gives the Customer specific legal rights. The Customer may also have other rights which vary from state to state in the United States, from province to province in Canada, and from country to country elsewhere in the world.

2 To the extent this Limited Warranty Statement is inconsistent with local law, this Statement shall be deemed modified to be consistent with such local law. Under such local law, certain disclaimers and limitations of this Statement may not apply to the Customer. For example, some states in the United States, as well as some governments outside the United States (including provinces in Canada), may:

  a Preclude the disclaimers and limitations in this Statement from limiting the statutory rights of a consumer (e.g. the United Kingdom);

  b Otherwise restrict the ability of a manufacturer to enforce such disclaimers or limitations; or

  c Grant the Customer additional warranty rights, specify the duration of implied warranties which the manufacturer cannot disclaim, or not allow limitations on the duration of implied warranties.

3 FOR CONSUMER TRANSACTIONS IN AUSTRALIA AND NEW ZEALAND, THE TERMS IN THIS LIMITED WARRANTY STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT, OR MODIFY, AND ARE IN ADDITION TO, THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THE COVERED HP PRODUCTS TO SUCH CUSTOMERS.

8

Technical information

The following specifications are subject to change without notice.

Copy specifications

- Digital image processing
- Up to 99 copies from original (varies by model)
- Digital zoom from 25 to 400% (varies by model)
- Fit to Page, Poster, 2 on 1, Clone, Margin Shift
- Up to 12 cpm black, 9 cpm color
- Copy speeds vary according to the complexity of the document.

		Speed (ppm)	Print Resolution (dpi)	Scan Resolution (dpi)[*]
Best	Black	4	600-by-600	600-by-2400
	Color	1	1200-by-1200	600-by-2400
Normal	Black	8	600-by-600	300-by-1200
	Color	5	600-by-600	300-by-1200
Fast	Black	12	300-by-600	300-by-1200
	Color	9	600-by-600	300-by-1200

[*] Maximum at 200% scaling

Margins

	Top (leading edge)	Bottom (trailing edge)[*]	Left	Right
Sheet Paper				
U.S. letter	.07 in. (1.8 mm)	.46 in. (11.7 mm)	.25 in. (6.4 mm)	.25 in. (6.4 mm)
U.S. legal	.07 in. (1.8 mm)	.46 in. (11.7 mm)	.25 in. (6.4 mm)	.25 in. (6.4 mm)

[*] This margin is not LaserJet-compatible, however, the total writing area is compatible. The writing area is offset from center by .21 inches (5.4 mm), which causes asymmetric top and bottom margins.

Paper specifications

Paper-tray capacities

Type	Paper Weight	Input Tray[*]	Output Tray[†]
Plain paper	16 to 24 lb. (60 to 90 gsm)	150	50 black, 20 color
Legal paper	20 to 24 lb. (75 to 90 gsm)		
Transparency film	N/A	25	25 or less

[*] Maximum capacity
[†] Output tray capacity is affected by the type of paper and the amount of ink you are using. HP recommends emptying the tray frequently.

Paper sizes

Type	Size
Paper	Letter: 8.5-by-11 in. (216-by-279 mm) Legal: 8.5-by-14 in. (216-by-356 mm) A4: 210-by-297 mm
Transparency films	Letter: 8.5-by-11 in. (216-by-279 mm) A4: 210-by-297 mm

Automatic document feeder (ADF) capacities

Type	Weight	Quantity
Letter[*]	16 to 24 lb.	30
A4	16 to 24 lb.	30

[*] Supports plain paper and most HP special papers. Does not support photo papers, transparency film, envelopes or labels.

Power specifications

- Power consumption: 50W maximum
- Source (Input) Voltage: 100 to 240 VAC*, grounded
- Input Frequency: 50 to 60 Hz
- Current: 1A maximum

* Figures are based on using the AC adapter that came with your unit (HP part number 0950-2880).

