HP Photosmart A710 series

User Guide

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Regulatory model identification number VCVRA-0607

For regulatory identification purposes, the product is assigned a Regulatory Model Number. The Regulatory Model Number for the product is VCVRA-0607. This regulatory number should not be confused with the marketing name (HP Photosmart A710 series) or product number (Q7100A).

Environmental statements

For Environmental Stewardship information, see the electronic Help.

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1 Welcome

Thank you for purchasing an HP Photosmart A710 series printer! This printer makes home photo printing simple, convenient, and fun, and it produces high-quality color prints you will be pleased to share with family and friends. With your printer, you can:

Take advantage of internal storage

See Save photos from a memory card to the internal printer storage.

View your photos on TV

See View a slide show on a TV.

Apply Photo Fix techniques

See Perfect photos automatically using Photo Fix.

Get creative: add frames, greetings, clipart, and color effects

See Creative projects.

Print passport photos

See Print passport photos.

Print panoramas

See Print panoramic photos.

Print photo stickers

See Print photo stickers.

Print CD/DVD labels

See Print CD/DVD labels.

Find more information

The printer comes with the following documentation:

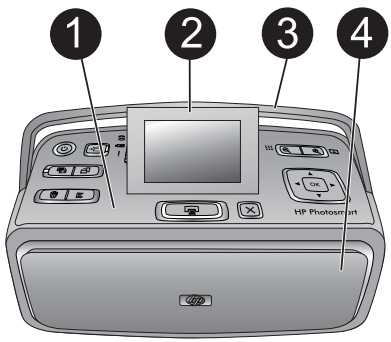
- **Setup Guide**: Read this guide first! It explains how to set up the printer and print your first photo.
- **User Guide**: This is the book you are reading. This book describes the basic features of the printer, explains how to use the printer without connecting it to a computer, and contains hardware troubleshooting information. Appendix A contains information on installing the printer software.
- **Printer Help Menu**: The Help menu on the printer lets you read helpful printing tips and information about basic printer features right on the printer screen. For information on viewing the Help menu, see Use the printer menus.
- **Electronic Help**: The electronic Help describes how to use the printer with a computer and contains software troubleshooting information.

After you have installed the printer software on your computer, you can view the electronic Help:

- **Windows**: From the Windows **Start** menu, click **Programs** or **All Programs**, point to **HP**, **HP Photosmart A710 series**, and then click **Photosmart Help**.
- **Mac**: Choose **Help**, **Mac Help** in the Finder, and then choose **Library**, **HP Photosmart Printer Help**.

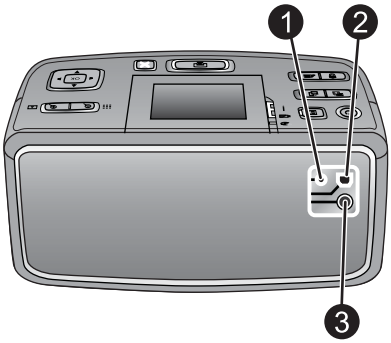
Printer parts

This section gives an overview of the parts of your printer, and provides references to sections where the parts and functions are described in more detail.



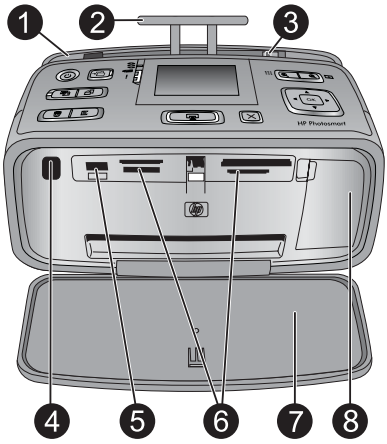
Front of printer (input and output trays closed)

1	**Control panel**: Control the basic functions of the printer from here.
2	**Printer screen**: View photos and menus here. The printer screen pops up automatically when you open the output tray. Raise or lower the screen to adjust the viewing angle. To manually raise the screen, place your finger under the indentation on the left side of the screen. Fold the screen flat to store or transport the printer.
3	**Printer handle**: Make sure the printer screen is in the flat (closed) position, and then pull up the printer handle from the back to carry the printer upright.
4	**Output tray (closed)**: Open this to print, insert a memory card, connect a compatible digital camera, or connect an HP iPod.



Rear of printer

1	**TV cable connection**: Connect the video cable here.
2	**USB port**: Connect the printer to a computer or to an HP direct-printing digital camera here using a USB cable.
3	**Power cord connection**: Connect the power cord here.

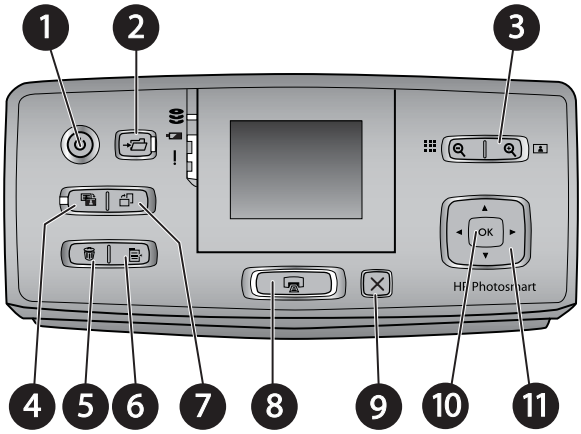


Inside front of printer (input and output trays open)

1	**Input tray**: Load paper here. The input tray opens automatically when you open the output tray. See To load paper.
2	**Input tray extension**: Pull out to support paper.
3	**Paper-width guide**: Move to width of current paper to position the paper properly.
4	**Remote control infrared port**: The printer's remote control uses this port to communicate with the printer. See Connect the printer to the TV.
5	**Camera port**: Connect a PictBridge digital camera, the optional HP Bluetooth wireless printer adapter, an iPod, or a USB flash/thumb drive here. See Print from other devices.
6	**Memory card slots**: Insert memory cards into these slots. See Get photos from a memory card.
7	**Output tray (open)**: The printer deposits printed photos here.
8	**Print cartridge door**: Open to insert or remove a print cartridge.

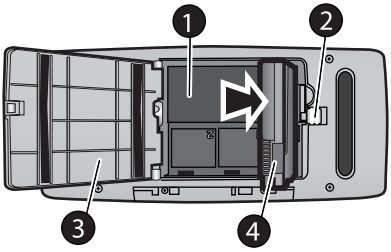
Indicator lights

1	**On light**: This light is solid green if the printer is on, green and flashing if the printer is busy, or red and flashing if the printer requires attention.
2	**Save photos to printer light**: This light flashes green when saving photos to the internal printer storage.
3	**Battery light**: This light flashes if the optional battery is charging, or is solid if the battery is fully charged. The light won't be on if there is no battery installed or if there is a battery installed but the printer is not connected to AC power. For more information about the battery, refer to the instructions that came with the battery.
4	**Attention light**: This light flashes red when an error occurs or the printer needs attention. See the printer screen for information and, if necessary, see Troubleshooting.
5	**Photo Fix light**: This light indicates when the Photo Fix feature is on and working. See Perfect photos automatically using Photo Fix.
6	**Print light**: This light is solid green if the printer is ready to print, or green and flashing if the printer is printing or processing information.
7	**Memory card light**: This light flashes green if the printer is accessing the memory card, or is solid green if the printer has finished accessing the card and is ready to print.



Control panel

1	**On**: Press this button to turn the printer on or off.
2	**Save**: Press this button to open the Save menu.
3	**Zoom**: Press the button to increase the zoom level or to open a folder or album in 9–up view mode. Press the button to decrease the zoom level or to collapse a 9–up view to a folder or album view.
4	**Photo Fix**: The Photo Fix feature automatically improves your photos by adjusting the focus, lighting, and brightening, and by removing red-eye. This feature is on by default; to turn it off, press this button.
5	**Delete**: Press this button to delete the currently displayed or highlighted photo from a memory card or the internal printer storage. You can also delete the currently displayed photo, the highlighted photo in 9-up view, or all selected photos. For more information on selecting and deleting photos, see Select multiple photos.
6	**Menu**: Press this button to open the printer Main menu.
7	**Rotate**: Press this button to rotate the currently highlighted or displayed photo.
8	**Print**: Press this button to print selected photos from a memory card or the internal printer storage. See Print from a memory card or the internal printer storage.
9	**Cancel**: Press this button to go back to the previous menu, exit the menu entirely, or cancel printing.
10	**OK**: Press this button to select a photo, menu, or menu option.
11	**4-way arrow button**: Use the arrows to scroll through photos or to navigate the printer menus. Press **OK** to select a photo, menu, or menu option.



Internal battery compartment

1	**Internal battery compartment**: Insert the optional HP Photosmart Internal Battery here.
2	**Battery compartment button**: Slide to release the compartment cover.
3	**Battery compartment cover**: Open this cover on the bottom of the printer to insert the optional HP Photosmart Internal Battery.
4	**Internal battery**: A fully-charged battery has sufficient charge to print approximately 75 photos. You must purchase the battery separately.

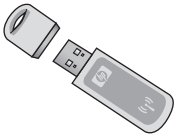
Caution Always make sure to unplug the printer power cord before opening the battery compartment cover, and do not touch the copper-colored contacts on the battery or the contacts inside the battery compartment.

Optional accessories

There are several optional accessories available for the printer that enhance its portability for printing anywhere, anytime. The appearance of the accessories may vary from what is shown.

HP Photosmart Internal Battery

The HP Photosmart internal battery lets you take the printer with you wherever you go.



HP Bluetooth® Wireless Printer Adapter

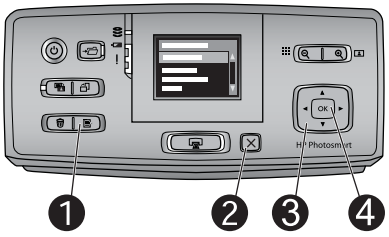
The HP Bluetooth wireless printer adapter goes into the camera port on the front of the printer, and lets you use Bluetooth wireless technology for printing.

HP Photosmart Carrying Case

The lightweight, durable HP Photosmart Carrying Case holds and protects everything needed for hassle-free printing on the go.

Use the printer menus

The printer menu gives you many print options, allows you to change the printer defaults, provides maintenance and troubleshooting tools, and provides how-to information for common printing tasks. For descriptions of all the menus and their options, see Printer menus.



To use the printer menus

➔ Press **Menu** (1) on the printer control panel to open the printer menu.

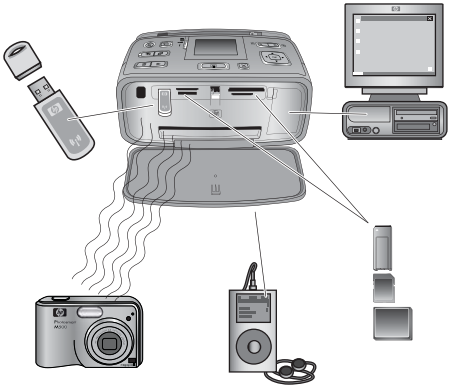
- Press **Cancel** (2) to exit the current menu.
- Use the 4-way arrow button (3) to navigate through the menu options displayed on the printer screen. Menu items that are unavailable are grayed out.
- Press **OK** (4) to open a menu or select an option.

Note For a list of all the printer menu options, see Printer menus.

2 Photo printing overview

Start-to-finish printing

This sections gives you a high-level overview of the steps involved in printing your photos. Subsequent sections describe each step in more detail.

Step 1 **Choose and load paper** See Choose and load paper.	
Step 2 **Get photos** You can connect the printer to various devices or use photos already saved in the internal printer storage. See Print from a memory card or the internal printer storage and Print from other devices.	
Step 3 **Navigate through and view your photos** See Navigate through and view your photos.	

(continued)

Step 4 **Select photos to print** See Select multiple photos.	
Step 5 **Choose a photo layout** See Choose a photo layout.	
Step 6 **Print your photos** See Print your photos.	

3 Paper basics

Choose and load paper

Learn how to choose the right paper for your print job and how to load it into the input tray for printing.

Choose the right paper

Use HP Advanced Photo Paper. It is especially designed to work with the inks in your printer to create beautiful photos. Other photo papers will produce inferior results.

