hp photosmart 130

photo printing guide
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Thank you for purchasing an HP Photosmart printer! With your new, easy-to-use, compact photo printer you can:

- Print beautiful photos from your digital camera’s memory card without a computer.
- Print an index page that shows all the photos on your digital camera’s memory card.
- Print 10x15 cm photos quickly and easily.

To begin setting up your printer, see “setting up your printer” on page 17.

This guide describes how to use your new printer without connecting it to a computer. It includes a quick reference to get you acquainted with your new printer, and plenty of detailed printing and troubleshooting information.

You can connect your printer to your computer to save your photos to the hard drive, enhance your photos, share your photos with friends and family via email, and use your photos in creative projects. For information on using your printer with a computer, see the HP Photosmart Printer Help installed with the HP Photosmart printer software.
## finding information

<table>
<thead>
<tr>
<th>Guide Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Setup Guide</td>
<td>Follow the instructions to quickly and easily set up your printer.</td>
</tr>
<tr>
<td>Photo Printing Guide (you are here!)</td>
<td>Use this guide to learn about using your printer without connecting it to a computer.</td>
</tr>
<tr>
<td>Printer Help</td>
<td>Use this information, installed with the printer software, to learn about using your printer with a computer.</td>
</tr>
<tr>
<td>Software Setup &amp; Product Support booklet</td>
<td>Use this booklet to learn about the printer’s warranty, review regulatory information, and find out where to get help if you need it.</td>
</tr>
</tbody>
</table>
viewing the printer help

For information on using the printer with your computer, view the Printer Help installed with the HP Photosmart printer software.

To view the Printer Help:
1. From the Windows Start menu, select Programs.
2. Select Hewlett-Packard.
4. Click HP Photosmart Printer Help.
5. When the HP Photo & Imaging Software Help opens, select HP Photosmart Printer Help.
welcome
2 getting started

quick reference

<table>
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<th>To print...</th>
<th>Use this paper...</th>
</tr>
</thead>
<tbody>
<tr>
<td>borderless photos</td>
<td>glossy photo paper, with tab 10x16.5 cm</td>
</tr>
<tr>
<td>photos with a border on the bottom edge</td>
<td>glossy photo paper, without tab 10x15 cm</td>
</tr>
<tr>
<td>test and calibration pages</td>
<td>plain index cards 10x15 cm</td>
</tr>
</tbody>
</table>
### There is a difference between **index cards** and **index pages**

<table>
<thead>
<tr>
<th>Index Card</th>
<th>Index Page</th>
</tr>
</thead>
</table>
| index card = card-weight paper  
Use plain, 10x15 cm index cards for printing test pages. | index page = a print showing numbered images of the photos on your memory card  
Print an index page to help you select which photos you want to print. |

### There is a difference between **paper size** and **photo size**

<table>
<thead>
<tr>
<th>Paper Size</th>
<th>Photo Size</th>
</tr>
</thead>
</table>
| You can print on these sizes of paper:  
- 10x15 cm  
- 10x16.5 cm (with 1.25 cm tab)  
- Hagaki (100x148 mm) | You can print your photos in any of these sizes:  
- 10x15 cm  
- 6x8 cm  
- 1.5x2 cm |
Printing photos is easy! Load photo paper, install the print cartridge, insert a camera memory card containing photos, then...

Use ➤Tab to move the cursor to the area where you want to change a setting. Try it!

Use Scroll Up (+) or Scroll Down (-) to scroll through the available choices for each setting.
1. Set photo size - When the cursor is blinking under this area, use **Scroll Up (+)** and **Scroll Down (-)** to pick the size you want your photos.

2. Press **Tab** to move to the next area.

3. Set photos to print - Use **Scroll Up (+)** or **Scroll Down (-)** to scroll to the number of the photo you want to print. Then press **Print**.

