

HP Photosmart 8400 series Reference Guide

English



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Regulatory model identification number SDGOA-0403

For regulatory identification purposes, the product is assigned a Regulatory Model Number. The Regulatory Model Number for the product is SDGOA-0403. This regulatory number should not be confused with the marketing name (HP Photosmart 8400 series printer) or product number (Q3388A).

Safety information

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



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

- Read and understand all instructions in the *HP Photosmart 8400 series Setup Guide*.
- 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.
- Observe all warnings and instructions marked on the product.
- Unplug this product from wall outlets before cleaning.
- Do not install or use this product near water or when you are wet.
- Install the product securely on a stable surface.

- Install the product in a protected location where no one can step on or trip over the power cord, and where the power cord will not be damaged.
- If the product does not operate normally, see the troubleshooting information in the onscreen HP Photosmart Printer Help.
- There are no operator serviceable parts inside. Refer servicing to qualified service personnel.
- Use in a well-ventilated area.

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1 Welcome

Thank you for purchasing an HP Photosmart 8400 series printer! With this new photo printer you can print beautiful photos, save photos to a computer, and create fun and easy projects with or without a computer. You can even connect it to a network.

Find more information

The printer comes with the following documentation:

- **Setup Guide:** The *HP Photosmart 8400 series Setup Guide* explains how to set up the printer.
- **User's Guide:** The *User's Guide* describes the basic features of the printer, explains how to use the printer without connecting a computer, and contains hardware troubleshooting information. It is available in online format on the *User's Guide* CD.
- **Reference Guide:** The *HP Photosmart 8400 series Reference Guide* is the book you are reading. It provides basic information about the printer, including setup, operation, technical support, and warranty. For detailed instructions, see the *User's Guide* CD.
- **HP Photosmart Printer Help:** The onscreen HP Photosmart Printer Help describes how to use the printer with a computer and contains software troubleshooting information.

After you have installed the HP Photosmart printer software on a computer, you can view the onscreen HP Photosmart Printer Help:

- **Windows PC:** From the **Start** menu, select **Programs** (in Windows XP, select **All Programs**) > **HP** > **Photosmart 320, 370, 7400, 7800, 8100, 8400, 8700 series** > **Photosmart Help**.
- **Macintosh:** Select **Help** > **Mac Help** in the Finder, then select **Library** > **HP Photosmart Printer Help**.

What's in the box

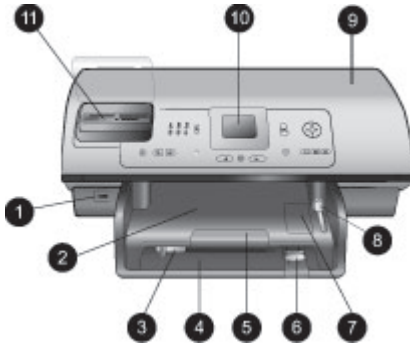
The printer box contains the following items:

- The HP Photosmart 8400 series printer
- The HP Photosmart 8400 series *Setup Guide*
- The HP Photosmart 8400 series *Reference Guide*
- The HP Photosmart 8400 series printer software CD
- The *User's Guide* CD
- Paper sampler
- Photo paper storage bag
- Print cartridges
- Print cartridge protector
- A power supply (power supplies may vary in appearance or have an additional power cord)



Note Contents may vary by country/region.

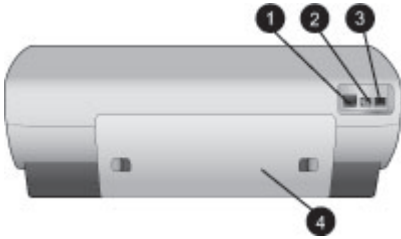
Printer overview



Front of printer

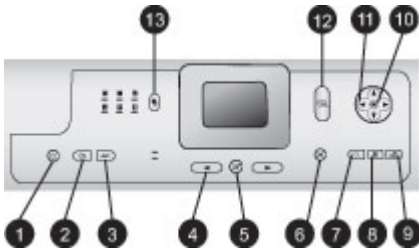
- 1. Camera port**
Use this port to connect a PictBridge™ digital camera to the printer, or to insert the optional HP Bluetooth® wireless printer adapter.
- 2. Out tray**
Lift this tray to load small media or to clear front paper jams.
- 3. Paper-width guide**
Adjust this guide to fit close to the edge of the paper in the Main tray.
- 4. Main tray**
Place plain paper, transparencies, envelopes, or other media in this tray for printing.
- 5. Out tray extender**
Lift the tab, then pull it towards you to extend the Out tray to catch the printed paper as it is ejected from the printer.
- 6. Paper-length guide**
Adjust this guide to fit close to the end of the paper in the Main tray.
- 7. Photo tray**
Lift the Out tray to load small photo paper in the Photo tray.
- 8. Photo tray slider**
Push this slider away from you to engage the Photo tray.
- 9. Top cover**
Lift this cover to access the print cartridges and the print cartridge storage area, and to clear paper jams.
- 10. Printer screen**
Use this screen to view your photos and menu options.
- 11. Memory card slots**
Insert memory cards here.

(continued)



Back of printer

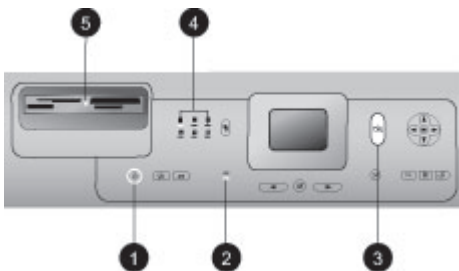
1. **Ethernet port**
Use this port to connect the printer to a network.
2. **Power cord connection**
Use this port to connect the power cord included with the printer.
3. **USB port**
Use this port to connect the printer to a computer or to an HP direct-printing digital camera.
4. **Rear access door**
Remove this door to clear paper jams.



Control panel

1. **On**
Press this button to turn on the printer or put it into power save mode.
2. **Save**
Press this button to save photos from a memory card to a computer.
3. **HP Instant Share**
Press this button to send a photo via e-mail or through the network (if connected). For more information, see [Connecting through HP Instant Share](#).
4. **Select Photos arrows**
Use these arrows to scroll through the photos on a memory card.
5. **Select Photos**
Use this button to select the currently displayed photo or video frame for printing.
6. **Cancel**
Press this button to deselect photos, to exit a menu, or to stop an action you have requested.
7. **Zoom**
Press this button to enter Zoom mode and zoom in on

- the currently displayed photo, and to exit 9-up view mode.
8. **Menu**
Press this button to view the printer menu.
 9. **Rotate**
Press this button to rotate the currently displayed photo.
 10. **OK**
Press this button to answer questions on the printer screen, to select menu options, to enter 9-up view mode, and to play a video.
 11. **Navigation arrows**
Use these arrows to scroll through the printer menu options, position the crop box, and control the speed and direction of video playback.
 12. **Print**
Press this button to print selected photos from the inserted memory card.
 13. **Layout**
Press this button to select the print layout for your photos.



Indicator lights

1. **On light**
 - **On**—the power is on
 - **Off**—the printer is in power-save mode
2. **Paper tray lights**
 - **Photo tray light on**—the Photo tray is engaged
 - **Main tray light on**—the Main tray is engaged
3. **Status light**
 - **On (Green)**—the power is on and the printer is not printing
 - **Off**—the printer is in power-save mode
 - **Flashing green**—the printer is busy printing
 - **Flashing red**—the printer requires attention



(continued)

4. **Print layout lights**
Indicate the current print layout.
5. **Memory card light**
 - **On**—the memory card is inserted correctly
 - **Off**—no memory card is inserted
 - **Flashing**—HP Instant Share is being used or information is being transmitted between a memory card and the printer or computer



Printer menu

Press **Menu** to access the printer menu. If you are viewing a submenu, pressing **Menu** returns you to the main printer menu.

To navigate the printer menu:

- Press **Navigation**  or  to scroll through the menu options displayed on the printer screen. Menu items that are not accessible are grayed out.
- Press **OK** to open a menu or select an option.
- Press **Cancel** to exit the current menu.

Printer menu structure

Top level menu	Submenus/options	Additional submenus/options
Print Options	Print all	
	Print proof sheet	
	Scan proof sheet	
	Video action prints	
	Print range	Select beginning of range: Select end of range:
	Print index page	
	Print new	
Edit	Remove red eye	
	Photo brightness	Photo brightness: (Press Navigation  or  to increase or decrease the photo brightness.)