For a list of available HP-designed photo paper, or to purchase supplies, go to:

- www.hpshopping.com (U.S.)
- www.hp.com/eur/hpoptions (Europe)
- www.hp.com/jp/supply_inkjet (Japan)
- www.hp.com/paper (Asia/Pacific)

The printer is set by default to print the best quality photos on HP Advanced Photo Paper. If you print on a different type of paper, be sure to change the paper type from the printer menu. See To change the paper type.

Load your paper

Some supported paper sizes:

- 10 x 15 cm (4 x 6 inch) photo paper
- 13 x 18 cm (5 x 7 inch) photo paper
- 10 x 30 cm (4 x 12 inch) panorama photo paper
- 10 x 15 cm (4 x 6 inch) photo sticker paper
- Index cards
- L-size cards
- Hagaki cards

Some supported paper types:

- HP Advanced Photo Paper (recommended)
- Cards: index, Hagaki, A6, L-size, 2L-size
- Photo sticker paper

- HP CD/DVD Label media
- HP Self-Adhesive Photo paper
- Other photo papers (results may vary)

Paper tray capacity: 20 sheets, maximum thickness 305 µm (12 mil) per sheet

To load paper

1. Open the output and input trays, and pull out the input tray extension.
2. Load up to 20 sheets of paper with the print side or glossy side facing the front of the printer. When loading, slide the paper to the left side of the input tray and push the paper down firmly until it stops.

   Note If you are using panorama photo paper, only load up to 10 sheets. If you are using photo sticker paper, only load a single sheet at a time.

3. Move the paper-width guide to the left to fit close to the edge of the paper without bending the paper.

To change the paper type

1. Press **Menu**.
2. Press ▼ to select **Preferences**, and then press **OK**.
3. Press ▼ to select **Paper type**, and then press **OK**.
4. Press ▼ to select one of the following paper types:
   - **HP Advanced Photo Paper** (default)
   - **HP Premium Photo Paper**
   - **Other Photo**
   - **Other Plain**
5. Press **OK**.

4 Print from a memory card or the internal printer storage

This section describes the steps for printing photos that are stored on a memory card or the internal printer storage. This section contains the following topics:

- Get photos from a memory card
- Get photos from the internal printer storage
- Navigate through and view your photos
- Select multiple photos
- Choose a photo layout
- Print your photos

Get photos from a memory card

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™, Microdrive, Memory Sticks, MultiMediaCard™, Secure Digital™, 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 Print from other devices.

Insert a memory card

Find your memory card in the following table and use the instructions to insert the card into the printer.

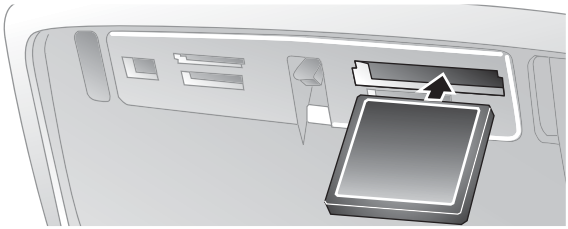
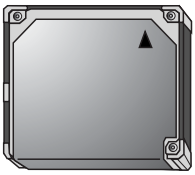
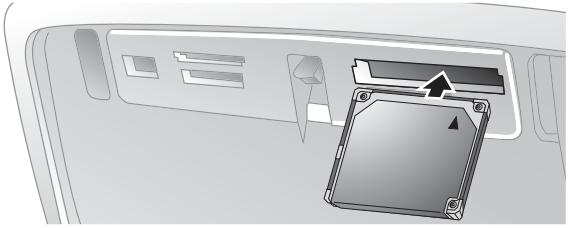
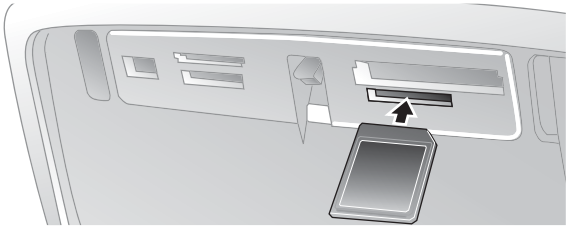
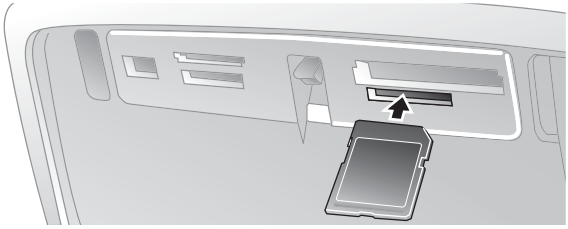
Guidelines:

- Insert only one memory card at a time.
- Gently push the memory card into the printer until it stops. The memory card does not insert all the way into the printer; do not try to force it.
- When the memory card is inserted correctly, the memory card light flashes and then remains solid green.

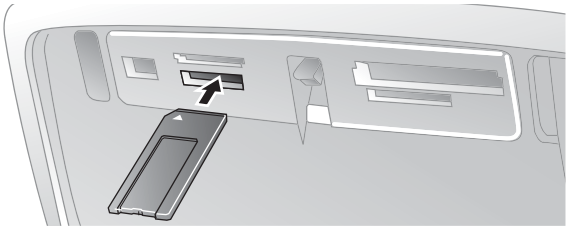
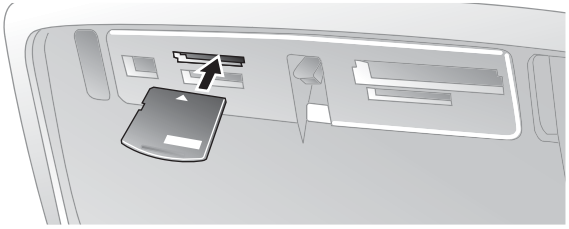
Caution 1 Inserting the memory card any other way may damage the card and the printer.

Caution 2 Do not pull out a memory card while the memory card light is flashing (the printer is accessing the card). For more information, see Remove a memory card.

The printer reads the memory card and then displays the first photo on the card in 1-up view. 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.

Memory card	How to insert the memory card
CompactFlash 	● Front label faces up, and if the label has an arrow, the arrow points toward the printer ● Edge with metal pinholes goes into the printer first 
Microdrive 	● Front label faces up, and if the label has an arrow, the arrow points toward the printer ● Edge with metal pinholes goes into the printer first 
MultiMediaCard 	● Angled corner is on the right ● Metal contacts face down 
Secure Digital 	● Angled corner is on the right ● Metal contacts face down ● If you are using a miniSD card, attach the adapter that came with the card before you insert the card into the printer 

(continued)

Memory card	How to insert the memory card
Memory Stick 	• Angled corner is on the left • Metal contacts face down • If you are using a Memory Stick Duo™ or Memory Stick PRO Duo™ card, attach the adapter that came with the card before you insert the card into the printer 
xD-Picture Card 	• Curved side of card points toward you • Metal contacts face down 

Remove a memory card

Caution Do not pull out the memory card while the memory card light is flashing. A flashing light means the printer or computer is accessing the memory card. Wait until the light remains solid. Removing a memory card while it is being accessed may corrupt information on the card or damage the printer and card.

To remove a memory card

➔ When the memory card light on the printer is solid, it is safe to pull the card out of the slot.

Get photos from the internal printer storage

To get photos from the internal printer storage, remove any memory cards that are inserted. You can only view photos on the internal storage if the memory card slots are empty. Use the 4-way arrow button to navigate through the photos stored on the internal storage. For more information, see Navigate through and view your photos.

Save photos from a memory card to the internal printer storage

If you have previously saved a photo to the internal storage, but then deleted it from the internal storage, you may want to save it again. Follow these steps:

To save photos from a memory card to the internal printer storage

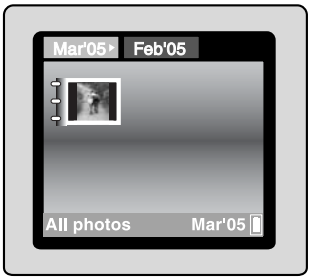
1. Insert a memory card and select photos to transfer. For information on viewing and selecting photos, see Select multiple photos.
2. Press **Save**.
3. Select **Organize & Save**, and then press **OK**.
4. Select **Save to printer**, and then press **OK**.
5. Press **OK** again to confirm.

Navigate through and view your photos

This section explains how to navigate through and view your photos on the printer screen. For information about viewing your photos on a TV, see View a slide show on a TV.

To view photos	Do this
One by one 	1. Insert a memory card or view photos on the internal printer storage. 2. Use the 4-way arrow button to navigate through the folders and albums. 3. Press 🔍 to view the photos in the selected album, nine at a time. 4. Use the 4-way arrow button to scroll through the photos, and highlight the photo you want to view. 5. Press 🔍 to view the photo. Press 🔍 again to magnify the photo, or 🔍 to decrease the magnification. 6. To change back to the nine at a time view, press 🔍 until nine photos display.

(continued)

To view photos	Do this
Folder view 	1. Insert a memory card or view photos on the internal printer storage. The photos are displayed in: – **Folders**: by month – **Albums**: groups of photos within a month 2. Use the 4-way arrow button to navigate through the folders and albums. – To navigate through the albums, press ▶ or ◀. When you reach the last album in the folder, the focus automatically moves to the first album in the next folder. – To navigate from one folder to another, press ▲. The focus moves to the folder tab. Press ◀ or ▶ to move from one tab to another.
Nine at a time 	1. Insert a memory card or view photos on the internal printer storage. 2. Use the 4-way arrow button to navigate through the folders and albums. 3. Press 🔍 until you see the photos in the selected album, nine at a time. 4. Use the 4-way arrow button to scroll through the photos. 5. Press 🔍 to change back to the folder view.
A video clip	1. Insert a memory card that contains a video clip, or view video clips on the internal printer storage. 2. Navigate through the folders and photos, and highlight the video clip you want to play. 3. Press 🔍. 4. Press ▲ to play the video clip. 5. Press **OK** to pause the video clip, select a frame, or start the video clip again. 6. Press **Cancel** to return to the beginning of the video clip. 7. Press ▼ to stop the video clip.

Select multiple photos

If you want to print more than one photo, or delete a group of photos all at once, you need to select the photos. When you select a photo, a check mark appears in the lower left corner of the photo on the screen, and the photo is selected.

To select several photos

1. Insert a memory card or view photos on the internal printer storage.
2. Use the 4-way arrow button to navigate through the folders and photos, and highlight a photo to print.
3. Press **OK** to select each photo you want to print.

To deselect photos

1. Highlight the photo you want to deselect, and then press **OK**.
2. Select **Deselect the selected item** or **Deselect all selected photos**, and then press **OK**. The check mark disappears from the lower left corner of the photos you have deselected.

To select a range of photos

1. Insert a memory card or view photos on the internal printer storage.
2. Press **OK** to select each album of photos you want to print.

Note If you are viewing photos one by one or nine at a time, press until the folder view appears.

To select more than one copy of a photo

1. Insert a memory card or view photos on the internal printer storage.
2. Press **OK** to select the photo you want to print.
3. Press **OK** again, and then choose **Select multiple print copies**.
4. Press ▶ or ◀ to increase or decrease the number of copies, and then press **OK**.

Choose a photo layout

You can select from several print layouts.

To select a photo layout

1. Press **Menu**.
2. Select **Print options**, and then press **OK**.
3. Select **Change layout**, and then press **OK**.
4. Press ▶ or ◀ and then press **OK** to select a layout:
   - **1-up**
   - **2-up**
   - **4-up**
   - **Index page**

The printer may rotate your photos to fit the layout.

Note When borderless printing is turned off, all pages print with a narrow white border around the outside edges of the paper. To turn on borderless printing, see the “Borderless” option in Preferences.

Print your photos

You can print digital photos that are stored on a memory card or the internal printer storage. You can print photos you have selected on the printer or photos you have selected on the camera (Digital Print Order Format, or DPOF). Printing from a memory card requires no computer and does not drain your digital camera's batteries. See Get photos from a memory card.

Your photos are instantly dry, and can be handled immediately after they are printed. However, HP recommends that you leave the printed surface of your photos exposed to the air for 5-10 minutes, to allow the colors to fully develop before you stack them with other photos or place them in albums.