**Tip:** You can also choose to print a range of photos, or multiple copies. Selecting the 1.5x2 cm size prints all of the photos on the memory card.
Press the Print button and enjoy your photos!
Important: Make sure the rear paper path is clear of any obstructions.
getting started

front of printer with paper tray open

- Memory card light
- CompactFlash memory card slot
- Secure Digital/MultiMediaCard memory card slot
- Output guide
- Paper width guide
- Paper tray
- SmartMedia memory card slot
- Memory Stick memory card slot
control panel

Power
Press this button to turn the printer on or off

Save
Press this button to save photo and other files from a memory card to the computer’s hard drive when you have the printer connected to a computer

LCD
Read this window to see the status of your printer and the current print settings

Printer light
If this light is green, the printer is on (blinking means the printer is busy); if this light is red, the printer needs attention

Scroll Up (+)/Scroll Down (-)
Press and hold these buttons to scroll through print settings as you are selecting them

Print
Press this button to start printing the selected photos from a memory card

Cancel
Press this button to stop printing or reset the print settings

Tab
Press this button to move from one section to the next when selecting print settings
LCD

Note: The LCD icons are described on the following pages.
## LCD icons

The icons on the top portion of the LCD indicate the status of different printer areas.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attention icon</td>
<td>Indicates something is wrong and the printer needs attention.</td>
</tr>
<tr>
<td>Number of photos</td>
<td>Indicates the number of photos available on the memory card.</td>
</tr>
<tr>
<td>Memory card icon</td>
<td>Indicates a memory card is inserted. If you inserted a memory card and this icon does not appear, the memory card may not be inserted correctly. If the icon is blinking, there is a problem with the memory card.</td>
</tr>
<tr>
<td>DPOF icon</td>
<td>Indicates a digital print order format (DPOF) file is on the memory card.</td>
</tr>
<tr>
<td>Paper and Print Cartridge icon</td>
<td>Indicates the status of the paper and print cartridge. If the ink drop is blinking, there is a problem with the print cartridge. If the paper section (the lines at the bottom of the icon) is blinking, there is a problem with the paper.</td>
</tr>
</tbody>
</table>
The bottom portion of the LCD is where you select the photo size, photo number or range, and number of copies to be printed.

**Tip:** Use ► Tab to move from one section to the next, left to right. Use Scroll Up (+) or Scroll Down (-) to change settings within a section.

<table>
<thead>
<tr>
<th>Section/Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Photo Size section</strong></td>
<td>These three icons indicate the selected photo size. As you move through the photo size selections, the corresponding icon displays to indicate the currently selected photo size. Selecting to print 1.5x2 cm size, prints all of the photos on the card.</td>
</tr>
<tr>
<td><img src="image" alt="10x15 cm" /></td>
<td><img src="image" alt="6x8 cm" /> <img src="image" alt="1.5x2 cm" /></td>
</tr>
<tr>
<td><strong>Choose Photos section</strong></td>
<td>This section indicates the photo number or range of photos to be printed.</td>
</tr>
<tr>
<td><img src="image" alt="21-24" /></td>
<td></td>
</tr>
<tr>
<td><strong>Copies section</strong></td>
<td>This section indicates the number of copies of each photo to print.</td>
</tr>
<tr>
<td><img src="image" alt="X 3" /></td>
<td></td>
</tr>
<tr>
<td><strong>Cursor</strong></td>
<td>The cursor appears below the section you are working in. When you press ► Tab, the cursor moves to the next section.</td>
</tr>
<tr>
<td>Section/Icon</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Paper Count icon</td>
<td>The Paper Count icon shows the number of sheets of paper needed to complete the print job with the current settings. The maximum number of pages the paper stack can show is six. If the print job requires more than six pages, the More Paper icon appears next to the paper stack.</td>
</tr>
<tr>
<td>More Paper icon</td>
<td></td>
</tr>
</tbody>
</table>
setting up your printer

unpacking your printer

Make sure you have the following items:

Important: Place the printer on a flat, stable surface. Make sure you place the printer at least 10 inches away from a wall or any obstruction to allow space for the paper to move during printing.
connecting the power adapter

1. Insert the small end of the power adapter into the power adapter connection on the back of the printer. Make sure it is connected firmly.
2. Unfold the two metal prongs on the power adapter.
3. Connect the adapter plug for your area to the power adapter.
4. Plug the power adapter into a working electrical outlet.