Printer menu structure (continued)

Top level menu	Submenus/options	Additional submenus/options
	Add frame	Select pattern: Select color:
	Add color effect	Choose color effect: <ul style="list-style-type: none"> • Black and white • Sepia • Antique • Solarize • Metallic • Red filter • Blue filter • Green filter • No effect (default) <p>The color effect does not affect frames created with the Add frame option.</p>
Tools	View 9-up	
	Slide show	Press OK to pause and unpause the slide show; press Cancel to stop the slide show.
	Print quality	Print quality: <ul style="list-style-type: none"> • Best (default) • Normal
	Network	Network: <ul style="list-style-type: none"> • Print detailed report Prints the network configuration page listing the printer device name, IP address, subnet mask, link speed, DNS, etc. • Display summary Displays the printer device name, IP address, and subnet mask on the printer screen. • Restore defaults Restores default networking settings.
	Print sample page	
	Print test page	

Printer menu structure (continued)

Top level menu	Submenus/options	Additional submenus/options
	Clean cartridges	<p>Continue to second level cleaning?</p> <ul style="list-style-type: none"> • Yes • No <hr/> <p>Continue to third level cleaning?</p> <ul style="list-style-type: none"> • Yes • No
	Align cartridges	
Bluetooth	Device address	<p>Device address:</p> <p>(Some devices with Bluetooth wireless technology require you to enter the address of the device they are trying to locate. This menu option shows the device address.)</p>
	Device name	<p>Device name:</p> <p>(You can select a device name for the printer that appears on other devices with Bluetooth wireless technology when they locate the printer.)</p>
	Passkey	<p>(Press Navigation ▲ to increase number by one; press Navigation ▼ to decrease the number. Press OK to move to next number.)</p> <p>(You can assign a Bluetooth numerical passkey to the printer that users of devices with Bluetooth wireless technology trying to locate the printer must enter before they can print, if the printer Bluetooth Security level is set to High. The default passkey is 0000.)</p>
	Accessibility	<p>Accessibility:</p> <ul style="list-style-type: none"> • Visible to all • Not visible <p>When Accessibility is set to Not visible, only devices</p>

Printer menu structure (continued)

Top level menu	Submenus/options	Additional submenus/options
		<p>that know the device address can print to it.</p> <p>(You can set the Bluetooth-equipped printer to be visible or invisible to other devices with Bluetooth wireless technology by changing this accessibility option.)</p>
	Security level	<p>Security Level:</p> <ul style="list-style-type: none"> ● High (The printer does require users of other devices with Bluetooth wireless technology to enter the printer passkey) ● Low (The printer does not require users of other devices with Bluetooth wireless technology to enter the printer passkey)
	Reset Bluetooth options	<p>Reset Bluetooth options:</p> <ul style="list-style-type: none"> ● Yes ● No
Help	Memory cards	<p>Memory Card Help: (Select to see information about supported memory cards)</p>
	Cartridges	<p>Print Cartridge Help: (Press Navigation  or  to scroll through the HP print cartridges available for the printer, then press OK to see how to insert the cartridge)</p>
	Photo sizes	<p>Photo Sizes Help: (Press Navigation  or  to scroll through the available photo sizes)</p>
	Paper loading	<p>Paper Loading Help: (Press Navigation  or  to scroll through information on loading paper)</p>

Printer menu structure (continued)




Top level menu	Submenus/options	Additional submenus/options
	Paper jams	Paper Jam Help: (Select to see how to remove a paper jam)
	Camera connect	Camera Connect Help: (Select to see where to connect a PictBridge compatible digital camera to the printer)
Preferences	SmartFocus	Turn SmartFocus: <ul style="list-style-type: none"> • On (default) • Off
	Digital Flash	Turn Digital Flash: <ul style="list-style-type: none"> • On • Off (default)
	Date/time	Date/time stamp: <ul style="list-style-type: none"> • Date/time • Date only • Off (default)
	Colorspace	Choose colorspace: <ul style="list-style-type: none"> • sRGB • Adobe RGB • Auto-select (default) <p>The Auto-select default tells the printer to use the Adobe RGB colorspace, if available. The printer defaults to sRGB if Adobe RGB is not available.</p>
	Passport photo mode	Turn passport photo mode: <ul style="list-style-type: none"> • On • Off (default) <p>Select Size:</p> <p>If you select On, the printer prompts you to select the passport photo size. Passport mode tells the printer to print all photos in the selected size. Each page contains one photo. However, if you specify several copies of the same photo, they</p>



Printer menu structure (continued)

Top level menu	Submenus/options	Additional submenus/options
		<p>all appear on the same page (if enough space is available).</p> <p>You must let photos printed in passport photo mode dry for a week before they are laminated.</p>
	Tray select	<p>Select which paper tray to use:</p> <ul style="list-style-type: none"> ● Front (default when rear tray not installed) ● Rear ● Ask each time (default when rear tray is installed)
	Paper detect	<p>Auto paper detect:</p> <ul style="list-style-type: none"> ● On (default) ● Off
	Preview animation	<p>Turn preview animation:</p> <ul style="list-style-type: none"> ● On (default) ● Off
	Video enhancement	<p>Turn video print enhancement:</p> <ul style="list-style-type: none"> ● On ● Off (default)
	Restore defaults	<p>Restore original factory preferences:</p> <ul style="list-style-type: none"> ● Yes ● No <p>Restores factory settings for all menu items except Select language and Select country/region (under Language in Preferences menu) and Bluetooth settings (under Bluetooth in the main printer menu). This setting does not affect HP Instant Share or Network defaults.</p>
	Language	<p>Select language:</p> <hr/> <p>Select country/region:</p>

Paper information

You can print photos and documents on a wide variety of paper sizes, from 76 x 127 mm (3 x 5 inches) up to 216 x 356 mm (8.5 x 14 inches), as well as on 216 mm (8.5 inch-wide) banner paper.

Paper type	How to load	Tray to load								
<ul style="list-style-type: none"> Letter or A4 paper Transparencies 20 x 25 cm (8 x 10 inch) photo paper 	<ol style="list-style-type: none"> 1. Raise the Out tray. 2. Load plain paper, photo paper, or transparencies print-side down. Check that the stack of paper is no higher than the top of the paper-length guide. 3. Pull the Photo tray slider towards you until it stops. The Main light illuminates, meaning that paper from the Main tray will be used for the next print job. 4. Lower the Out tray. 	<p>Main tray</p>  <table border="1"> <tr><td>1</td><td>Out tray</td></tr> <tr><td>2</td><td>Paper-width guide</td></tr> <tr><td>3</td><td>Paper-length guide</td></tr> <tr><td>4</td><td>Photo tray slider</td></tr> </table>	1	Out tray	2	Paper-width guide	3	Paper-length guide	4	Photo tray slider
1	Out tray									
2	Paper-width guide									
3	Paper-length guide									
4	Photo tray slider									
<ul style="list-style-type: none"> 10 x 15 cm (4 x 6 inch) photo paper Index cards Hagaki cards L-size cards 	<ol style="list-style-type: none"> 1. Raise the Out tray. 2. Load paper print-side down. If you are using tabbed paper, insert the paper so the tab feeds in last. 3. Lower the Out tray. 4. Push the Photo tray slider away from you until it stops. The Photo light illuminates, meaning that paper from the Photo tray will be used for the next print job. 	<p>Photo tray</p>  <table border="1"> <tr><td>1</td><td>Out tray</td></tr> <tr><td>2</td><td>Paper-width guide</td></tr> <tr><td>3</td><td>Paper-length guide</td></tr> </table>  <table border="1"> <tr><td>1</td><td>Photo tray slider</td></tr> </table>	1	Out tray	2	Paper-width guide	3	Paper-length guide	1	Photo tray slider
1	Out tray									
2	Paper-width guide									
3	Paper-length guide									
1	Photo tray slider									

Paper type	How to load	Tray to load
<ul style="list-style-type: none"> 13 x 18 cm (5 x 7 inch) photo paper Envelopes 	<ol style="list-style-type: none"> Remove the Out tray by pushing in the buttons on each side and pulling the tray towards you. Load photo paper print-side down. Load envelopes with the front-side down and with the flap on the left. Tuck the flaps inside the envelopes to avoid paper jams. Replace the Out tray. Pull the Photo tray slider towards you until it stops. The Main light illuminates, meaning that paper from the Main tray will be used for the next print job. 	<p>Main input tray</p>  <p>1 Out tray</p>  <p>1 Paper-length guide 2 Paper-width guide</p>


Print cartridge information

The HP Photosmart 8400 series printer can print color and black-and-white photos. HP provides different types of print cartridges so you can choose the best cartridges for your project. The cartridge numbers you can use in this printer also appear on the back cover.