To print a single photo

1. Navigate through the photos on the inserted memory card or the internal printer storage.
2. Display the photo you want to print.
3. Press **Print**.

To print a group of selected photos

1. Navigate through the photos on the inserted memory card or the internal printer storage.
2. Select the photos you want to print. See Select multiple photos.
3. Press **Print**.

To print a photo index

1. Insert a memory card or view photos on the internal printer storage.
2. Press **Menu**.
3. Select **Print options**, and then press **OK**.
4. Select **Change layout**, and then press **OK**.
5. Press ▶ or ◀ until **Index page** is highlighted, and then press **OK**.

A photo index shows thumbnail views and index numbers for all the photos on a memory card (2000 maximum). You can use the index numbers to print specific photos or a range of photos. Use an index card or plain paper to conserve photo paper.

To print camera-selected photos

1. Insert a memory card that contains camera-selected (DPOF) photos.
2. Select **Yes** when the printer asks you whether you want to print the camera-selected photos, and then press **OK**.

5 Creative projects

This section contains the following topics:

- Print panoramic photos
- Print photo stickers
- Print passport photos
- Print CD/DVD labels
- Print a selected frame from a video clip
- Improve the quality of your photos
- Crop a photo
- Add a decorative frame
- Add clipart
- Add a greeting
- Add a color effect
- Add the date and time to your prints
- Set print quality
- Assign keywords and view photos in groups
- Create and view slide shows
- View a slide show on a TV
- E-mail or upload your photos using HP Photosmart Share

Once you have mastered basic photo printing, experiment with some of the other great features your printer has to offer. You can add creative effects such as frames or clip art to your photos to make them stand out in a scrap book. Or, print your favorite photos on CD/DVD labels or sticker paper. Want to share your vacation photos with the family? Create a slide show and view it on TV! This chapter teaches you how to do all of these things and more.

Note If you edit an image that resides on the printer's internal storage, your edits are saved when you press **OK**. If you edit an image on an external drive or a memory card, the settings do not change your original photo. They only affect printing.

Print panoramic photos

Note 1 Panoramic mode is not supported when printing from a digital camera connected to the camera port on the front of the printer with a USB cable.

Note 2 If you have installed the HP Photosmart Premier software program on your Windows 2000 or XP computer, you can create stitched panoramic photos. HP Photosmart Premier is only available on some models. For more information on the software options available with the printer, see Install the software.

To create panoramic photos

Stitch several photos together

➔ Use image editing software, such as HP Photosmart Premier, to stitch overlapping photos together to form a 10 x 30 cm (4 x 12 inch) photo. (Alternatively, some digital cameras can stitch several shots together into one photo before saving the photo to a memory card.) Then save the photo to a memory card and use the steps below to turn on panoramic mode, or print directly from the computer. Panoramic mode prints the selected photo with a 3:1 aspect ratio. For more information about printing from the computer, see the electronic Help.

Select any photo

➔ Select one or more photos on a memory card and use the steps below to turn on panoramic mode. Panoramic mode prints the selected photos with a 3:1 aspect ratio.

To print panoramic photos

1. Display the photo you wish to print on the printer screen.
2. Press **Menu**.
3. Select **Edit photos**, and then press **OK**.
4. Select **Specialty printing projects**, and then press **OK**.
5. Select **Panoramic photos**, and then press **OK**.
6. Select **On**, and then press **OK**.
7. Load 10 x 30 cm (4 x 12 inches) paper.
8. Select one or more panoramic photos. A crop box on the printer screen shows the portion of the displayed photo to be printed (3:1 aspect ratio). The higher the original resolution of the displayed photo, the better it will look when printed in panoramic mode.

9. Press **Print**.
10. When you are finished printing panoramic photos, turn off panoramic mode to continue printing with a normal 3:2 aspect ratio. To turn off panoramic mode, repeat steps 2 through 5, and then select **Off** and press **OK**.

Print photo stickers

You can purchase HP Self-Adhesive Photo paper to print full-size 10 x 15 cm (4 x 6 inches) photos on adhesive paper. To print on this media, you simply print the same way you would print on a regular piece of 10 x 15 cm (4 x 6 inches) photo paper. If you are using 16-up sticker paper instead, follow the procedure below.

Note Photo sticker paper is not available in all countries/regions.

Load a single sheet of 16-up photo sticker paper at a time.

To print photo stickers

1. Insert a memory card or view photos on the internal printer storage.
2. Press **Menu**.
3. Select **Edit photos**, and then press **OK**.
4. Select **Specialty printing projects**, and then press **OK**.
5. Select **Photo stickers**, and then press **OK**.
6. Select **On**, and then press **OK**.
7. Load a single sheet of photo sticker paper.
8. Select one or more photos.
9. Press **Print**. Each printed sheet contains 16 copies of a single photo.
10. When you are finished printing stickers, turn off Photo stickers mode. To turn off Photo stickers mode, repeat steps 2 through 5, select **Off**, and then press **OK**.

Print passport photos

To print passport photos

1. Insert a memory card or view photos on the internal printer storage.
2. Press **Menu**.
3. Select **Edit photos**, and then press **OK**.
4. Select **Specialty printing projects**, and then press **OK**.
5. Select **Passport photos**, and then press **OK**.
6. Select **On**, and then press **OK**.
7. Select a passport photo size, and then press **OK**.
8. Load photo paper.
9. Select one or more photos.
10. Press **Print**. Each printed sheet contains as many copies of a photo as will fit on the page, depending on the passport photo size selected.

Print CD/DVD labels

To print CD/DVD labels

1. Insert a memory card or view photos on the internal printer storage.
2. Press **Menu**.
3. Select **Edit photos**, and then press **OK**.
4. Select **Specialty printing projects**, and then press **OK**.
5. Select **CD Tattoo**, and then press **OK**.
6. Load CD/DVD label media.
7. Select one or more photos, and then press **OK**.
8. When the overlay area of the CD label is displayed on the screen, press to activate the Zoom/Pan feature.
9. Use the 4-way arrow button to position the label on the photo, and then press **OK**.
10. Press **Print**.

Print a selected frame from a video clip

To print a frame from a video clip

1. Insert a memory card that has a video clip on it or view video clips on the internal printer storage.
2. Use the 4-way arrow button to navigate to the video clip. The first frame in the clip appears.
3. Press **OK** to select the video clip. The video loads slowly, frame by frame, to allow you to pick a frame to print.
4. When the frame you want to print appears, press **OK**, and then press **Print**.

Note 1 The image resolution in video clips is typically lower than that of digital photos; therefore, you may notice that the print quality of your video clip frames is lower than the print quality of your photos.

Note 2 This printer supports several, but not all, video file formats. For a list of supported video file formats, see Printer specifications.

Improve the quality of your photos

The printer provides a variety of preferences and effects that can improve the quality of your printed photos. If you edit an image that resides on the printer's internal storage, your edits are saved when you press **OK**. If you edit an image on an external drive or a memory card, the settings do not change your original photo. They only affect printing.

Perfect photos automatically using Photo Fix

Photo Fix automatically enhances your photos using the following HP Real Life Technologies:

- Sharpen blurred photos.
- Improve dark areas of an image without affecting the light areas of an image.
- Reduce red-eye that can occur in photos taken with a flash.
- Improve the overall brightness, color, and contrast of photos.

Photo Fix is on by default when you turn on the printer. The Photo Fix light on the printer control panel is on when Photo Fix is on.

HP recommends leaving Photo Fix on, but if your photos do not print correctly, or if you want to print a photo without using the Photo Fix improvements, turn off Photo Fix.

To turn off Photo Fix

➔ Press **Photo Fix**.
A message on the printer screen tells you, **Photo Fix has been turned Off. All images will be printed without any changes**.

Photo Fix remains off until you press the **Photo Fix** button again, or turn the printer off and on again. If you have turned on Photo Fix, a message on the printer screen tells you, **Photo Fix has been turned On. All images will be printed with improvements**.

Improve the quality of your video clips

To improve the quality of your video clips

1. Press **Menu**.
2. Select **Edit photos**, and then press **OK**.
3. Select **Specialty printing projects**, and then press **OK**.
4. Select **Video action print**, and then press **OK**.
5. Select **On**, and then press **OK**.

Note Print times can be slower when this preference is turned on.

Crop a photo

Press ⊕ or ⊖ to increase or decrease the magnification by 0.25x. The maximum level is 5.0x.

To crop a photo

1. Highlight the photo you want to work with.
2. Press **Menu**.
3. Select **Edit photos**, and then press **OK**.
4. Select **Improve image**, and then press **OK**.
5. Select **Crop**, and then press **OK**.
6. Press ⊕ to magnify the current photo.
7. Press ⊕ or ⊖ to adjust the size of the cropped area.
8. Use the **Select** arrows button to move the crop box.
9. Press **OK** when the portion of the photo you want to print is in the crop box.
10. Press **Print** to begin printing.
Cropping does not change your original photo. It only affects printing.

Add a decorative frame

Adding a decorative frame can make the photo stand out. You can choose from a palette of various patterns and colors to make a frame.

To add a decorative frame

1. Highlight the photo you want to work with.
2. Press **Menu**.
3. Select **Edit photos**, and then press **OK**.
4. Select **Get creative**, and then press **OK**.
5. Select **Frames**, and then press **OK**.
6. Use ▼ or ▲ to select a frame category (General, Holidays, or Life events), and then press **OK**.
7. Use ◀ or ▶ to select a frame style, and then press **OK**.
8. Press **OK**, and then press **OK** again to save a copy of the photo and frame as a new image.

Add clipart

Note Clipart is only available on the HP Photosmart A716 and A717 models.

To add clipart

1. Highlight the photo you want to work with.
2. Press **Menu**.
3. Select **Edit photos**, and then press **OK**.
4. Select **Get creative**, and then press **OK**.
5. Select **Clipart**, and then press **OK**.
6. Use ▼ or ▲ to select a clipart category (General, Holidays, or Life events), and then press **OK**.
7. Press ⊕ or ⊖ to change the size of the clipart, use the 4-way arrow button to move the clipart, and then press **OK**.
8. Press **OK**, select **Yes**, then press **OK** again to save a copy of the photo and clipart as a new image.

Add a greeting

To add a greeting

1. Highlight the photo you want to work with.
2. Press **Menu**.
3. Select **Edit photos**, and then press **OK**.
4. Select **Get creative**, and then press **OK**.
5. Select **Greetings**, and then press **OK**.
6. Press ◀ or ▶ to select a greeting, and then press **OK**.
7. Press ⊕ or ⊖ to change the size of the greeting, use the 4-way arrow button to move the greeting, and then press **OK**.
8. Press **OK**, select **Yes**, and then press **OK** again to save a copy of the photo and greeting as a new image.

Add a color effect

Set the printer to change the color effect of your prints to **Black and White**, **Sepia**, **Antique**, or **None** (default).

To add a color effect

1. Highlight the photo you want to work with.
2. Press **Menu**.
3. Select **Edit photos**, and then press **OK**.
4. Select **Get creative**, and then press **OK**.
5. Select **Add color effect**, and then press **OK**.
6. Press ◀ or ▶ to select a color effect, and then press **OK**.
7. Press **OK**, and then press **OK** again to save a copy of the photo with the color effect as a new image.

Add the date and time to your prints

You can print a stamp on the front of your photos that shows when the photo was taken. This preference affects all prints.

To add the date and time

1. Press **Menu**.
2. Select **Preferences**, and then press **OK**.
3. Select **Date/time**, and then press **OK**.
4. Select a date/time stamp option:
   - **Date/time**
   - **Date only**
   - **Off**
5. Press **OK**.

Set print quality

You can set the printer to print photos at a higher or lower level of quality. For the best quality photos, choose Best. This mode produces the highest quality photos, but is also a slightly slower print mode. If you want to print a photo quickly, and are not concerned with obtaining the highest quality, choose a lower quality setting.

To change the print quality to Normal or Fast Normal

1. Press **Menu**.
2. Select **Preferences**, and then press **OK**.
3. Select **Print quality**, and then press **OK**.
   The current print quality setting has a check mark next to it.
4. Select a print quality, and then press **OK**.