Environmental Specifications

- Recommended Operating Temperature Range: 15º to 35º C (59º to 95º F)
- Allowable Operating Temperature Range: 5º to 40º C (41º to 104º F)
- Humidity: 20% to 80% RH non-condensing
- Non-operating (Storage) Temperature Range: -40º to 65º C (-40º to 149º F)

Physical specifications

- Height: Base: 11.94 in. (30.3 cm); ADF: 19.88 in. with tray extenders up (50.5 cm)
- Width: 18.50 in. (46.9 cm)
- Depth: 17.25 in. (43.8 cm)
- Weight: Base: 26.6 lb. (12.07 kg); Base/ADF: 32.01 lb. (14.52 kg)

Additional specifications

- Noise levels per ISO 9296:

Sound Level	Idling	Copying B&W (Normal)
Sound Power, LwAd (1B=10dB)	3.7 B(A)	6.1 B(A)
Sound Pressure, LpAm (operator position: standing)	18 dB(A)	49 dB(A)

Certifications

Safety: UL, NOM, CE

EMC: EN, FCC, VCCI, IEC, AS/NZA, CNS (BCIQ)

Order print cartridges

Print Cartridges	HP Reorder Number
HP black print cartridge	51645A, 51645G
HP color print cartridges	C6578A, C6578D

Regulatory information

The following sections describe product requirements from various regulatory agencies.

Regulatory notices

The following sections are statements from various regulatory agencies.

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.

Declaration of Conformity: 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. 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. Class B 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 not 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 separate 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.

Product Regulations Manager, Hewlett-Packard Company, San Diego, 619-655-4100.

The user may find the following booklet prepared by the Federal Communications Commission helpful: *How to Identify and Resolve Radio-TV Interference Problems*. This booklet is available from the U.S. Government Printing Office, Washington DC, 20402. Stock No. 004-000-00345-4.

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

HP Color Copier

DOC statement (Canada)

Le present appareil numerique n'emet pas de bruitis radioelectriques depassant les limits applicables aux appareils numeriques de la class B prescrites dans le Reglement sur le brouillage radioelectrique edicte par le ministere des Communications du Canada.

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

Geräuschemission

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

VCCI-2 (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。

Declaration of Conformity

According to ISO/IEC Guide 22 and EN 45014

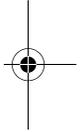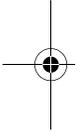|	
Manufacturer's Name and Address:	
Hewlett-Packard Company, 16399 West Bernardo Drive, San Diego, CA 92127-1899, USA	
declares that the product	
Product Name:	HP Color Copier 180, 190, 280, and 290
Model Number(s):	C67xxA, where x=34, 41, 42, 43, and 44
Product Options:	None
conforms to the following Product Specifications:	
Safety:	EN60950:1992 +A1, A2, A3, A4, and A11
	IEC60950: 1991 +A1, A2, A3, and A4
	UL1950, 3rd Edn: 1995
	CSA22.2 No. 950 3rd Edn: 1995
	NOM-019-SCFI-1993
	IEC 825-1:1993 / EN 60825-1:1994 +A11 Class B
EMC:	CISPR22:1993, +A1 and A2 / EN 55022:1994, +A1 and A2 - Class B
	EN50082-1:1997
	IEC 61000-4-2:1995 – 4kV CD, 8kV AD
	IEC 61000-4-3:1995 – 3V/m
	IEC 61000-4-4:1995 – 1kV Pwr Line
	IEC 61000-4-5:1995
	IEC 61000-4-6:1996
	IEC 61000-4-8:1993
	IEC 61000-4-11:1994
	IEC 1000-3-2:1995 / EN61000-3-2:1995
	IEC 1000-3-3:1994 / EN61000-3-3:1995
	AS / NZS 3548
	Taiwan CNS13438
	FCC Part 15 – Class B (Verified) / ICES-003, Issue 2 / VCCI-2
Supplementary Information:	
The Product herewith complies with the requirements of the Low Voltage Directive 73/23/EEC and EMC Directive 89/336/EEC, and carries the CE marking accordingly.	
European Contact: Your local Hewlett-Packard Sales and Service Office or Hewlett-Packard GmbH.	
Department HQ-TRE, Herrenberger Strasse 130, D-71034 Böblingen (FAX + 49-7031-14-3143)	