For optimum printing results, HP recommends using only HP print cartridges. Inserting a cartridge that is not in this table may invalidate the printer warranty.

Use the correct print cartridges

To print...	Insert this print cartridge in the left stall	Insert this print cartridge in the middle stall	Insert this print cartridge in the right stall
Full-color photos	HP Photo #348	HP Tri-color #343 or #344	HP Gray Photo #100
Black-and-white photos	HP Photo #348	HP Tri-color #343 or #344	HP Gray Photo #100
Sepia or antique photos	HP Photo #348	HP Tri-color #343 or #344	HP Gray Photo #100
Text and colored line drawings	HP Photo #348	HP Tri-color #343 or #344	HP Black #339

 **Caution** Check that you are using the correct print cartridges. Also, note that HP does not recommend modifying or refilling HP cartridges. Damage that results from modifying or refilling HP cartridges is not covered by the HP warranty.

For best print quality, HP recommends that you install all retail print cartridges before the date stamped on the box.

Insert or replace the print cartridges



Remove the pink tape



Do not touch here



Prepare the printer and cartridges

1. Make sure the power is on and you have removed the cardboard from inside the printer.
2. Lift the main cover of the printer.
3. Remove the bright pink tape from all cartridges.

Do not touch the ink nozzles or the copper-colored contacts, and do not re-tape the cartridges.

Insert the cartridges

1. If you are replacing a cartridge, push down and pull outward on the cartridge stall cover to open it and then pull the cartridge out.
2. Match the symbol on the cartridge label to the correct stall. Hold the cartridge with the label on top and slide it at a slight upward angle into the stall so the copper-colored contacts go in first. Push the cartridge until it snaps into place.
3. Close the cartridge stall cover.
4. Repeat the previous steps to install the other cartridges, if necessary.
5. When you are finished installing cartridges, close the main cover.

You must install all three cartridges in order for the printer to work as intended.

Tip Ink-backup printing mode lets you keep printing even if one of the cartridges fails or runs out of ink. Remove the cartridge and close the main cover to enter ink-backup printing mode. The printer continues to print, but at a slower speed and with inferior print quality. A message reminds you that the printer is in ink-backup printing mode. Replace the cartridge as soon as possible.

The idle screen of the printer displays three icons showing the approximate ink level for each cartridge (100%, 75%, 50%, 25%, and nearly empty). Ink-level icons do not appear if any of the installed cartridges are not genuine HP cartridges.

Each time you install or replace a print cartridge, a message prompts you to print an alignment page. This ensures high-quality prints.

Align the cartridges

1. Load paper in the In tray.
2. Follow the onscreen instructions to complete the cartridge alignment.

When you are not using a print cartridge



Whenever you remove a print cartridge from the printer, store it in a print cartridge protector, if available. The cartridge protector keeps the ink from drying out. Storing the cartridge improperly can cause the cartridge to malfunction.

- To insert a cartridge into the cartridge protector, slide the cartridge into the protector at a slight angle and snap it securely into place.

Once you have inserted a cartridge into the cartridge protector, place it in the storage area located in the printer under the top cover.

2 Printing with your new printer

It's easy to print high-quality photos for yourself, family, and friends. This section provides you with a quick start to printing, as well as detailed instructions on using memory cards, selecting photos, and more.

Quick start

Printing photos is as easy as 1–2–3! Here's how you do it.

Step 1: Getting ready to print



Inserting a print cartridge



Loading paper

1. Install the print cartridges.
See [Print cartridge information](#).
 - a. Unpack a print cartridge and remove the tape. Do not touch the copper-colored contacts or ink nozzles.
 - b. Open the top of the printer.
 - c. Match the symbol on the cartridge label to the correct stall. Hold the cartridge with the label on top and slide it at a slight upward angle into the stall so the copper-colored contacts go in first. Push the cartridge until it snaps into place.
 - d. Repeat for each print cartridge you need to install.
2. Load photo paper.
See [Paper information](#).
 - a. Raise the Out tray.
 - b. Load paper print-side down. If you are using tabbed paper, insert the paper so the tab feeds in last.
 - c. Lower the Out tray.
 - d. Push the Photo tray slider away from you until it stops. The Photo light illuminates, meaning that paper from the Photo tray will be used for the next print job.

If you do not want to print on small media, as shown here, load photo paper in the Main tray instead.

Step 2: Selecting photos



Inserting a memory card

1. Insert a memory card that has photos on it.

(continued)

Step 2: Selecting photos**Selecting a photo**

Caution Inserting a memory card incorrectly can damage the card and the printer. For more information on memory cards, see [Using memory cards](#).

2. Press **Select Photos** ◀ or ▶ to scroll through the photos on the card.
3. Press **Select Photos** ✓ to select a photo that you want to print. A check mark appears in the left corner of the photo on the printer screen.
For more information about selecting photos, see [Selecting photos](#).

Step 3: Printing**Printing photos**

- Press **Print** to print the selected photos.

Printing without a computer

The HP Photosmart 8400 series printer lets you print amazing photos without even going near a computer.

Using memory cards

After you have taken pictures with a digital camera, you can remove the memory card from the camera and insert it into the printer to view and print your photos. The printer can read the following types of memory cards: CompactFlash™, Memory Sticks, Microdrive™, MultiMediaCard™, Secure Digital™, SmartMedia™, and xD-Picture Card™.



Caution Using any other type of memory card may damage the memory card and the printer.

To learn about other ways of transferring photos from a digital camera to the printer, see [Connecting to other devices](#).

Supported file formats

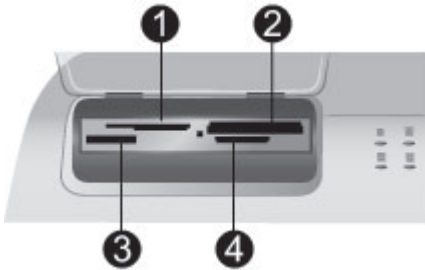
The printer can recognize and print the following file formats directly from the memory card: JPEG, uncompressed TIFF, AVI (JPEG compression), QuickTime (JPEG compression), and MPEG-1. If a digital camera saves photos and video clips in other file formats, save the files to a computer and print them using a software application. For more information, see the onscreen HP Photosmart Printer Help.

Inserting memory cards

After you take pictures with a digital camera, remove the memory card from the camera and insert it into the printer.



Caution Do not pull out a memory card while the Memory Card light is flashing. A flashing light means that the printer is accessing the memory card. Removing a memory card while it is being accessed may damage the printer and the memory card or corrupt the information on the memory card.



1	SmartMedia, xD-Picture Card
2	CompactFlash, Microdrive
3	Memory Sticks
4	MultiMediaCard, Secure Digital

To insert a memory card

1. Remove any memory cards that are already inserted into any of the memory card slots. You can have only one card inserted at a time.
2. Find the correct slot for your memory card.
3. Insert the memory card into the slot with the copper-colored contacts down or the metal pinholes facing toward the printer.
4. Gently push the memory card into the printer until it stops.
The printer reads the memory card and then displays the first photo on the card. If you used your digital camera to select photos on the card, the printer asks you if you want to print the camera-selected photos.

Selecting photos

You can select one or more photos to print using the printer control panel.

Select a photo

1. Insert a memory card.
2. Press **Select Photos** ◀ or ▶ to navigate to the photo you want to print.



Tip To move quickly through the photos, press and hold **Select Photos** ◀ or ▶.

3. Press **Select Photos** ☑ to select the photo currently on the printer screen. A check mark appears on the bottom left corner of the printer screen to indicate that the photo is selected for printing. Press **Select Photos** ☑ repeatedly to print

more than one copy of the photo. A number indicating how many copies are to be printed appears next to the check mark. Press **Cancel** to decrease the number of copies by one.

- To select additional photos, repeat these steps.

Deselect a photo

- Press **Select Photos** ◀ or ▶ to navigate to the photo you want to deselect.
- Press **Cancel**.

Deselecting photos does not delete them from the memory card.

Printing selected photos

You can print photos from a memory card or directly from a PictBridge or HP direct-printing digital camera. You can print selected photos, all photos, photos selected on a proof sheet, or a range of photos. For instructions, see the *User's Guide* available in online format on the *User's Guide* CD.