Assign keywords and view photos in groups

Assign keywords to photos stored on the internal printer storage and then view photos by keyword.

To assign keywords

1. View photos on the internal printer storage.
2. Use the 4-way arrow button and press **OK** to select each photo or album to which you want to assign a keyword.
3. Press **Menu**.
4. Select **Organize & Save**, and then press **OK**.
5. Select **Keyword**, select **Assign a keyword**, and then press **OK**.
6. Press ▲ or ▼ to select a keyword, and then press **OK**.

To view photos by keyword

1. View photos on the internal printer storage.
2. Press **Menu**.
3. Select **Organize & Save**, and then press **OK**.
4. Select **Keyword**, select **View photos by keyword**, and then press **OK**.
5. Press ▲ or ▼ to select a keyword or one of the other keyword options, and then press **OK**.

Create and view slide shows

Play your favorite photos as a slide show on the printer screen.

To view photos in a slide show

1. Insert a memory card or view photos on the internal printer storage.
2. Select photos to view in the slide show by using the 4-way arrow button and pressing **OK**.
3. Press **Menu**.
4. Select **Slide show**, and then press **OK**.
5. Select **Play selected photos**, and then press **OK**.
6. Press **OK** to pause or resume a slide show.
7. Press **Cancel** to stop the slide show.

Note You can print without interrupting the slide show. When you press **Print**, the currently displayed image is added to the print queue.

View a slide show on a TV

Connect the printer to a TV to view photos with friends and relatives. You can view photos in folders, nine at a time, one by one, sorted by keyword, or in a continuous slide show, just as you can on the printer screen. Use the remote control that came with the printer to easily start or stop a slide show, or select photos for printing.

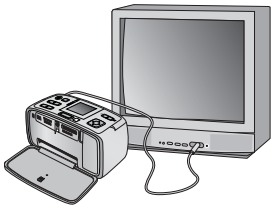
- Connect the printer to the TV
- Use the remote control
- View a slide show on the TV

Connect the printer to the TV

Before you connect the printer to a TV using the video cable, be sure to set the correct “Television” option in Preferences.

To connect the printer to the TV

➔ Connect the video cable to the TV cable connection on the back of the printer and to the video input connection on the TV.



Connect the printer to a TV

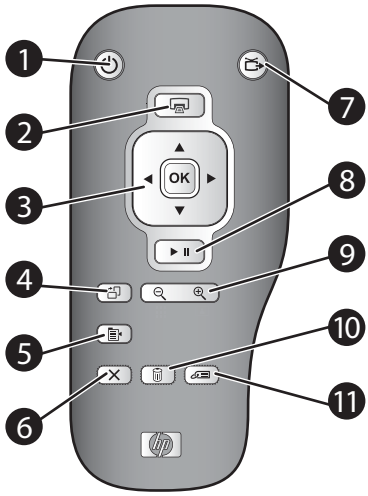
To select the video output format on the printer

1. Press **Menu**.
2. Select **Preferences**, and then press **OK**.
3. Select **Television**, and then press **OK**.
4. Select **NTSC** or **PAL**, and then press **OK**.
   The format that you choose (NTSC or PAL) depends on the video format of your TV.

Note See the documentation that came with your TV for information about the video format.

Use the remote control

Use the remote control to access the printer functions when you view photos and slide shows on a TV. Be sure to open the output tray on the printer so the remote control can communicate with the printer, and point the remote control toward the printer rather than the TV.

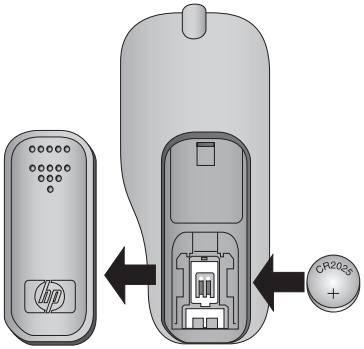


Remote control

1	**On**: Press this button to turn the printer on or off.
2	**Print**: Press this button to print selected photos from a memory card or the internal printer storage.
3	**4-way arrow and OK buttons**: Use the 4-way arrow button to scroll through photos on a memory card or the internal printer storage, or to navigate menus. Press **OK** to select a photo, menu, or menu option.
4	**Rotate**: Press this button to rotate the currently selected or highlighted photo.
5	**Menu**: Press this button to open the printer's Main menu.
6	**Cancel**: Press this button to exit a menu, go back, or cancel printing while viewing photos.
7	**TV/Printer**: Press this button to toggle between viewing photos on the TV screen and the printer screen.
8	**Slide show**: Press this button to play or pause a slide show. See View a slide show on a TV.
9	**Zoom**: Press the or buttons repeatedly to increase or decrease the zoom level.
10	**Delete**: Delete the currently selected or highlighted photo from a memory card or the internal printer storage.
11	**Keyword**: Press this button to open the Keyword menu.

The remote uses a supplied CR2025 battery that you need to install. Purchase replacement batteries from your local electronics store.

Install the battery for the remote control



1. Remove the battery compartment cover from the back of the remote control.
2. Insert the supplied battery as shown with the + side up.
3. Slide the cover back into place.

View a slide show on the TV

View photos on a memory card inserted in the printer or on the internal printer storage. The photos appear on the TV just as they would on the printer screen, but larger.

To view a slide show on the TV

1. Connect the printer to the TV using the video cable, turn on the TV, and then set the video input on the TV. The display changes from the printer screen to the TV screen.
2. Press **Slide show** on the remote control.

To return to viewing photos on the printer screen

➔ Disconnect the video cable from the TV and printer.

E-mail or upload your photos using HP Photosmart Share

Use HP Photosmart Share to share photos with friends and relatives using e-mail, online albums, or an online photo finishing service. The printer must be connected through a USB cable to a computer that has Internet access and the required HP software installed. If you try to use HP Photosmart Share and do not have all the required software installed or configured, a message prompts you through the required steps. See Install the software.

To use HP Photosmart Share

1. Insert a memory card and select some photos.
2. Press **Menu**, select **Tools**, and then press **OK**.
3. Select **Instant Share**, and then press **OK**.
4. Follow the instructions on your computer to share the selected photos with others.

For information about using HP Photosmart Share, see the electronic Help in HP Photosmart Premier, HP Photosmart Essential, or HP Photosmart Studio.

6 Print from other devices

This printer can connect to and print photos stored on several device types including computers, digital cameras, and photo-capable iPods.

- Print photos from a digital camera
- Print photos from a Bluetooth device
- Print photos from a computer
- Print photos from an iPod

Print photos from a digital camera

Print beautiful photos from a PictBridge or HP direct-printing digital camera without using a computer.

When you print directly from a digital camera, the printer uses the settings that you selected on the camera. For more information on using camera-selected photos, see the documentation that came with the camera.

Before you begin

To print from a digital camera, you will need the following:

- A PictBridge-compatible digital camera or an HP direct-printing digital camera.
- A USB cable to connect the camera and printer.
- (Optional) A memory card.

To print from a PictBridge camera

1. Turn on the PictBridge digital camera and select the photos you want to print.
2. Make sure the camera is in PictBridge mode, and then connect it to the camera port on the **front** of the printer using the USB cable that came with the camera.
   Once the printer recognizes the PictBridge camera, the selected photos print.

Note You can also save photos from a PictBridge-compatible digital camera to the internal printer storage.

To print from an HP direct-printing camera

1. Turn on the HP direct-printing digital camera and select the photos you want to print.
2. Connect the camera to the USB port on the **back** of the printer using the USB cable that came with the camera.
3. Follow the instructions on the camera screen.

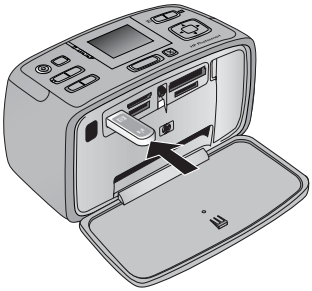
Print photos from a Bluetooth device

Print from any device with Bluetooth wireless technology to the printer.

Before you begin

To print from a Bluetooth-enabled device, such as a camera phone, you will need the following:

The optional HP Bluetooth wireless printer adapter. See Optional accessories.



If you connect the optional HP Bluetooth wireless printer adapter to the printer through the camera port, be sure to set the correct Bluetooth options in Tools.

To print from a Bluetooth device

➔ To learn how to print from a Bluetooth device, see the documentation that came with your Bluetooth adapter. For more information on Bluetooth wireless technology and HP, go to www.hp.com/go/bluetooth.

You can also:

- Save photos from a device with Bluetooth wireless technology to the internal printer storage.
- Save photos from a memory card inserted in the printer or from the internal printer storage to a device with Bluetooth wireless technology.

Print photos from a computer

Print from your computer to the printer.

You will need to transfer your photos to the computer before you can use them with the HP Photosmart software that lets you print from a computer. For more information, see To save photos from a memory card to the computer.

For information on installing the HP Photosmart software, see Install the software. The HP Photosmart software includes the interface that appears whenever you print from a computer.

Note The electronic Help provides more information on the many print settings available when you print from a computer. To learn how to access the electronic Help, see Find more information.

Before you begin

To print from a computer, you will need the following:

- A Universal Serial Bus (USB) 2.0 high-speed compliant cable 3 meters (10 feet) or less in length. For instructions about connecting the printer with a USB cable, see the electronic Help.
- A computer with Internet access (to use HP Photosmart Share).

To save photos from a memory card to the computer

1. Insert a memory card and select photos to transfer. For information on viewing and selecting photos, see Select multiple photos.
2. Press **Save**.
3. Select **Save to computer**, and then press **OK**.
4. Press **OK** again to confirm.

To print photos from a computer (Windows)

1. On the **File** menu in your software program, click **Print**.
2. Select the HP Photosmart A710 series as the printer. If you set the HP Photosmart A710 series as the default printer, you can skip this step. The HP Photosmart A710 series will already be selected.
3. Click **Print** or **OK** to begin printing.

To print photos from a computer (Mac)

1. On the **File** menu in your software program, click **Page Setup**.
2. Select the HP Photosmart A710 series as the printer. If you set the HP Photosmart A710 series as the default printer, you can skip this step. The HP Photosmart A710 series will already be selected.
3. On the **File** menu in your software program, click **Print**.
4. Click **Print** to begin printing.

Print photos from an iPod

If you have an iPod that can store photos, you can connect your iPod to the printer and print the photos.

Before you begin

Check that the images you copy to the iPod are in JPEG format.

Note iPods might not be available in your country/region.

To import photos to an iPod

1. Copy photos from a memory card to your iPod using the Belkin Media Reader for iPod.
2. Verify that photos are on your iPod by selecting **Photo Import** on the iPod menu. Photos appear as **Rolls**.

To print photos from an iPod

1. Connect the iPod to the camera port on the **front** of the printer using the USB cable that came with the iPod. The printer screen displays **Reading Device** for several minutes while the photos are read. Then the photos appear on the printer screen.
2. Select the photo(s) you want to print and press **Print**. For more information on selecting and printing photos, see Select multiple photos.

7 Maintain and transport the printer

The printer requires very little maintenance. Follow the guidelines in this section to extend the life span of the printer and printing supplies, and to ensure that the photos you print are always of the highest quality.

- Replace the print cartridge
- Clean and maintain the printer
- Store the printer and print cartridge
- Maintain the quality of photo paper
- Transport the printer

Replace the print cartridge

Use the HP 110 Tri-color Inkjet print cartridge to print black-and-white and color photos.

HP Vivera Inks deliver true-to-life photo quality and exceptional fade resistance, resulting in vivid colors that last. HP Vivera Inks are specially formulated and scientifically tested for quality, purity, and fade resistance.

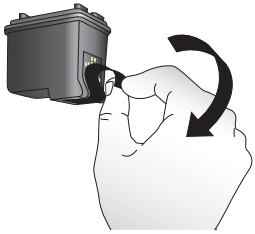
For optimal printing results, HP recommends using only HP print cartridges. Inserting an incorrect cartridge may invalidate the printer warranty.

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.