HP Color Copier

Index

HP Color Copier

I
input tray - load paper 7
intensity of color copy 16

J
jam - clear 31
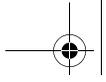
L
language - change for front panel 30
legal-size original
    copy 21
    load in ADF 11
legal-size tray installation 11
letter-size original - load in ADF 11
lighten - copy 15
load
    original in ADF 10
    original on glass 10
    paper or transparency film 5

M
maintain the unit 23
margins
    shift for copy 17
    specifications 43

N
Normal copy quality 14
number of copies 17

P
paper
    change default size 9
    HP 5
    jam 31
    load 7
    recommended for copying 6
    sizes 44
    specifications 44
paper jam - avoid 12
paper size - change 9
paper type - set 9
paper-tray capacities 44
paper-type settings for copy 9
phone numbers - support services 39
Photo Mode 18
physical specifications 44
poster 20
Power Save Mode time 30
power specifications 44
print cartridges
    align 29
    clean 29
    clean contacts 29

    order 45
    replace black 25
    replace color 27
print Self-Test Report 24
problems 31

Q
quality 14

R
reduce a copy 15
regulatory information 45
replace
    black cartridge 25
    color cartridge 27

S
Self-Test Report 24
settings
    Best copy quality 14
    copy a photo 18
    copy color intensity 16
    copy quality 14
    copy speed 14
    darken a copy 15
    enhance light colors in copy 16
    enlarge a copy 15
    factory default 17
    Fast copy quality 14
    lighten a copy 15
    Normal copy quality 14
    paper-type for copy 9
    reduce a copy 15
    save copy 17
    text enhancement 16
specifications
    copy 43
    environmental 44
    miscellaneous 45
    paper 44
    physical 44
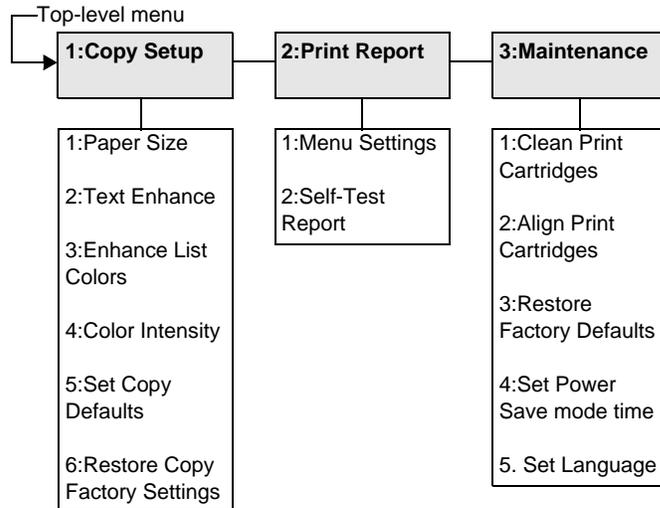   power 44
speed 14
support services 39

T
telephone numbers 39
tray
    install legal-size tray 11
    load input 7
troubleshoot 31
T-shirt transfer 18

W
warranty 39, 42

50　　　　　　　　　　　　　　　　　*Index*

HP Color Copier Menu

Top-level menu

1:Copy Setup	2:Print Report	3:Maintenance

1:Paper Size	1:Menu Settings	1:Clean Print Cartridges
2:Text Enhance	2:Self-Test Report	2:Align Print Cartridges
3:Enhance List Colors		3:Restore Factory Defaults
4:Color Intensity		4:Set Power Save mode time
5:Set Copy Defaults		5. Set Language
6:Restore Copy Factory Settings		

Use **Menu** to display the menu options.
Use ◁ and ▷ to move to the setting you want.
Press **ENTER** to select the displayed setting.

Visit the HP Color Copier Information Center.

It's everything you need to get the most value from your HP Color Copier.
· Technical Support
· Supplies and Ordering Information
· Project Tips
· Ways to Enhance Your Product

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