Enhancing photos

The printer provides a variety of tools and effects that let you enhance your photos or use them in creative ways. You can add color effects, remove red eye, and add a decorative frame. The settings do not change your original photo. They only affect printing. For instructions, see the *User's Guide* available in online format on the *User's Guide* CD.

Changing printer preferences

Change the printer default settings to your own personal preferences by using the printer menu on the printer control panel. Printer preferences are global settings. They apply to every photo you print. For a complete list of available preferences and their default settings, see [Printer menu](#). For instructions on changing printer preferences, see the *User's Guide* available in online format on the *User's Guide* CD.

Getting connected

Use the printer to stay connected to other devices and people.

Connecting to other devices

This printer offers several ways of connecting to computers or other devices. Each connection type lets you do different things.

Connection type and what you need	This lets you...
USB <ul style="list-style-type: none"> A Universal Serial Bus (USB) 1.1 or 2.0 full-speed compliant cable 3 meters (10 feet) or less in length. For instructions about connecting 	<ul style="list-style-type: none"> Print from a computer to the printer. See Printing with a computer. Save photos from a memory card inserted in the printer to a computer where you can enhance or organize them in the HP Image Zone software.

(continued)

Connection type and what you need	This lets you...
<p>the printer with a USB cable, see the <i>Setup Guide</i>.</p> <ul style="list-style-type: none">• A computer with Internet access (to use HP Instant Share).	<ul style="list-style-type: none">• Share photos through HP Instant Share.• Print directly from an HP Photosmart direct-printing digital camera to the printer. For more information, see Printing without a computer and the camera documentation.
<p>Network</p> <p>A CAT-5 Ethernet cable with RJ-45 plug. Connect your printer to the network by connecting the cable to the Ethernet port on the rear of the printer. For more information, see Connecting the printer to the network.</p>	<ul style="list-style-type: none">• Print from any computer on the network to the printer. See Printing with a computer.• Save photos from a memory card inserted in the printer to any computer on the network and then enhance or organize them in the HP Image Zone software.• Share photos through HP Instant Share.• Send photos to or receive them from other HP Instant Share-ready printers on the network.
<p>PictBridge</p> <p>A PictBridge-compatible digital camera and a USB cable. Connect the camera to the camera port on the front of the printer.</p>	<p>Print directly from a PictBridge-compatible digital camera to the printer. For more information, see Printing without a computer and the camera documentation.</p>
<p>Bluetooth</p> <p>The optional HP Bluetooth wireless printer adapter. If the printer came with this accessory or you have purchased it separately, see the accompanying documentation and the onscreen Help for instructions.</p>	<p>Print from any device with Bluetooth wireless technology to the printer. If you connect the optional HP Bluetooth wireless printer adapter to the printer through the camera port, be sure to set the Bluetooth printer menu options as needed. See Printer menu. The adapter is not compatible with the Macintosh.</p>

Connecting through HP Instant Share

Use HP Instant Share to share photos with friends and relatives using e-mail, online albums, or an online photo finishing service. You can even send a photo to another compatible networked printer. Your printer must be connected through a USB cable to a computer with Internet access or be on a network and have all the HP software installed. If you try to use HP Instant Share and do not have all the required software

installed or configured, a message prompts you through the required steps. You must have the following to use HP Instant Share with the printer:

USB connection	Network connection
<ul style="list-style-type: none"> • The printer set up and connected to a computer through a USB cable • Access to the Internet through the computer to which the printer is connected • An HP Passport user ID and password • The printer software installed on the computer <p>Make sure you select the Typical install when you install the printer software. HP Instant Share does not function with a Minimum install.</p>	<ul style="list-style-type: none"> • A functional local area network (LAN) • The printer set up and connected to the LAN <p>See Networking.</p> <ul style="list-style-type: none"> • Direct access to the Internet through the network • An HP Passport user ID and password • The printer software installed on the computer <p>Make sure you select the Typical install when you install the printer software. HP Instant Share does not function with a Minimum install.</p>

Setting up HP Instant Share

You can set up HP Instant Share, create a list of HP Instant Share destinations, manage a list of approved or blocked senders, and obtain an HP Passport user ID and password as follows:

- **Windows:** Double-click the **HP Instant Share Setup** icon on the desktop of a computer where you installed the printer software. Follow the onscreen instructions. If a **Help** button appears on an HP Instant Share Setup screen, press it for more information. You can run it again at any time if you need to modify your list of HP Instant Share destinations. HP Instant Share Setup is also available through the **Settings** drop-down menu in HP Director.
- **Macintosh:** In the Finder navigate to **Applications > Hewlett-Packard > Photosmart > Utilities**, then double-click **HP Instant Share Setup**. Follow the onscreen instructions. This application runs automatically when you first install the printer software. You can run it again at any time if you need to modify your list of HP Instant Share destinations.

To set HP Instant Share options

1. Press **HP Instant Share**.
2. Select **HP Instant Share options**, then press **OK**.
3. Select one of the following options, then press **OK**:
 - **Receive options:**
 - **Receive from allowed senders** tells the printer to receive only collections that have been sent by approved senders.
 - **Receive from any unblocked sender** tells the printer to receive all collections.
 - **Auto checking:**

This is on by default. If you do not want the printer to check for HP Instant Share collections automatically, select **Off**.

- **On** makes the printer check for HP Instant Share collections at regular intervals.
- **Off** keeps the printer from checking for collections.
- **Remove collections** lets you select received collections you want removed.
- **Device name** displays the network name of the printer.
- **Reset HP Instant Share** resets all HP Instant Share options to the defaults. This means you have to go through HP Instant Share set up again to register the printer with the HP Instant Share service.

To use HP Instant Share (USB) to send photos

1. Insert a memory card and select some photos.
2. Press **HP Instant Share**.
3. Follow the instructions on your computer to share the selected photos with others.

See the onscreen Image Zone Help for information about using HP Instant Share.

To use HP Instant Share (network) to send photos

1. Insert a memory card and select some photos.
2. Press **HP Instant Share**.
3. Select a destination, then press **OK**.
4. Select **Send photos**, then press **OK**.

If the destination is an e-mail address, the printer sends an e-mail message with a link to the photo on the HP Instant Share website. If the destination is a compatible networked printer, an icon appears on the printer screen to notify the user that the photo is available. For more information, see the onscreen HP Image Zone Help.

To use HP Instant Share (network) to receive photos

1. Press **HP Instant Share**.
2. Select **Receive**, then press **OK**.
3. Select a received HP Instant Share collection (message with photos), then press **OK**.


The first photo included with that message appears on the printer screen. You can navigate, select, and print HP Instant Share photos in the same manner as you do with photos on a memory card or attached digital camera. If you insert a memory card or connect a digital camera while viewing HP Instant Share photos, the HP Instant Share session ends, and the normal viewing of photos from the card or camera begins.

Your printer also checks at regular intervals to see if new photos have been received. An HP Instant Share received icon (an envelope) appears on the printer screen to notify you that HP Instant Share photo is available for viewing on the printer.



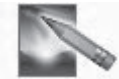
4. Choose one of the following, then press **OK**:
 - **View** to view the received photo on the printer screen.
 - **Remove** to delete the received photo.

Printing with a computer

All HP photo printers come with the HP Image Zone software, which helps you do more with your photos than ever before. Use it to get creative with your pictures: edit them, share them, and create fun projects such as greeting cards. The HP Image Zone is only installed if you choose the **Typical** installation option. The Macintosh supports only a subset of the features of the HP Image Zone, as noted in the following table.