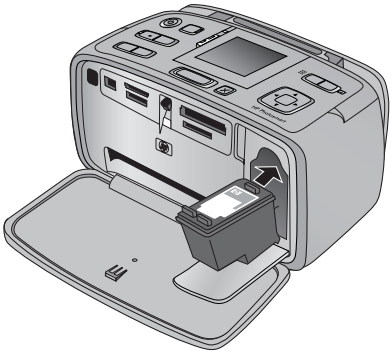
To prepare the printer and cartridge

1. Make sure the printer is on.
2. Open the print cartridge door of the printer.
3. Remove the bright pink tape from the cartridge.



Remove the pink tape

Do not touch here



To insert the cartridge

1. Remove the old cartridge from the cradle by pushing down and pulling outward on the cartridge.

   Warning Do not touch the copper-colored contacts inside the print cartridge compartment or on the print cartridge.

2. Hold the replacement cartridge with the label on top. Slide the cartridge at a slight upward angle into the cradle so the copper-colored contacts go in first. Push the cartridge until it snaps into place.
3. Close the print cartridge door.

The idle screen of the printer displays an icon showing the approximate ink level for the installed cartridge (100%, 75%, 50%, 25%, and nearly empty). No ink-level icon appears if the cartridge is not a genuine HP cartridge.

Note To check the ink level of the print cartridge, press **Menu**, select **Tools**, select **Cartridge**, and then select **Cartridge status**.

Each time you install or replace a print cartridge, a message appears on the printer screen asking you to load paper so the printer can align the cartridge. This ensures high-quality prints.

Load photo paper in the input tray, press **OK**, and then follow the onscreen instructions to align the cartridge.

Clean and maintain the printer

Keep the printer and print cartridge clean and well maintained using the simple procedures in this section.

Clean the outside of the printer

To clean the outside of the printer

1. Turn off the printer, and then disconnect the power cord from the back of the printer.
2. If you installed the optional HP Photosmart Internal Battery in the printer, remove it, and then replace the battery compartment cover.
3. Wipe the outside of the printer with a soft cloth that has been lightly moistened with water.

Caution 1 Do not use any type of cleaning solution. Household cleaners and detergents may damage the printer finish.

Caution 2 Do not clean the interior of the printer. Keep all fluids away from the interior.

Automatically clean the print cartridge

If you notice white lines or single-color streaks on the photos you print, you may need to clean the print cartridge.

To automatically clean the print cartridge

1. Press **Menu**.
2. Select **Tools**, and then press **OK**.
3. Select **Cartridge**, and then press **OK**.
4. Select **Clean cartridge**, and then press **OK**.
5. Following the directions on the printer screen, load paper so the printer can print a test page after cleaning the cartridge. Use plain paper or index cards to conserve photo paper.

6. Press **OK** to begin cleaning the print cartridge.
7. When the printer finishes cleaning the cartridge and prints a test page, it asks whether you want to **Continue to second level cleaning**. Check the test page and select from the following options:
   – If the test page has white streaks or missing colors, the print cartridge needs to be cleaned again. Select **Yes**, and then press **OK**.
   – If the print quality of the test page looks good, select **No**, and then press **OK**.

   You can clean the cartridge up to three times. Each successive cleaning is more thorough and uses more ink. Therefore, do not clean the cartridge more often than necessary.

If you complete all three levels of cleaning using this procedure and you still notice white streaks or missing colors on the test page, you may need to replace the cartridge.

Note If the cartridge or printer has been recently dropped, you may also see white streaks or missing colors in your prints. This problem is temporary and clears up within 24 hours.

Manually clean the print cartridge contacts

If you use the printer in a dusty environment, debris may accumulate on the copper-colored contacts and cause printing problems.

To clean the print cartridge contacts

1. Gather the following items to clean the contacts:
   – Distilled water (tap water may contain contaminants that can damage the print cartridge)
   – Cotton swabs or other soft, lint-free material that will not stick to the print cartridge
2. Open the print cartridge door.
3. Remove the print cartridge and place it on a piece of paper with the ink nozzle plate facing up. Be careful not to touch the copper-colored contacts or the ink nozzle plate with your fingers.

   Caution Do not leave the print cartridge outside the printer for more than 30 minutes. Ink nozzles exposed to the air longer than this may dry out and cause printing problems.

4. Lightly moisten a cotton swab with distilled water and squeeze any excess water from the swab.
5. Gently wipe the copper-colored contacts with the cotton swab.

   Caution Do not touch the ink nozzle plate. Touching the ink nozzle plate will result in clogs, ink failure, and bad electrical connections.

6. Repeat steps 4 and 5 until no ink residue or dust appears on a clean swab.
7. Insert the print cartridge in the printer, and then close the print cartridge door.

Print a test page

Print a test page before contacting HP support. The test page contains diagnostic information you can use when working with HP support to solve printing problems. Look at the ink nozzle pattern on the test page to check the ink level and condition of the print

cartridge. If any line or color is missing from the pattern, try cleaning the print cartridge. For more information, see Automatically clean the print cartridge.

To print a test page

1. Load paper so the printer can print a test page. Use plain paper or index cards to conserve photo paper.
2. Press **Menu**.
3. Select **Tools**, and then press **OK**.
4. Select **Test & Sample Pages**, and then press **OK**.
5. Select **Print test page**.
6. Press **OK** to begin printing the test page.

The test page contains the following information:

Align the print cartridge

The first time you install a print cartridge in the printer, the printer aligns it automatically. However, if colors in the printouts are misaligned, or if the alignment page does not print correctly when you install a new print cartridge, use the following procedure to align the print cartridge.

To align the print cartridge

1. Load HP Advanced Photo Paper in the input tray.
2. Press **Menu**.
3. Select **Tools**, and then press **OK**.
4. Select **Cartridge**, and then press **OK**.
5. Select **Align cartridge**, and then press **OK**.

6. Following the directions on the printer screen, load HP Advanced Photo Paper so the printer can print an alignment page. Use plain paper or index cards to conserve photo paper.
7. Press **OK** to begin aligning the print cartridge.
   When the printer finishes aligning the cartridge, it prints an alignment page to confirm that the alignment was successful.

   – The check marks verify that the print cartridge is installed correctly and functioning properly.
   – If an “x” appears to the left of any of the bars, align the print cartridge again. If the “x” still appears, replace the print cartridge.

Store the printer and print cartridge

Protect the printer and print cartridges by storing them properly when you are not using them.

Store the printer

The printer is built to withstand long or short periods of inactivity.

- Close the input and output trays and push the printer screen down into the flat position when the printer is not in use.
- Store the printer indoors out of direct sunlight in a place without temperature extremes.
- If the printer and print cartridge have not been used for one month or more, clean the print cartridge before printing. For more information, see Automatically clean the print cartridge.
- If you are storing the printer for a long period of time and the optional HP Photosmart Internal Battery is installed, remove the battery from the printer.

Store the print cartridge

When you store or transport the printer, always leave the active print cartridge inside the printer. The printer stores the print cartridge in a protective cap during the power-down cycle.

Caution Make sure the printer completes its power-down cycle before you unplug the power cord or remove the internal battery. This allows the printer to store the print cartridge properly.

Follow these tips to help maintain HP print cartridges and ensure consistent print quality:

- Keep all unused print cartridges in their original sealed packages until they are needed. Store print cartridges at room temperature (15–35° C or 59–95° F).
- Do not remove the plastic tape covering the ink nozzles until you are ready to install the print cartridge in the printer. If the plastic tape has been removed from the print cartridge, do not attempt to reattach it. Reattaching the tape damages the print cartridge.

Maintain the quality of photo paper

For best results with photo paper, follow the guidelines in this section.

To store photo paper

- Store the photo paper in its original packaging or in a resealable plastic bag.
- Store the packaged photo paper on a flat, cool, and dry surface.
- Return unused photo paper to the plastic bag. Paper left in the printer or exposed to the elements may curl.

To handle photo paper

- Always hold photo paper by the edges to avoid fingerprints.
- If the photo paper has curled edges, place it in its plastic storage bag and gently bend it in the opposite direction of the curl until the paper lies flat.

Transport the printer

It is easy to transport and set up the printer almost anywhere. Take it with you on vacations and to family gatherings and social events to instantly print and share photos with family and friends.

To make it even easier to print on the go, you can purchase these accessories:

- **Internal battery**: Power the printer with a rechargeable HP Photosmart Internal Battery so you can print anywhere.
- **Carrying case**: The lightweight, durable HP Photosmart Carrying Case holds and protects everything needed for hassle-free printing on the go.

To transport the printer

1. Turn off the printer.
2. Remove the memory card from the memory card slot.

Note Do not remove the print cartridge when transporting the printer.

3. Remove all paper from the input and output trays, then close the input and output trays.
4. Push the printer screen down into the flat position.

Note Make sure the printer completes its power-down cycle before you unplug the power cord. This allows the printer to store the print cartridge properly.

5. Unplug the power cord.
6. If the printer is connected to a computer, disconnect the USB cable from the computer.
7. Always carry the printer upright.

Tip The printer has a convenient built-in handle to make it easy to carry. Be sure to push the printer screen down flat before raising the handle. Do not shake or swing the printer while carrying it by the handle.

Make sure to bring the following items with you:

- HP Photo Paper
- Power cord (or optional battery)
- Digital camera or a memory card containing photos
- Extra print cartridges (if you plan to print a lot of photos)
- Optional printer accessories you plan to use, such as the battery or HP Bluetooth wireless printer adapter
- The USB cable and HP Photosmart printer software CD, if you are going to connect the printer to a computer
- Printer User Guide (the book you are reading)

Note If you do not take the printer user guide with you, be sure to write down the correct print cartridge number to purchase extra cartridges, or purchase enough print cartridges before you go.

8 Troubleshooting

The HP Photosmart printer is designed to be reliable and easy to use. This chapter answers frequently asked questions about using the printer and printing without a computer. It contains information about the following topics:

- Printer hardware problems
- Printing problems
- Bluetooth printing problems
- Error messages

For troubleshooting information about using the printer software and printing from a computer, see the electronic Help. For information about viewing the electronic Help, see Find more information.

Printer hardware problems

Before contacting HP support, read this section for troubleshooting tips or go to the online support services at www.hp.com/support.

Note If you want to connect the printer to a computer with a USB cable, HP recommends using a 2.0 high-speed compliant cable 3 meters (10 feet) or less in length.

The On light is flashing green but the printer is not printing.

Solution

- If the printer is turned on, it is initializing. Wait for it to finish.
- If the printer is turned off, and the optional HP Photosmart Internal Battery is installed, the battery is charging.

The Attention light is flashing red.

Cause The printer requires attention. Try the following solutions.

Solution

- Check the printer screen for instructions. If you have a digital camera connected to the printer, check the camera screen for instructions. If the printer is connected to a computer, check the computer monitor for instructions.
- Turn off the printer.
  If the optional HP Photosmart Internal Battery is **not** installed in the printer, unplug the printer power cord. Wait about 10 seconds, and then plug the power cord back in. Turn on the printer.
  If the optional HP Photosmart Internal Battery is installed in the printer, unplug the printer power cord if it is plugged in. Open the battery compartment cover and remove the battery. Be careful not to touch the contacts inside the printer or on the battery. Wait about 10 seconds, and then reinstall the battery. Plug in the power cord (optional). Turn on the printer.
- If the Attention light continues to flash red, go to www.hp.com/support or contact HP support.

The buttons on the control panel do not respond.

Cause A printer error has occurred. Wait for about a minute to see if the printer resets. If it does not, try the following solutions.

Solution

- Turn off the printer.
  If the optional HP Photosmart Internal Battery is **not** installed in the printer, unplug the printer power cord. Wait about 10 seconds, and then plug the power cord back in. Turn on the printer.
  If the optional HP Photosmart Internal Battery is installed in the printer, unplug the printer power cord if it is plugged in. Open the battery compartment cover and remove the battery. Be careful not to touch the contacts inside the printer or on the battery. Wait about 10 seconds, and then reinstall the battery. Plug in the power cord (optional). Turn on the printer.
- If the printer does not reset and the control panel buttons still do not respond, go to www.hp.com/support or contact HP support.

The printer does not find and display the photos on my memory card.

Solution

The memory card may contain file types the printer cannot read directly from the memory card.