Software feature	Where to find information
<p>Take control of printing</p> <p>Harness the power of the HP Photosmart printer driver. This software gives you full control over how your photos print. You can:</p> <ul style="list-style-type: none"> • Produce draft-quality prints to save on ink and photo media • Learn how to get the most out of the printer and your digital photos • Use advanced color settings to produce the highest-quality prints 	<p>Windows: In the onscreen Help, click HP Photosmart Printer Help. In the print dialog box itself, right-click any option and click the What's This? box to learn more about that option.</p> <p>Macintosh: Select Help > Mac Help in the Finder, then select Library > HP Photosmart Printer Help.</p>
<p>HP Instant Share</p>  <p>Use HP Instant Share to share photos with family and friends. HP Instant Share lets you easily:</p> <ul style="list-style-type: none"> • E-mail images using HP Instant Share without large file attachments • Create online albums to share, organize, and store photos • Order professionally processed prints online (availability varies by country/region) 	<p>For more information about using HP Instant Share with your specific printer model, see Connecting through HP Instant Share.</p> <p>Windows: In the onscreen Help, click Use the HP Image Zone, then click Share your images using HP Instant Share.</p> <p>To use HP Instant Share on Windows, start HP Image Zone, select one or more photos, then click the HP Instant Share tab.</p> <p>Macintosh: Start HP Instant Share, then follow the onscreen instructions.</p> <p>To use HP Instant Share on a Macintosh, press and hold on HP Photosmart Menu in the Dock, then select HP Instant Share from the pop-up menu.</p>

(continued)

Software feature	Where to find information
<p data-bbox="224 170 419 196">Creative projects</p>  <p data-bbox="224 378 655 460">Think outside the photo album. The HP Image Zone lets you use your digital photos for creative projects such as:</p> <ul data-bbox="224 473 451 555" style="list-style-type: none">• Iron-on transfers• Banners• Greeting cards	<p data-bbox="690 170 1093 251">Windows: In the onscreen Help, click Use the HP Image Zone, then click Create projects.</p> <p data-bbox="690 265 1127 347">To do creative projects on Windows, start HP Image Zone, select one or more photos, then click the Projects tab.</p> <p data-bbox="690 361 1127 621">Macintosh: To do creative projects on a Macintosh, press and hold on the active HP Photosmart Menu in the Dock, then select HP Image Print from the pop-up menu. Select a creative printing option from the Print Style drop down menu. Onscreen instructions appear in the HP Image Print window. Also available in HP Image Edit.</p>
<p data-bbox="224 647 472 673">Organize your photos</p>  <p data-bbox="224 838 655 920">The HP Image Zone helps you keep on top of your digital photos and video clips by letting you:</p> <ul data-bbox="224 933 614 1050" style="list-style-type: none">• Organize your photos in albums• Search through your photos by date, keywords, and more• Index images automatically	<p data-bbox="690 647 1077 729">In the onscreen Help, click Use the HP Image Zone, then click Manage your images.</p> <p data-bbox="690 743 1108 824">To organize your photos on Windows, start HP Image Zone, then click the My Images tab.</p> <p data-bbox="690 838 1127 920">Macintosh: This feature is not available on the Macintosh in the printer software. We recommend using iPhoto 2.0 or later.</p>
<p data-bbox="224 1076 573 1102">Edit and enhance your photos</p>  <p data-bbox="224 1272 539 1298">The HP Image Zone lets you:</p> <ul data-bbox="224 1312 652 1449" style="list-style-type: none">• Do manual color correction and make other adjustments to improve your photos before you print them• Add text and other graphics• Resize your digital photos	<p data-bbox="690 1076 1127 1157">Windows: In the onscreen Help, click Use the HP Image Zone, then click Edit your images.</p> <p data-bbox="690 1171 1077 1253">To edit photos on Windows, start HP Image Zone, select one or more photos, then click the Edit tab.</p> <p data-bbox="690 1267 1127 1409">Macintosh: To edit photos on a Macintosh, press and hold on the active HP Photosmart Menu in the Dock, then select HP Image Edit from the pop-up menu.</p>

3 Installing the software

The printer comes with optional software you can install on a computer. This section describes the installation and includes installation troubleshooting tips.

Installation

After using the *Setup Guide* instructions to setup the printer hardware, use the instructions in this section to install the software.

Windows users	Macintosh users
<p>Important: Do not connect the USB cable until you are prompted.</p> <p>HP Image Zone software and full printer functionality is installed automatically when you choose the Typical installation of your HP software.</p> <ol style="list-style-type: none">1. Insert the HP Photosmart CD into your computer's CD-ROM drive.2. Click Next and follow the onscreen instructions. If instructions do not appear, locate and double-click the setup.exe file on the CD. <p>Note If the Found New Hardware screen appears, click Cancel, unplug the USB cable, and restart the installation.</p> <ol style="list-style-type: none">3. Choose between a USB or network connection. If you choose a network connection, follow the instructions in Networking. If you choose a USB connection, continue to the next step.4. When prompted, connect one end of the USB cable to the USB port on the back of the printer, and connect the other end to the USB port on your computer.5. Follow the onscreen instructions until the installation is finished and your computer restarts. When the Congratulations page appears, click Print a demo page.	<p>Important: Do not connect the USB cable until you are prompted.</p> <p>Note If you want to connect the printer to a network instead of to a single computer, use the installation instructions in Networking.</p> <ol style="list-style-type: none">1. Insert the HP Photosmart CD into your computer's CD-ROM drive.2. Double-click the HP Photosmart CD icon.3. Double-click the HP Photosmart Install icon. Follow the onscreen instructions to install the printer software, choosing USB as the connection type.4. When prompted, connect one end of the USB cable to the USB port on the back of the printer, and connect the other end to the USB port on your computer.5. Select the printer in the Print dialog box. If the printer does not appear in the list, click Edit Printer List to add the printer. <p>To change a USB-connected printer to a networked printer, see To change a USB connected printer to a network connection.</p>

Installation troubleshooting

If the printer software did not install successfully or if the printer and computer are not communicating properly after software installation, check this page for possible solutions. If you still need help, check the printer documentation or contact Customer Care. Check all cable connections between the printer and computer, and ensure you are using the most recent version of the printer software.

The Found New Hardware Wizard opens but doesn't recognize the printer.

You may have connected the USB cable before completing the software installation. Disconnect the USB cable and restart the software installation. Connect the USB cable when prompted during software installation.

The computer stops responding during software installation.

This may mean that virus protection software or another software program is running in the background and slowing down the installation process. Wait while the software finishes copying files; this may take several minutes. If, after several minutes, the computer is still not responding, restart the computer, pause or disable any active virus protection software, quit all other software programs, and then reinstall the printer software.



Note Your virus protection software will turn back on automatically when you restart the computer.

The System Requirements dialog box appears during installation.

A component of the computer system does not meet minimum system requirements. Upgrade the component to the minimum system requirement and then reinstall the printer software.

The System Requirements check indicates that the computer is running an outdated version of Internet Explorer.

Press Ctrl + Shift on the keyboard and click Cancel in the System Requirements dialog box to bypass the block and complete the software installation. You must update Internet Explorer immediately after installing the HP Photosmart software, or the HP software will not work properly.



Note You do not have to reinstall the HP software after updating Internet Explorer.

The computer could not read the HP Photosmart CD.

Make sure the CD isn't dirty or scratched. If other CDs work but the HP Photosmart CD does not, you may have a damaged CD. You can download the printer software from www.hp.com/support. If other CDs don't work, you may need to service the CD-ROM drive.

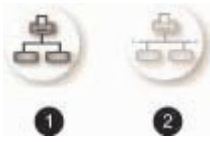
a Networking

The instructions below describe how to install the HP Photosmart 8400 series printer in an ethernet (wired) network. A wired setup allows the printer to communicate to computers through a router, hub, or switch. Broadband Internet access is required in order to take full advantage of the printer feature set.



Note For USB installation, see the setup instructions that came in the box.

Once you set up the printer on a network, the printer screen displays one of two ethernet connection icons to indicate the status of the connection:



1	Ethernet connection active icon
2	Ethernet connection inactive icon

Before proceeding with this section, make sure you have already set up your wired network. See the documentation that came with your network hardware. Also make sure you have set up the printer as described in the setup instructions that came in the box.

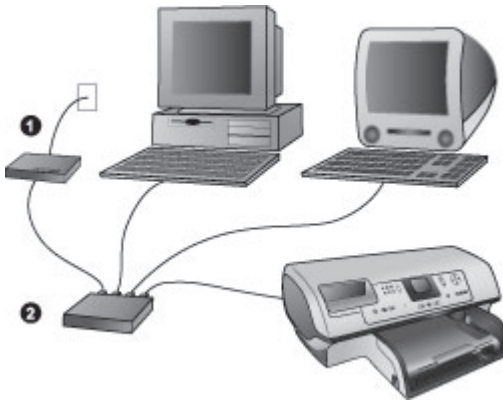
Networking basics (Windows and Macintosh)

Networking lets networked devices, such as computers and printers, communicate with each other. A wired or ethernet network is the most common type of network in offices and in homes. The network adapter in the printer itself supports both 10 Mbps and 100 Mbps ethernet networks. To connect the printer to a network, you need a CAT-5 ethernet cable equipped with a RJ-45 plug. This is not the same as a USB cable.



Caution Although the RJ-45 plug of a CAT-5 cable resembles a common telephone plug, it is not the same. Never use a regular phone wire to connect the printer to an ethernet network. You can damage the printer and other network devices by doing so.

The following illustration shows an example of the printer networked with several computers through a network hub, switch, or router. A cable or DSL modem links the hub and all the networked devices to broadband Internet access.



1	Cable or DSL modem connecting the networked devices to broadband Internet access
2	A network access point (hub, switch, or router) into which all the devices are connected through ethernet cables

Networked devices connect to each other through a central device. The most common types include:

- **Hubs:** A simple, inexpensive network device that lets several computers communicate with each other or share a common printer. Hubs are passive. They only provide a way for communication to flow between other devices.
- **Switches:** Switches are similar to hubs, but can examine the information sent between devices and forward the information only to the proper device. They can lessen bandwidth usage on a network and help keep it running more efficiently.
- **Routers:** Routers or gateways connect both devices and networks. A common use is to connect several home computers on a network to the Internet. Routers often also include a built-in firewall that can help protect a home network from unauthorized access.



Note For specific information about setting up and configuring the hardware on your network, see the documentation that came with the hardware.

Internet connection

If your network is connected to the Internet through a router or gateway, it is recommended that you use a router or gateway that supports Dynamic Host Configuration Protocol (DHCP). A gateway with DHCP support manages a pool of reserved IP addresses that it assigns dynamically as needed. See the documentation that came with the router or gateway.

Recommended network configurations

The following network configurations support the printer. Determine the type of network configuration you have, then see [Connecting the printer to the network](#) and [Installing the printer software on a Windows computer](#) or [Installing the printer software on a Macintosh](#) for instructions on connecting your printer to the network and then installing the software.

Ethernet network without Internet access

The computers and printer communicate with each other, forming a simple network, through a hub. None of the networked devices has access to the Internet. Some printer features, such as sharing photos directly from the printer over the Internet using HP Instant Share, do not work in this configuration.

Ethernet network with Internet access by dial-up modem

The computers and printer communicate with each other, forming a simple network, through a hub. One of the computers has access to the Internet through a modem and dial-up account.

None of the other networked devices, including the printer, have direct access to the Internet. Some printer features, such as sharing photos directly from the printer over the Internet using HP Instant Share, do not work in this configuration.

Ethernet network with broadband Internet access provided by a router

The printer is connected to a router that acts as a gateway between the user network and the Internet. The full feature set of the printer, including sharing photos over the Internet, is available without even having a computer available or connected to the network. This is the ideal network configuration.

Connecting the printer to the network

To connect the printer to a wired network, you need the following:

- A network access point such as a hub, router, or switch with an open port
- A CAT-5 ethernet cable with RJ-45 plug
- Broadband Internet access (only if you want to access HP Instant Share directly from the device. For more information, see [Getting connected](#)).



Note 1 You should not connect the printer directly to a computer using an ethernet cable. Peer-to-peer networking is not supported.

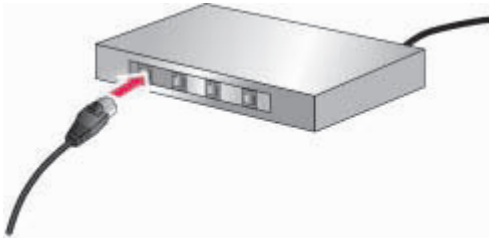
Note 2 After you connect the printer to the network as described in this section, you must install the printer software. See [Installing the printer software on a Windows computer](#) or [Installing the printer software on a Macintosh](#).

To connect the printer to the network

1. Connect the ethernet cable to the back of the printer.



2. Connect the ethernet cable to an empty port on the hub, router, or switch.



After you finish connecting the printer to the network, install the printer software. You cannot print from a computer until you do the software installation.

- Installing the printer software on a Windows computer
- Installing the printer software on a Macintosh

Installing the printer software on a Windows computer



Note Set up the printer as indicated in the setup instructions that came in the box.

Installation time can range from 20 minutes (Windows XP) to 1 hour (Windows 98), the amount of available hard drive space, and the processor speed of the computer. Make sure you have already connected the printer to the network with an ethernet cable before you begin the installation.



Note The printer software must be installed as described in this section on every networked computer from which you want to print to the Photosmart 8400 series printer. After the installation, printing is identical to printing through a USB connection.



Tip Do not use the Windows **Add Printer** control panel utility to install the printer software. You must use the HP installer to install the printer on a network properly.

To install the printer software

1. Print a network configuration page. You may need the information included in this report if the installer cannot detect the printer.
See [Printing a network configuration page](#).
2. Insert the HP Photosmart printer software CD into the computer's CD-ROM drive.
3. Click **Next** and follow the instructions provided by the Installer to check and prepare the system, and install drivers, plug-ins, and software. This takes several minutes.
4. At the **Connection Type** screen, select **Through the network**, then click **Next**. The **Searching** screen appears as the Setup program searches for the printer on the network.

If the Printer Found screen appears, do this:

 - a. Verify that the printer description is correct. (Use the configuration page to verify the printer name and hardware address. See [Printing a network configuration page](#).)
 - b. If the printer description is correct, select **Yes, install this printer**, then click **Next**. If more than one printer is found on the network, select **HP Photosmart 8400 series** as the device to configure and install, then click **Next**. If you have more than one HP Photosmart 8400 series printer on your network, use the Hardware Address (MAC) item listed in the network configuration page to identify the specific HP Photosmart 8400 series printer you want to install.

If the Check Cable Connection screen appears, do this:

- a. Follow the onscreen instructions, then select **Specify a printer by address**, then click **Next**.

- b. On the **Specify Printer** screen, enter the Hardware Address (MAC) number listed in the network configuration page in the **Hardware Address (MAC)** box.
Example: 02bad065cb97
MAC stands for Media Access Control, a hardware address that identifies the printer on the network.
 - c. Enter the IP Address listed in the network configuration page in the **IP Address** box , then click **Next**.
Example: 169.254.203.151
 - d. When the **Printer Found** screen appears, select **Yes, install this printer**, then click **Next**.
 - e. In the **Confirm Settings** screen, click **Next**.
 - f. Follow the onscreen instructions.
5. When prompted, click **Finish** to exit the installation.

Installing the printer software on a Macintosh



Note Set up the printer as indicated in the setup instructions that came in the box.

Installation time can take 3-4 minutes depending on your operating system, the amount of available hard drive space, and the processor speed of the Macintosh. Make sure you have already connected the printer to the network with an ethernet cable before you begin the installation. If you have already installed this printer on a USB connection, you do not have to follow these instructions to do a network installation. Instead, see [To change a USB connected printer to a network connection](#).



Note The printer software must be installed as described in this section on every networked computer from which you want to print to the Photosmart 8400 series printer. After the installation, printing is identical to printing to a printer connected by a USB cable.

To install the printer software

1. Insert the HP Photosmart printer software CD into the Macintosh CD-ROM drive.
2. Double-click the CD icon on the desktop.
3. Double-click the Installer icon.
The **Authenticate** dialog appears.
4. Enter the **Name** and **Password** used to administer your Macintosh, then click **OK**.
5. Follow the onscreen instructions.
6. When the **HP Photosmart Install** window appears, choose **Easy Install**, then click **Install**.
7. In the **Select Printer** window, click the **Network** tab. The installer searches for any printers on the network.

If the printer is found, do this:

- a. Select the HP Photosmart 8400 series printer in the **Select Printer** window, then click **Utilities**.
- b. Follow the onscreen instructions to register the printer.

If the printer is not found, do this:

- a. Print a network configuration page and locate the IP Address entry listed on the page.
- b. Make sure the printer is connected by the correct type of CAT-5 ethernet cable to the network. See [Connecting the printer to the network](#).
- c. Click **Find**, enter the IP Address, then click **Save**.
- d. Select the HP Photosmart 8400 series printer in the **Select Printer** window, then click **Utilities**.
- e. Follow the onscreen instructions to register the printer.



Note Some browsers may not work with the online registration. If you encounter problems, either try another browser or skip this step.

8. Select the printer in the **Print** dialog box. If the printer does not appear in the list, select **Edit Printer List** to add the printer.
9. In the **Printer List** window, click **Add**.
10. Select **Rendezvous** from the drop-down list.
11. Select the printer from the list, then click **Add**.
That's it. You're done!