- Save the photos to a computer, and then print them from the computer. For more information, see the camera documentation or the electronic Help.
- The next time you take photos, set the digital camera to save them in a file format the printer can read directly from the memory card. For a list of supported file formats, see Printer specifications. For instructions on setting the digital camera to save photos in specific file formats, see the documentation that came with the camera.

The printer is plugged in, but it will not turn on.

Solution

- The printer may have drawn too much power.
  If the optional HP Photosmart Internal Battery is **not** installed in the printer, unplug the printer power cord. Wait about 10 seconds, and then plug the power cord back in. Turn on the printer.
  If the optional HP Photosmart Internal Battery is installed in the printer, unplug the printer power cord if it is plugged in. Open the battery compartment cover and remove the battery. Be careful not to touch the contacts inside the printer or on the battery. Wait about 10 seconds, and then reinstall the battery. Plug in the power cord (optional). Turn on the printer.
- Make sure the printer is plugged into a working electrical outlet.

The optional HP Photosmart Internal Battery is installed in the printer, but the printer will not turn on using battery power.

Cause The battery may need to be charged.

Solution

- Plug in the printer power cord to charge the battery. The On light flashes green to indicate that the battery is charging.
- If the battery is charged, try removing and reinstalling the battery.

The optional HP Photosmart Internal Battery is installed in the printer, but it will not charge.

Solution

- Turn off and unplug the printer. Open the battery compartment cover. Remove the battery and reinstall it. Be careful not to touch the contacts on the inside of the battery compartment or on the battery. For more information on how to install the battery, see the documentation that came with the battery.
- Check that the printer power cord is securely connected to both the printer and the power source. When the printer is turned off, the On light flashes green to indicate that the battery is charging.
- Turn on the printer. The battery charging icon, a lightning bolt, flashes above the battery icon on the printer screen to indicate that the battery is charging.
- An empty battery should fully charge in approximately four hours when the printer is not in use. If the battery still does not charge, replace it.

The printer makes noises when I turn it on, or starts making noises after sitting unused for a while.

Solution The printer may make noises after long periods of inactivity (approximately 2 weeks) or when its power supply has been interrupted and then restored. This is normal operation. The printer is performing an automatic maintenance procedure to ensure it produces the best quality output.

Printing problems

Before contacting HP support, read this section for troubleshooting tips or go to the online support services at www.hp.com/support.

The printer does not print borderless photos when I print from the control panel.

Cause The borderless printing option may be turned off.

Solution To turn on borderless printing, follow these steps:

1. Press **Menu**.
2. Select **Preferences**, and then press **OK**.
3. Select **Borderless**, and then press **OK**.
4. Select **On**, and then press **OK**.

Paper does not feed into the printer correctly.

Solution

- Make sure that the paper-width guide fits close to the edge of the paper without bending the paper.
- There may be too much paper loaded in the input tray. Remove some paper and try printing again.
- If sheets of photo paper stick together, try loading one sheet at a time.
- If you are using the printer in an extremely high or low humidity environment, insert the paper as far as it will go into the input tray, and load one sheet of photo paper at a time.
- If you are using photo paper that is curled, place the paper in a plastic bag and gently bend it in the opposite direction of the curl until the paper lies flat. If the problem persists, use paper that is not curled. For information about proper storage and handling of photo paper, see Maintain the quality of photo paper.
- The paper may be too thin or too thick. Try using HP-designed photo paper. For more information, see Choose the right paper.

The photo printed at an angle or is off-center.

Solution

- The paper may not be loaded correctly. Reload the paper, making sure that the paper is correctly oriented in the input tray and that the paper-width guide fits close to the edge of the paper. For paper-loading instructions, see Choose and load paper.
- The print cartridge may need to be aligned. For more information, see Align the print cartridge.

No page came out of the printer.

Solution

- The printer may need attention. Read the printer screen for instructions.
- The power may be off or there may be a loose connection. Make sure that the power is on and the power cord is securely connected. If you are using battery power, make sure the battery is correctly installed.
- You may not have any paper in the input tray. Check that paper is loaded correctly in the input tray. For paper-loading instructions, see Choose and load paper.
- The paper may have jammed while printing. See the following section for instructions on clearing a paper jam.

The paper jammed while printing.

Solution Check the printer screen for instructions. To clear a paper jam, try the following solutions.

- If the paper came part way through the front of the printer, gently pull the paper towards you to remove it.
- If the paper did not come part way through the front of the printer, try removing it from the back of the printer:
  - Remove the paper from the input tray, and then pull down on the input tray to open it fully to a horizontal position.
  - Gently pull the jammed paper to remove it from the back of the printer.
  - Lift the input tray up until it snaps back into paper-loading position.
- If you cannot grasp the edge of the jammed paper to remove it, try the following:
  - Turn off the printer.
  - If the optional HP Photosmart Internal Battery is **not** installed in the printer, unplug the printer power cord. Wait about 10 seconds, and then plug the power cord back in.
  - If the optional HP Photosmart Internal Battery is installed in the printer, unplug the printer power cord, if it is plugged in. Open the battery compartment cover and remove the battery. Be careful not to touch the contacts inside the printer or on the battery. Wait about 10 seconds, and then reinstall the battery. Plug in the power cord (optional).
  - Turn on the printer. The printer checks for paper in the paper path and will automatically eject the jammed paper.
- Press **OK** to continue.

Tip If you experience paper jams while printing, try loading one sheet of photo paper at a time. Insert the paper as far as it will go into the input tray.

A blank page came out of the printer.

Solution

- Check the ink level from the printer menu. Press **Menu**, select **Tools**, select **Cartridge**, and then select **Cartridge status**. If the print cartridge is out of ink, replace it. See Replace the print cartridge. Print a test page to check the print cartridge. See Print a test page.
- You may have begun printing and then cancelled the process. If you cancelled the process before the photo started printing, the printer may have already loaded paper in preparation for printing. The next time you print, the printer will eject the blank page before starting the new printing project.

The photo did not print using the printer's default print settings.

Solution You may have changed the print settings for the selected photo. Print settings you apply to an individual photo override the printer's default print settings. Discard all print settings that have been applied to an individual photo by deselecting the photo. For more information, see Select multiple photos.

The printer ejected the paper when preparing to print.

Cause The printer might be in direct sunlight, which affects the operation of the automatic paper sensor.

Solution Move the printer out of direct sunlight.

Print quality is poor.

Solution

- Make sure you have selected the correct paper type. See To change the paper type.
- Make sure the print quality setting is set to Best quality. See Set print quality.
- Turn the Photo Fix feature on or off. See Improve the quality of your photos.
- The print cartridge may be running out of ink. Check the ink level from the printer menu. Press **Menu**, select **Tools**, select **Cartridge**, and then select **Cartridge status**. Replace the cartridge if necessary. For more information, see Replace the print cartridge.
- If you used the button on the printer control panel to magnify the photo, you may have magnified it too much. Press .
- You may have selected a low-resolution setting on the digital camera when you took the photo. For better results in the future, set the digital camera to a higher resolution.
- Make sure you are using the right type of photo paper for the project. Use HP Advanced Photo paper for best results when printing 10 x 15 cm (4 x 6 inch) and 13 x 18 (5 x 7 inch) photos. For more information, see Choose the right paper.
- You may be printing on the wrong side of the paper. Make sure the paper is loaded with the side to be printed facing forward.

- The print cartridge may need to be cleaned. For more information, see Automatically clean the print cartridge.
- The print cartridge may need to be aligned. For more information, see Align the print cartridge.
- Do not let photos stack in the output tray. The printed surface of your photos needs to be left exposed to the air for up to 5-10 minutes after printing. Do not place photos in an album until they have fully developed.

The photos I selected for printing in the digital camera do not print.

Solution Some digital cameras let you mark photos for printing both in the camera's internal memory and on the memory card. If you mark photos in the internal memory, and then move photos from the camera's internal memory to the memory card, the marks do not transfer. Mark photos for printing after you transfer them from the digital camera's internal memory to the memory card.

Photos will not print from an iPod.

Cause You may have saved your photos to the iPod in low resolution.

Solution Photos must be stored in high resolution for the printer to recognize them. Check your iPod documentation for information on changing the resolution setting.

When I print photos I see unexpected results.

Cause Photo Fix is on and the HP Real Life Technologies are adjusting for red-eye, brightening, focus, and contrast.

Solution Turn off Photo Fix. See Perfect photos automatically using Photo Fix.

Bluetooth printing problems

Before contacting HP support, read this section for troubleshooting tips, or go to the online support services at www.hp.com/support. Be sure to also read the documentation that came with your HP Bluetooth wireless printer adapter (if you are using one) and your device with Bluetooth wireless technology.

My Bluetooth device cannot find the printer.

Solution

- Make sure the HP Bluetooth wireless printer adapter is plugged into the camera port on the front of the printer. The light on the adapter flashes when the adapter is ready to receive data.
- Bluetooth **Visibility** may be set to **Not visible**. Change this setting to **Visible to all** as follows:
  - Press **Menu** to display the printer menu.
  - Select **Tools**, and then press **OK**.
  - Select **Bluetooth**, and then press **OK**.
  - Select **Visibility**, and then press **OK**.
  - Select **Visible to all**, and then press **OK**.
- Bluetooth **Security level** may be set to **High**. Change this setting to **Low** as follows:
  - Press **Menu** to display the printer menu.
  - Select **Tools**, and then press **OK**.
  - Select **Bluetooth**, and then press **OK**.
  - Select **Security level**, and then press **OK**.
  - Select **Low**, and then press **OK**.
- The passkey (PIN) that the device with Bluetooth wireless technology is using for the printer may be incorrect. Make sure the correct passkey for the printer is entered in the device with Bluetooth wireless technology.
- You may be too far from the printer. Move the device with Bluetooth wireless technology closer to the printer. The maximum recommended distance between the device with Bluetooth wireless technology and the printer is 10 meters (30 feet).

No page came out of the printer.

Solution The printer may not recognize the type of file sent by the device with Bluetooth wireless technology. For a list of the file formats that the printer supports, see Specifications.

Print quality is poor.

Solution The photo you printed may be low resolution. For better results, set the digital camera to a higher resolution. Photos taken with VGA-resolution cameras, such as those found in wireless phones, may not have high enough resolution to produce a high-quality print.

The photo printed with borders.

Solution The printing application installed on your device with Bluetooth wireless technology may not support borderless printing. Contact the vendor of the device, or go to their support Web site to obtain the latest updates for the printing application.

My computer cannot set the device name using the Bluetooth wireless connection.

Solution Use a USB cable to connect your computer to the printer in order to set the printer Bluetooth device name using the printer Toolbox. The printer software must already be installed on the computer. See Install the software and the electronic Help.

Error messages

Before contacting HP support, read this section for troubleshooting tips or go to the online support services at www.hp.com/support.

The following error messages may appear on the printer screen. Follow the instructions to resolve the problem.

Error message: Paper jam. Clear jam then press OK.

Solution Try the following steps to clear the paper jam:

- If the paper came part way through the front of the printer, gently pull the paper towards you to remove it.
- If the paper did not come part way through the front of the printer, try removing it from the back of the printer:
  - Remove the paper from the input tray, and then pull down on the input tray to open it fully to a horizontal position.
  - Gently pull the jammed paper to remove it from the back of the printer.
  - Lift the input tray up until it snaps back into paper-loading position.
- If you cannot grasp the edge of the jammed paper to remove it, try the following:
  - Turn off the printer.
  - If the optional HP Photosmart Internal Battery is **not** installed in the printer, unplug the printer power cord. Wait about 10 seconds, and then plug the power cord back in.
  - If the optional HP Photosmart Internal Battery is installed in the printer, unplug the printer power cord, if it is plugged in. Open the battery compartment cover and remove the battery. Wait about 10 seconds, and then reinstall the battery. Plug in the power cord (optional).
  - Turn on the printer. The printer checks for paper in the paper path and will automatically eject the jammed paper.
- Press **OK** to continue.

Error message: Automatic paper sensor failed.

Solution The automatic paper sensor is obstructed or damaged. Try moving the printer out of direct sunlight, and then press **OK** and try printing again. If this does not work, go to www.hp.com/support or contact HP support.

Error message: Cartridge is not compatible. Use appropriate HP cartridge.