To change a USB connected printer to a network connection

1. Connect the printer to the network. See [Connecting the printer to the network](#).
2. Print a network configuration page and locate the IP Address entry.
3. Open a web browser and enter the IP Address to access the embedded web server in the printer. For more information on the embedded web server, see [Using the embedded web server](#).
4. Click the **Networking** tab.
5. Click **mDNS** in the Applications area on the left.
6. Enter a unique name (63 characters or less) in the **mDNS Service Name** box.
7. Click **Apply**.
8. Select the printer in the **Print** dialog box. If the printer does not appear in the list, select **Edit Printer List** to add the printer.
9. In the **Printer List** window, click **Add**.
10. Select **Rendezvous** from the drop-down list.
11. Select the printer from the list, then click **Add**.

Using the embedded web server

The embedded web server in the printer provides a simple way to manage the networked printer. Using any web browser from either a Windows or Macintosh computer, you can communicate with the printer over the network to:

- Check printer status and estimated ink levels
- View network statistics
- Adjust the printer network configuration such as specifying a proxy server, setting a DNS name, or manually entering an IP address
- Restrict access to configuration pages
- Order supplies
- Go to the HP website for support

To access the embedded web server home page

1. Print a network configuration page. See [Printing a network configuration page](#).
2. Enter the printer IP address indicated on the network configuration page into the address box of your browser.

Example IP address: 10.0.0.81

The home page for the embedded web server appears.

For information about network terms and the embedded web server that is not covered in this guide, access the embedded web server help.

To access help for the embedded web server

1. Go to the embedded web server home page. See [To access the embedded web server home page](#).
2. Click **Help** in the **Other Links** area of the home page.

Printing a network configuration page

You can print a network configuration page from the printer without even being connected to a computer. The configuration page provides useful information regarding the printer IP address, network statistics, and other network settings. You can also display a summary of select network settings on the printer itself.

To print a detailed network configuration page

1. Press **Menu** on the printer.
2. Select **Tools**, then press **OK**.
3. Select **Network**, then press **OK**.
4. Select **Print detailed report**, then press **OK**.

To view a summary of network settings

1. Press **Menu** on the printer.
2. Select **Tools**, then press **OK**.
3. Select **Network**, then press **OK**.
4. Select **Display summary**, then press **OK**.

b Support and warranty

This section contains information about technical support and the printer warranty.

Customer Care

If you have a problem, follow these steps:

1. Check the documentation that came with the printer.
 - **Setup Guide:** The *HP Photosmart 8400 series Setup Guide* explains how to set up the printer.
 - **User's Guide:** The *User's Guide* describes the basic features of the printer, explains how to use the printer without connecting a computer, and contains hardware troubleshooting information. It is available in online format on the *User's Guide* CD.
 - **HP Photosmart Printer Help:** The onscreen HP Photosmart Printer Help describes how to use the printer with a computer and contains software troubleshooting information.
 - **Reference Guide:** The *HP Photosmart 8400 series Reference Guide* is the book you are reading. It provides basic information about the printer, including setup, operation, technical support, and warranty. For detailed instructions, see the *User's Guide* CD.
 - **HP Photosmart Printer Help:** The onscreen HP Photosmart Printer Help describes how to use the printer with a computer and contains software troubleshooting information. See *Installing the software*.
2. If you are unable to solve the problem using the information in the documentation, visit www.hp.com/support to do the following:
 - Access online support pages
 - Send HP an e-mail message for answers to your questions
 - Connect with an HP technician by using online chat
 - Check for software updatesSupport options and availability vary by product, country/region, and language.
3. **For Europe only:** Contact your local point of purchase. If the printer has a hardware failure, you will be asked to bring the printer to where you purchased it. Service is free during the printer limited warranty period. After the warranty period, you will be quoted a service charge.
4. If you are unable to solve the problem using the onscreen Help or HP websites, call Customer Care using the number for your country/region. For a list of country/region phone numbers, see the following section.

Customer Care by phone

While the printer is under warranty, you can obtain free phone support. For more information, see *Limited warranty statement*, or go to www.hp.com/support to check the duration of your free support.

After the free phone support period, you can obtain help from HP at an additional cost. Contact your HP dealer or call the support phone number for your country/region for support options.

To receive HP support by phone, call the appropriate support phone number for your location. Standard phone company charges apply.

Western Europe: Customers in Austria, Belgium, Denmark, Spain, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Finland, Sweden, Switzerland, and the United Kingdom should go to www.hp.com/support to access phone support numbers in their country/region.



www.hp.com/support

Support for the following countries/regions is available at www.hp.com/support: Austria, Belgium, Central America & The Caribbean, Denmark, Spain, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Finland, Sweden, Switzerland, and the United Kingdom.

61 56 45 43	الجزائر	한국	1588-3003
Argentina (Buenos Aires)	54-11-4708-1600	Malaysia	1800 805 405
Argentina	0-800-555-5000	Mexico (Mexico City)	55-5258-9922
Australia	1300 721 147	Mexico	01-800-472-68368
Australia (out-of-warranty)	1902 910 910	22 404747	المغرب
800 171	البحرين	New Zealand	0800 441 147
Brasil (Sao Paulo)	55-11-4004-7751	Nigeria	1 3204 999
Brasil	0-800-709-7751	Panama	1-800-711-2884
Canada (Mississauga Area)	(905) 206-4663	Paraguay	009 800 54 1 0006
Canada	1-(800)-474-6836	Perú	0-800-10111
Chile	800-360-999	Philippines	2 867 3551
中国	021-3881-4518 800-810-3888 服务编码: 3001	Polska	22 5666 000
Colombia (Bogota)	571-606-9191	Puerto Rico	1-877-232-0589
Colombia	01-8000-51-4746-8368	República Dominicana	1-800-711-2884
Costa Rica	0-800-011-1046	România	(21) 315 4442
Česká republika	261 307 310	Россия (Москва)	095 7973520
Ecuador (Andinatel)	1-999-119 ☎ 800-711-2884	Россия (Санкт-Петербург)	812 3467997
Ecuador (Pacifitel)	1-800-225-528 ☎ 800-711-2884	800 897 1444	السعودية
2 532 5222	مصر	Singapore	6 272 5300
El Salvador	800-6160	Slovakia	2 50222444
Ελλάδα (από το εξωτερικό)	+ 30 210 6073603	South Africa (International)	+ 27 11 2589301
Ελλάδα (εντός Ελλάδας)	801 11 22 55 47	South Africa (RSA)	086 0001030
Ελλάδα (από Κύπρο)	800 9 2649	Rest Of West Africa	+ 351 213 17 63 80
Guatemala	1-800-711-2884	臺灣	02-8722-8000
香港特別行政區	2802 4098	ໄທ	+66 (2) 353 9000
Magyarország	1 382 1111	71 89 12 22	تونس
India	1 600 44 7737	Trinidad & Tobago	1-800-711-2884
Indonesia	+62 (21) 350 3408	Türkiye	90 216 444 71 71
(0) 9 830 4848	ישראל	Україна	(380 44) 4903520
Jamaica	1-800-711-2884	800 4520	الإمارات العربية المتحدة
日本	0570-000511	United States	1-(800)-474-6836
日本 (携帯電話の場合)	03-3335-9800	Uruguay	0004-054-177
		Venezuela (Caracas)	58-212-278-8666
		Venezuela	0-800-474-68368
		Việt Nam	+84 88234530

Placing a call

Call Customer Care while you are near the computer and printer. Be prepared to provide the following information:

- Printer model number (located on the front of the printer).
- Printer serial number (located on the bottom of the printer).

- Computer operating system.
- Version of printer driver:
 - **Windows PC:** To see the printer driver version, right-click the HP icon in the Windows taskbar and select **About**.
 - **Macintosh:** To see the printer driver version, use the Print dialog box.
- Messages displayed on the printer screen or on the computer monitor.
- Answers to the following questions:
 - Has the situation you are calling about happened before? Can you recreate the situation?
 - Did you install any new hardware or software on your computer around the time that the situation occurred?

Limited warranty statement

The limited warranty statement is included separately in the box.

C Specifications

This section lists the minimum system requirements for installation of the HP Photosmart printer software, and provides selected printer specifications.

For a complete list of printer specifications and system requirements, see the onscreen HP Photosmart Printer Help. For information about viewing the onscreen HP Photosmart Printer Help, see Find more information.

System requirements

Component	Windows PC minimum	Macintosh minimum
Operating system	Microsoft® Windows 98, 2000 Professional, ME, XP Home, and XP Professional	Mac® OS X 10.1 through 10.3
Processor	Intel® Pentium® II (or equivalent) or higher	G3 or greater
RAM	64 MB (128 MB recommended)	Mac OS 10.1 through 10.3: 128 MB
Free disk space	500 MB	500 MB
Video display	800 x 600, 16-bit or higher	800 x 600, 16-bit or higher
CD-ROM drive	4x	4x
Connectivity	<p>USB: Microsoft Windows 98, 2000 Professional, ME, XP Home, and XP Professional</p> <p>Ethernet: using the Ethernet port</p> <p>PictBridge: using front camera port</p> <p>Bluetooth: using optional HP Bluetooth Wireless Adapter</p>	<p>USB: Front and back ports (Mac OS X 10.1 through 10.3)</p> <p>Ethernet: using the Ethernet port</p> <p>PictBridge: using front camera port</p>
Browser	Microsoft Internet Explorer 5.5 or later	—

Printer specifications

Category	Specifications
Connectivity	USB: Microsoft Windows 98, 2000 Professional, ME, XP Home, and XP Professional; Mac OS X 10.1 through 10.3 Ethernet

(continued)

Category	Specifications
Environmental specifications	<p>Recommended during operation: 15–30° C (59–86° F), 20–80% RH</p> <p>Maximum during operation: 5–40° C (41–104° F), 15–80% RH</p> <p>Storage temperature range: -30–65° C (22–149° F)</p>
Image file formats	<p>JPEG Baseline</p> <p>TIFF 24-bit RGB uncompressed interleaved</p> <p>TIFF 24-bit YCbCr uncompressed interleaved</p> <p>TIFF 24-bit RGB packbits interleaved</p> <p>TIFF 8-bit gray uncompressed/packbits</p> <p>TIFF 8-bit palette color uncompressed/packbits</p> <p>TIFF 1-bit uncompressed/packbits/1D Huffman</p>
Media sizes	<p>Photo paper 10 x 15 cm (4 x 6 inches)</p> <p>Photo paper with tab 10 x 15 cm with 1.25 cm tab (4 x 6 inches with 0.5 inch tab)</p> <p>Index cards 10 x 15 cm (4 x 6 inches)</p> <p>Hagaki cards 100 x 148 mm (3.9 x 5.8 inches)</p> <p>A6 cards 105 x 148 mm (4.1 x 5.8 inches)</p> <p>L-size cards 90 x 127 mm (3.5 x 5 inches)</p> <p>L-size cards with tab 90 x 127 mm with 12.5 mm tab (3.5 x 5 inches with 0.5 inch tab)</p>
Media specifications	<p>Recommended maximum length: 356 mm (14 inches)</p> <p>Recommended maximum thickness: 292 µm (11.5 mil)</p>
Media sizes, standard	<p>Photo paper</p> <p>76 x 76 mm to 216 x 356 mm (3 x 3 inches to 8.5 x 14 inches)</p> <p>Plain paper</p> <p>Letter, 216 x 280 mm (8.5 x 11 inches)</p> <p>Legal, 216 x 356 mm (8.5 x 14 inches)</p> <p>Executive, 190 x 254 mm (7.5 x 10 inches)</p> <p>A4, 210 x 297 mm (8.27 x 11.7 inches)</p> <p>A5, 148 x 210 mm (5.8 x 8.3 inches)</p> <p>B5, 176 x 250 mm (6.9 x 9.8 inches)</p> <p>Cards</p> <p>Hagaki, 100 x 148 mm (3.94 x 5.83 inches)</p> <p>L-size, 90 x 127 mm (3.5 x 5 inches)</p> <p>L-size with tab, 90 x 127 mm with 12.5 mm tab (3.5 x 5 inches with 0.5 inch tab)</p> <p>Index, 76 x 127 mm, 10 x 15 cm, and 127 x 203 mm (3 x 5 inches, 4 x 6 inches, and 5 x 8 inches)</p> <p>A6, 105 x 148.5 mm (4.13 x 5.85 inches)</p>

(continued)

Category	Specifications
	<p>Envelopes No. 9, 98.4 x 225.4 mm (3.875 x 8.875 inches) No. 10, 105 x 240 mm (4.125 x 9.5 inches) A2 Invitation, 110 x 146 mm (4.375 x 5.75 inches) DL, 110 x 220 mm (4.33 x 8.66 inches) C6, 114 x 162 mm (4.5 x 6.4 inches)</p> <p>Custom 76 x 127 mm to 216 x 356 mm (3 x 5 inches to 8.5 x 14 inches)</p> <p>Transparencies and label sheets Letter, 216 x 280 mm (8.5 x 11 inches) A4, 210 x 297 mm (8.27 x 11.7 inches)</p>
Media types	Paper (plain, inkjet, photo, and banner) Envelopes Transparencies Labels Cards (index, greeting, Hagaki, A6, L-size) Iron-on transfers
Memory cards	CompactFlash Type I and II Microdrive MultiMediaCard Secure Digital SmartMedia Memory Sticks xD-Picture Card
Memory card-supported file formats	Printing: See Image file formats earlier in table Saving: All file formats
Paper trays	<p>Main tray 76 x 127 mm to 216 x 356 mm (3 x 5 inches to 8.5 x 14 inches)</p> <p>Photo tray 10 x 15 cm (4 x 6 inch) and Hagaki</p> <p>Out tray All supported sizes</p>
Paper tray capacity	<p>Main tray 100 sheets of plain paper 14 envelopes 20–40 cards (depending on thickness) 20 sheets of banner paper</p>

(continued)

Category	Specifications
	30 sheets of labels 25 transparencies, iron-on transfers, or photo paper Photo tray 25 sheets of photo paper Out tray 50 sheets of plain paper 20 sheets of photo paper, banner paper, or transparencies 10 cards or envelopes 25 sheets of labels or iron-on transfers
Power consumption	Printing: 15–45 W Idle: 5 W Off: 2 W
Power cord model number	Q0950-4476
Print cartridges	HP Gray Photo (C9368A) HP Color Photo (C9369E) HP Tri-color (C8766E or C9363E) HP Black (C8767E)
USB support	Microsoft Windows 98, 2000 Professional, ME, XP Home, and XP Professional Mac OS X 10.1 through 10.3 HP recommends that the USB cable be less than 3 meters (10 feet) in length
Network support	Microsoft Windows 98, 2000 Professional, ME, XP Home, and XP Professional Mac OS X 10.1 through 10.3 An RJ-45 Ethernet cable
Video file formats	Motion JPEG AVI Motion-JPEG QuickTime MPEG-1

Environmental statements

Hewlett-Packard Company is committed to providing quality products in an environmentally sound manner.

Protecting the environment

This printer has been designed with several attributes to minimize impact on our environment. For more information, go to HP's Commitment to the Environment website at www.hp.com/hpinfo/globalcitizenship/environment/.

Ozone production

This product generates no appreciable ozone gas (O₃).

Energy consumption

Energy usage drops significantly while in ENERGY STAR® mode, which saves natural resources and saves money without affecting the high performance of this product. This product qualifies for ENERGY STAR, which is a voluntary program established to encourage the development of energy-efficient office products.



ENERGY STAR is a U.S. registered mark of the U.S. EPA. As an ENERGY STAR partner, Hewlett-Packard Company has determined that this product meets the ENERGY STAR guidelines for energy efficiency. For more information, go to www.energystar.gov.

Paper use

This product is suited for the use of recycled paper according to DIN 19309.

Plastics

Plastic parts over 24 grams (0.88 ounces) are marked according to international standards that enhance the ability to identify plastics for recycling purposes at the end of the printer life.

Material safety data sheets

Material Safety Data Sheets (MSDS) can be obtained from the HP website at www.hp.com/go/msds. Customers without Internet access should contact Customer Care.

Recycling program

HP offers an increasing number of product return and recycling programs in many countries, and partners with some of the largest electronics recycling centers throughout the world.

HP conserves resources by reselling some of its most popular products.

This HP product contains lead in the solder, which may require special handling at the end of its life.

Regulatory notices

Hewlett-Packard Company

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

Pursuant to Part 15.21 of the FCC Rules, any changes or modifications to this equipment not expressly approved by Hewlett-Packard Company may cause harmful interference, and void your authority to operate this equipment. Use of a shielded data cable is required to comply with the Class B limits of Part 15 of the FCC Rules.

For further information, contact: Hewlett-Packard Company, Manager of Corporate Product Regulations, 3000 Hanover Street, Palo Alto, CA 94304, (650) 857-1501.

Note

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, can cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and 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.

LED indicator statement

The display LEDs meet the requirements of EN 60825-1.

사용자 안내문 (한국 기기)

이 기기는 비업무용으로 전자파장해검정된 낮은 기기여서, 주거지역에서는 물론 모든 지역에서 사용될 수 있습니다.

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