Solution Replace the print cartridge with one that is compatible with the printer. For more information, see Replace the print cartridge.

Warning Do not touch the copper-colored contacts inside the print cartridge compartment or on the print cartridge.

Error message: Print cartridge cradle is stuck. Clear jam then press OK.

Solution Follow these steps to clear any obstruction in the path of the print cartridge cradle:

1. Remove any jammed paper from the input or output trays.
2. Turn the printer off and then on again.

Error message: Cartridge service station is stuck.

Solution The print cartridge service station is the component located beneath the print cartridge cradle that wipes and caps the print cartridge for storage. Follow these steps to clear the obstruction blocking the print cartridge service station:

1. Remove any jammed paper from the input and output trays.
2. Turn the printer off and then on again.

Error message: Photo is corrupted

Cause While the printer was printing from a memory card, either another memory card was inserted or a USB device was connected to the front camera port.

Solution Insert only one memory card at a time. Do not insert a USB device while the printer is printing from a memory card. Your photo is not corrupted.

Cause The indicated photo is corrupted on the inserted memory card.

Solution Select and print a different photo, or insert a different memory card.

Error message: Card access error. See user manual.

Cause A card access error may indicate that an xD-Picture Card memory card is in a write-protected condition. xD-Picture Card memory cards have a special protection feature to ensure that your pictures are kept safe.

Note During this condition, you can still use the printer for printing and saving photos from the xD-Picture Card to a secure location, such as the computer hard drive.

Solution

- Reinsert the xD-Picture Card memory card into your camera and turn on the camera. In most cases, the camera automatically makes the necessary changes.
- Reformat the xD-Picture Card memory card. See the documentation that came with your camera for instructions on reformatting the memory card. Note that this process erases the pictures currently saved to your memory card. To save these pictures, transfer them to the computer before reformatting the memory card. Once you reformat the memory card, transfer those photos back to the memory card using the computer.
- Turn off the printer, insert the xD-Picture Card memory card into the printer, and then turn on the printer again.

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9 Specifications

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

System requirements

Component	Windows minimum	Mac minimum
Operating system	Microsoft® Windows 98 SE, Me, 2000 Professional, XP Home, XP Professional, XP Starter Edition, and XP Professional x64	Mac® OS X 10.3.x and 10.4.x
Processor	Intel® Pentium® II (or equivalent) or higher (Pentium III is required for using HP Photosmart Premier)	G3 or greater
RAM	64 MB (256 MB recommended)	128 MB
Free disk space	500 MB	150 MB
Video display	800 x 600, 16-bit or higher	800 x 600, 16-bit or higher
CD-ROM drive	4x	4x
Connectivity	**USB 2.0 high-speed**: Microsoft® Windows 98 SE, Me, 2000 Professional, XP Home, XP Professional, XP Starter Edition, and XP Professional x64 **PictBridge**: using front camera port **Bluetooth**: using optional HP Bluetooth wireless printer adapter	**USB 2.0 high-speed**: Mac® OS X 10.3.x and 10.4.x **PictBridge**: using front camera port
Browser	Microsoft Internet Explorer 5.5 or later	—

Printer specifications

Category	Specifications
Connectivity	**USB 2.0 high-speed**: Microsoft® Windows 98 SE, Me, 2000 Professional, XP Home, XP Professional, XP Starter Edition, and XP Professional x64; Mac® OS X 10.3.x and 10.4.x **PictBridge**:Microsoft® Windows 98 SE, Me, 2000 Professional, XP Home, XP Professional, XP Starter Edition, and XP Professional x64; Mac® OS X 10.3.x and 10.4.x **Bluetooth**: Microsoft® Windows 98 SE, Me, 2000 Professional, XP Home, XP Professional, XP Starter Edition, and XP Professional x64; Mac® OS X 10.3.x and 10.4.x
Display	6.4 cm (2.5 in) liquid-crystal color display
Environmental specifications	**Maximum during operation**: 5–40° C (41–104° F) @ 5–90% RH **Recommended during operation**: 15–30° C (59–86° F) @ 20–80% RH
Image file formats	JPEG Baseline TIFF 24-bit RGB uncompressed interleaved TIFF 24-bit YCbCr uncompressed interleaved TIFF 24-bit RGB packbits interleaved TIFF 8-bit gray uncompressed/packbits TIFF 8-bit palette color uncompressed/packbits TIFF 1-bit uncompressed/packbits/1D Huffman
Internal storage	1 GB of flash memory
Margins	Borderless printing: Top/Bottom/Left/Right 0.0 mm (0.0 inches) Bordered printing: Top/Bottom/Left/Right 3 mm (0.12 inches)
Media sizes	Photo paper 13 x 18 cm (5 x 7 inches) Photo paper 10 x 15 cm (4 x 6 inches) Photo paper with tab 10 x 15 cm with 1.25 cm tab (4 x 6 inches with 0.5 inch tab) HP Premium Photo Cards 10 x 20 cm (4 x 8 inches) Photo sticker paper 10 x 15 cm (4 x 6 inches), 16 rectangular or oval stickers per page Panorama photo paper 10 x 30 cm (4 x 12 inches)

(continued)

Category	Specifications
	Index cards 10 x 15 cm (4 x 6 inches) and 9 x 13 cm (3.5 x 5 inches) Hagaki cards 100 x 148 mm (3.9 x 5.8 inches) A6 cards 105 x 148 mm (4.1 x 5.8 inches) L-size cards 90 x 127 mm (3.5 x 5 inches) L-size cards with tab 90 x 127 mm with 12.5 mm tab (3.5 x 5 inches with 0.5 inch tab) 2L-size cards 127 x 178 mm (5 x 7 inches)
Media types	HP Advanced Photo Paper (recommended) Cards: index, Hagaki, A6, L-size, 2L-size Photo sticker paper HP CD/DVD Label media HP Self-Adhesive Photo paper Other photo papers (results may vary)
Memory cards	CompactFlash Type I and II Memory Sticks Microdrive MultiMediaCard Secure Digital xD-Picture Card
Memory card-supported file formats	Printing: All supported image and video file formats Saving: All file formats
Paper tray	Supports paper sizes up to 13 x 18 cm (5 x 7 inches)
Paper tray capacity	20 sheets, maximum thickness 305 µm (12 mil) per sheet
Power adapter	HP Part # 0957–2121 (North America), 100–240 V AC (±10%) 50/60 Hz (±3 Hz) HP Part # 0957–2120 (Rest of world), 100–240 V AC (±10%) 50/60 Hz (±3 Hz)
Power consumption	**U.S.** Printing: 18.59 W Idle: 13.03 W Off: 10.12 W **International** Printing: 17.71 W Idle: 12.63 W Off: 10.24 W

(continued)

Category	Specifications
Print cartridge	**HP 110 Tri-color Inkjet print cartridge** **Note** The print cartridge number is also on the back cover of this user guide for quick reference.
USB 2.0 high-speed support	Microsoft® Windows 98 SE, Me, 2000 Professional, XP Home, XP Professional, XP Starter Edition, and XP Professional x64 Mac® OS X 10.3.x and 10.4.x HP recommends that the USB cable be less than 3 meters (10 feet) in length
Video file formats	Motion JPEG AVI Motion-JPEG QuickTime MPEG-1

10 HP support

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

Support process

If you have a problem, follow these steps:

1. Check the documentation that came with the HP Photosmart printer.
2. Visit the HP online support Web site at www.hp.com/support. HP online support is available to all HP customers. It is the fastest source for up-to-date device information and expert assistance and includes the following features:
   - Fast access to qualified online support specialists
   - Software and driver updates for the HP Photosmart printer
   - Valuable HP Photosmart printer and troubleshooting information for common problems
   - Proactive device updates, support alerts, and HP newsgrams that are available when you register the HP Photosmart printer
3. For Europe only: Contact your local point of purchase. If the HP Photosmart printer has a hardware failure, you will be asked to bring it back to your local point of purchase. (Service is provided at no charge during the device limited warranty period. After the warranty period, you will be quoted a service charge.)
4. Call HP support. Support options and availability vary by device, country/region, and language.

HP support by phone

For a list of support phone numbers, see the phone number list on the inside of the front cover.

Phone support period

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

Placing a call

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

- Device model number (located on the label on the front of the device)
- Device serial number (located on the back or bottom of the device)

- Messages that appear when the situation occurs
- Answers to these questions:
  - Has this situation happened before?
  - Can you re-create it?
  - Did you add any new hardware or software to your computer at about the time that this situation began?
  - Did anything else occur prior to this situation (such as a thunderstorm, device was moved, etc.)?

After the phone support period

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

Additional warranty options

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

HP Warranty

HP product	Duration of limited warranty
Software Media	90 days
Printer	1 year
Print or Ink cartridges	Until the HP ink is depleted or the “end of warranty” date printed on the cartridge has been reached, whichever occurs first. This warranty does not cover HP ink products that have been refilled, remanufactured, refurbished, misused, or tampered with.
Accessories	1 year unless otherwise stated

A. Extent of limited warranty
   1. Hewlett-Packard (HP) warrants to the end-user customer that the HP products specified above will be free from defects in materials and workmanship for the duration specified above, which duration begins on the date of purchase by the customer.
   2. For software products, HP’s limited warranty applies only to a failure to execute programming instructions. HP does not warrant that the operation of any product will be interrupted or error free.
   3. HP's limited warranty covers only those defects that arise as a result of normal use of the product, and does not cover any other problems, including those that arise as a result of:
      a. Improper maintenance or modification;
      b. Software, media, parts, or supplies not provided or supported by HP;
      c. Operation outside the product's specifications;
      d. Unauthorized modification or misuse.
   4. For HP printer products, the use of a non-HP cartridge or a refilled cartridge does not affect either the warranty to the customer or any HP support contract with the customer. However, if printer failure or damage is attributable to the use of a non-HP or refilled cartridge or an expired ink cartridge, HP will charge its standard time and materials charges to service the printer for the particular failure or damage.
   5. If HP receives, during the applicable warranty period, notice of a defect in any product which is covered by HP's warranty, HP shall either repair or replace the product, at HP's option.
   6. If HP is unable to repair or replace, as applicable, a defective product which is covered by HP's warranty, HP shall, within a reasonable time after being notified of the defect, refund the purchase price for the product.
   7. HP shall have no obligation to repair, replace, or refund until the customer returns the defective product to HP.
   8. Any replacement product may be either new or like-new, provided that it has functionality at least equal to that of the product being replaced.
   9. HP products may contain remanufactured parts, components, or materials equivalent to new in performance.
   10. HP's Limited Warranty Statement is valid in any country where the covered HP product is distributed by HP. Contracts for additional warranty services, such as on-site service, may be available from any authorized HP service facility in countries where the product is distributed by HP or by an authorized importer.

B. Limitations of warranty
   TO THE EXTENT ALLOWED BY LOCAL LAW, NEITHER HP NOR ITS THIRD PARTY SUPPLIERS MAKES ANY OTHER WARRANTY OR CONDITION OF ANY KIND, WHETHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE.

C. Limitations of liability
   1. To the extent allowed by local law, the remedies provided in this Warranty Statement are the customer's sole and exclusive remedies.
   2. TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT FOR THE OBLIGATIONS SPECIFICALLY SET FORTH IN THIS WARRANTY STATEMENT, IN NO EVENT SHALL HP OR ITS THIRD PARTY SUPPLIERS BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER BASED ON CONTRACT, TORT, OR ANY OTHER LEGAL THEORY AND WHETHER ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

D. Local law
   1. This Warranty Statement gives the customer specific legal rights. The customer may also have other rights which vary from state to state in the United States, from province to province in Canada, and from country to country elsewhere in the world.
   2. To the extent that this Warranty Statement is inconsistent with local law, this Warranty Statement shall be deemed modified to be consistent with such local law. Under such local law, certain disclaimers and limitations of this Warranty Statement may not apply to the customer. For example, some states in the United States, as well as some governments outside the United States (including provinces in Canada), may:
      a. Preclude the disclaimers and limitations in this Warranty Statement from limiting the statutory rights of a consumer (e.g., the United Kingdom);
      b. Otherwise restrict the ability of a manufacturer to enforce such disclaimers or limitations; or
      c. Grant the customer additional warranty rights, specify the duration of implied warranties which the manufacturer cannot disclaim, or allow limitations on the duration of implied warranties.
   3. THE TERMS IN THIS WARRANTY STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT, OR MODIFY, AND ARE IN ADDITION TO, THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THE HP PRODUCTS TO SUCH CUSTOMERS.

HP Limited Warranty

Dear Customer,

You will find below the name and address of the HP entity responsible for the performance of the HP Limited Warranty in your country.

You may have additional statutory rights against the seller based on your purchase agreement. Those rights are not in any way affected by this HP Limited Warranty.

Ireland: Hewlett-Packard Ireland Ltd. 30 Herbert Street IRL-Dublin 2
United Kingdom: Hewlett-Packard Ltd, Cain Road, Bracknell, GB-Berks RG12 1HN

A Install the software

The printer comes with optional software you can install on a computer.
After using the setup instructions that came in the box with the printer to set up the printer hardware, use the instructions in this section to install the software.

Windows users	Mac users
Important: Do not connect the USB cable until you are prompted. 1. Insert the HP Photosmart CD into your computer's CD-ROM drive. If the Install Wizard does not appear, locate the **Setup.exe** file on the CD-ROM drive and double-click it. It takes less than a minute for the files to load. 2. Click **Next** and follow the onscreen instructions. 3. When prompted, either accept the **Recommended** option or select the **Custom** option. If you select **Custom**, deselect the software programs you don't want to install. If you are not sure, you can highlight the name of each program listed to read a brief description of the program. 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. If you are prompted to restart your computer, go ahead and do so.	1. 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. 2. Insert the HP Photosmart CD into your computer's CD-ROM drive. 3. On your desktop, double-click the **HP Photosmart CD** icon. 4. Double-click the **HP Installer** icon, and follow the instructions on each installation screen to install the printer software. 5. When the Congratulations screen appears, click **OK**.

B Printer menus

The printer menus contain many features for viewing and printing photos, obtaining help, and more. You highlight images by moving the highlighted border with the 4-way arrow button; you select highlighted images by pressing the **OK** button. When you press the **Print** button, all selected images will print.

Edit photos

- **Get creative**
  - **Frames**: Select to add a decorative frame around the current photo.
  - **Clipart**: Select to add clipart images to the current photo.
  - **Greetings**: Select to add a greeting to the current photo.
  - **Add color effect**: Choose from the following color effects: **Black & white**, **Sepia**, **Antique**, or **No effect** (default).
- **Improve image**
  - **Auto enhance**: Select an enhancement option to enhance the photo.
  - **Crop**: Select to crop the currently highlighted image. Press or to adjust the size of the cropped area. Press the 4-way arrow button on the control panel to move the cropped area. Press **OK**, and then press **OK** again to save a copy of the cropped photo on the internal printer storage.
  - **Photo brightness**: Press ◀ or ▶ to move the slider and adjust the photo brightness.
- **Specialty printing projects**
  - **Panoramic photos**: Select to turn panoramic printing **On** or **Off** (default). Select **On** to print all selected photos with a 3:1 aspect ratio; load 10 x 30 cm (4 x 12 inches) paper before printing. When a photo is selected, a green bounding box shows the area to be printed. Select **Off** to print with a normal 3:2 aspect ratio.
  - **Photo stickers**: Select to turn sticker printing **On** or **Off** (default). Select **On** to print 16 photos per page, and then load special sticker media. Select **Off** to print using one of the normal layout options.
  - **Passport photos**: Select to turn passport photo mode **On** or **Off** (default). A separate page is printed for each selected photo (in the passport photo size that is chosen), and each printed page contains the number of photos of the selected size that will fit on the page.
  - **CD/DVD tattoo**: Select to turn CD/DVD tattoo mode **On** or **Off** (default).
  - **Video action print**: Select before printing a video frame.

Slide show

- **Play selected photos**: Select to play a slide show of the currently selected photos.
- **Saved slide shows**
  - **Play saved slide show**: Select to play a previously saved slide show.
  - **Save selected as slide show**: Select to save the selected photos as a slide show.
  - **Delete saved slide show**: Select to delete a saved slide show.
- **Playback controls**
  - **Pause slide show**: Select to pause the currently playing slide show.
  - **Resume slide show**: Select to resume playing the current slide show.
  - **Exit slide show**: Select to exit the currently playing slide show.
- **Slide show preferences**: Select to set slide show preferences. You can choose **Loop**, **Duration between images**, **Transitions**, and **Random**.

Print options

- **Change layout**: Select this option to change the way that selected photos are laid out on a printout. You can choose **1-up**, **2-up**, **4-up**, or **index page**.
- **Print status**: Select to determine which page of your selected range of photos is currently printing.

Organize & save

You can categorically organize your photos by keyword, and save your photos to various devices.

Save

- **Save progress**: Select to see how many images have been transferred, how many remain to be transferred (x of y), and the approximate time remaining to transfer the rest. This option is available only when saving to the printer.
- **Cancel save**: Select to cancel your save. This option is available only when saving to the printer.
- **To printer**: Select to save photos from an inserted memory card or from a device connected to the camera port to the internal printer storage.
- **To memory card**: Select to save photos from a device connected to the camera port on the front of the printer or from the internal printer storage to an inserted memory card.
- **To external**: Select to save photos from an inserted memory card or the internal printer storage to a device connected to the camera port on the front of the printer.
- **To computer**: Select to save photos from an inserted memory card or the internal printer storage to a computer attached to the USB port on the back of the printer.

Keyword

You can assign keywords to each photo stored on the internal printer storage, and then later view and sort your photos by keyword. For example, you can mark a group of photos as “vacation” photos so that you can later identify your vacation snapshots. There are 10 different keywords available, plus “Other.” The Keyword icon appears at the bottom of the printer screen to indicate that the displayed photo has an assigned keyword.

- **Assign a keyword**
  - **Favorite**
  - **Vacations**
  - **Holidays**
  - **Birthdays**
  - **Family**
  - **Friends**
  - **Pets**
  - **Places**
  - **Events**
  - **School**
  - **Other**
- **View photos by keyword**
  - **All**: Select to view all photos.
  - **Last save**: Select to view photos that you last saved.
  - **Printed**: Select to view all photos that have previously been printed.
  - **Viewed**: Select to view photos that you have previously viewed most often.
  - **Favorite**: Select to view photos assigned the Favorite keyword.
  - **Vacations**: Select to view photos assigned the Vacations keyword.
  - **Holidays**: Select to view photos assigned the Holidays keyword.
  - **Birthdays**: Select to view photos assigned the Birthdays keyword.
  - **Family**: Select to view photos assigned the Family keyword.
  - **Friends**: Select to view photos assigned the Friends keyword.
  - **Pets**: Select to view photos assigned the Pets keyword.
  - **Places**: Select to view photos assigned the Places keyword.
  - **Events**: Select to view photos assigned the Events keyword.
  - **School**: Select to view photos assigned the School keyword.
  - **Other**: Select to view photos assigned Other as the keyword.
  - **All keywords**: Select to view all photos assigned keywords.
  - **Unassigned**: Select to view photos that haven't been assigned a keyword.
  - **Videos**: Select to view videos.
- **Remove assigned keyword**

  Select to remove assigned keywords from the selected photo or from all the photos in the selected album.

Date correction

Select **Date correction** to change the date of the date/time stamp on the selected photos or currently highlighted photo.

Tools

- **Storage**
  - **Available space**: Select to view the remaining space on the internal printer storage.
  - **Delete images**: Select to delete the currently highlighted photo or all selected photos.
  - **Reformat internal drive**: Select to reformat the internal printer storage. All photos will be permanently erased.
- **Bluetooth**
  - **Device address**: 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 printer address.
  - **Device name**: You can select a name for the printer that appears on other devices with Bluetooth wireless technology when they locate the printer.
  - **Passkey**: When the Bluetooth **Security level** of the printer is set to **High**, you must enter a passkey to make the printer available to other Bluetooth devices. The default passkey is 0000.
  - **Visibility**: Select **Visible to all** (default) or **Not visible**. When **Visibility** is set to **Not visible**, only devices that know the printer address can print to it.
  - **Security level**: Select **Low** (default) or **High**. The **Low** setting does not require users of other devices with Bluetooth wireless technology to enter the printer passkey. **High** requires users of other devices with Bluetooth wireless technology to enter the printer passkey.
  - **Reset Bluetooth options**: Select to reset all items in the Bluetooth menu to their default values.
- **Photosmart Share** (Instant Share): Select to share photos on an inserted memory card with family and friends. The printer must be connected to a computer and the printer software must be installed on the computer.
- **Test & Sample Pages**
  - **Print test page**: Select to print a test page containing information about the printer that can help in troubleshooting problems.
  - **Print sample page**: Select to print a sample page useful for checking the print quality of the printer.
  - **Print panoramic sample page**: Select to print a sample page useful for checking panoramic printing.
- **Cartridge**
  - **Cartridge status**: Select to check the amount of ink remaining in the print cartridge.
  - **Align cartridge**: Select to align the print cartridge, which ensures high print quality prints. Do this if colors in the printouts are misaligned, or if the alignment page does not print correctly when you install a new print cartridge.
  - **Clean cartridge**: Select to clean the print cartridge. After cleaning, you will be asked if you want to continue to second-level cleaning (choose **Yes** or **No**), and if you choose **Yes** another cleaning cycle is completed. Next you will be asked if you want to continue to third-level cleaning (choose **Yes** or **No**).

Help

Select **Help** to read information and tips about how to get help with connecting to a TV, using the printer's remote control, using Bluetooth, inserting memory cards, installing the print cartridge, loading paper, fixing paper jams, and connecting cameras.

Preferences

- **Slide show**: Select to set the slide show options. Select **Loop**, **Duration between images**, **Transitions**, or **Random**.
- **Television**: Select to set the TV options. Select an **Aspect ratio** and **NTSC/PAL**. Select to display on a **TV** or **Printer**.

- **Print quality**: Select to change the print quality. Choose between **Best** or **Normal** print quality.
- **Paper type**: Select to change the type of paper on which to print. Choose between **HP Advanced** or **HP Premium**, or **Other**. HP recommends using HP Advanced Photo Paper for best results. If you are printing on non-HP paper or other media, choose **Other** so that the printer sets itself appropriately.
- **Date/time**: Select to show a date/time stamp on your printed photos. Select **Date/time**, **Date only**, or **Off** (default).
- **Colorspace**: Select to choose a colorspace (a three-dimensional mathematical model for organizing color). The colorspace you select affects the colors in your printed photos. Select **Adobe RGB**, **sRGB**, or **Auto-select** (default). 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.
- **Borderless**: Select to turn borderless printing **On** (default) or **Off**. When borderless printing is turned off, all pages print with a narrow white border around the outside edges of the paper.
- **After printing**: Select to change whether selected photos are deselected after printing: **Always** (default), **Never**, or **Ask each time**.
- **Restore defaults**: Select to restore printer defaults: **Yes** or **No** (default). Selecting **Yes** restores the original factory preferences.
- **Language**: Select to change the language used on the printer screen.

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Printer screen icons

Icons on the printer screen provide information about the printer, such as the ink level of the print cartridge and the index number of the current photo.

	Battery indicator: Displays the charge level of the optional HP Photosmart Internal Battery, if installed. A solidly-filled battery icon indicates a fully-charged battery. As the battery is used, the battery icon indicates the approximate amount of charge by the amount of solid fill. A lightning bolt icon shown on top of the battery icon indicates that a power supply is connected and the battery is charging. An outlet icon is displayed when the battery is fully charged, indicating that you can unplug the power cord and run the printer from the battery if desired. For more information about the battery, refer to the instructions that come with the battery.
	Ink level indicator: Displays the ink level of the print cartridge.
	Selection box: Displays a check mark if a photo is selected.
	Copies: Displays the number of copies to be printed of the current photo.
	Video camera: Appears only when there is a video clip displayed on the printer screen.
5/30	**Index number**: Displays the index number of the current photo and the total number of photos on the inserted memory card.
	Keyword: Indicates that the current photo or album has a keyword assigned to it.