**Important:** Make sure the power adapter cord does not block the rear paper path.

Rear paper path
**turning the printer on or off**

Press the **Power** button on the top of the printer.

The printer light turns green when the printer is turned on. The printer takes about 10 seconds to power up.
loading paper

You can print color photos on 10x15 cm photo paper (with or without a tear-off tab), plain paper, or index cards. For best printing results, use HP Photo Paper. HP papers can be found at most computer and office supply stores or on the Web at: www.hpshopping.com (U.S.) www.hp-go-supplies.com (Europe), www.jpn.hp.com/supply/inkjet (Japan), www.hp.com/paper (Asia Pacific).

Your printer supports the following paper types:

<table>
<thead>
<tr>
<th>Name or type</th>
<th>Size</th>
<th>Use for</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP Premium Photo Paper</td>
<td>10x16.5 cm (1.25 cm tab)</td>
<td>Medium- to high-resolution snapshots, photo album prints, photos to archive, and borderless prints</td>
</tr>
<tr>
<td>HP Photo Paper</td>
<td>10x16.5 cm (1.25 in tab)</td>
<td>Photos to share with friends, snapshots to enclose with letters and cards, reprints, digital photography and business photos</td>
</tr>
<tr>
<td>plain index cards</td>
<td>10x15 cm</td>
<td>Print cartridge calibration pages, test pages, draft prints, children’s projects, and photo index pages (to conserve photo paper)</td>
</tr>
<tr>
<td>Hagaki cards</td>
<td>100x148 mm</td>
<td>Photos and index pages</td>
</tr>
</tbody>
</table>
Note: As it prints, the printer pulls the paper straight through the paper slot, out the back, and then through to the front again. Be sure the rear paper path of the printer is at least 10 inches away from any obstruction.
To load paper:

1. Open the paper tray door.

2. Place a stack of paper on the paper tray and slide it underneath the output guide.
   - The printer prints on the side of the paper that is facing up. If you are using photo paper, load the paper with the **glossy side up**. If you are using tabbed paper, load the paper into the tray so the **tab feeds into the printer first**.
   - Load 10 - 20 sheets of photo paper or index cards. (For information, see the loading instructions that come with your photo paper.)
   - Use one type and size of paper at a time. Do not mix paper types or sizes in the paper tray.

3. Move the paper width guide on the paper tray to fit close to the left edge of the paper without bending the paper. This allows the paper to feed into the printer correctly so that your photos will print straight.
installing or removing the print cartridge

To get the best performance from your printer, use only genuine HP factory-filled print cartridges.

Caution: Make sure you are using the correct print cartridge (HP #57). Damage to the printer or cartridge resulting from the modification or refilling of HP print cartridges is specifically excluded from HP warranty coverage.

You can install and remove the print cartridge while the printer is either on or off. When you insert a new print cartridge for the first time, the printer automatically prints a calibration page. If you remove the print cartridge and reinsert it, another calibration page will not print. To conserve photo paper, you can print the calibration page on an index card.

Note: If the printer is off when you change the print cartridge, the calibration page prints when you turn the printer on.
To install the print cartridge:

1. Take the new print cartridge out of its package and pull the **tab** to remove the clear **plastic tape**.

   **Note:** Do NOT touch the ink nozzles or the copper contacts on the print cartridge. Touching these parts may cause print cartridge failure.

2. Open the print cartridge door by pulling the door down.
3. Place the print cartridge in the print cartridge cradle with the copper contacts facing toward the inside of the printer and the ink nozzles facing down.

4. Push the print cartridge into the print cartridge cradle until you feel it snap into place.

5. Close the print cartridge door.

After you insert the print cartridge, the printer automatically prints a calibration page (if the printer is off, the calibration page prints when you turn the printer on). The calibration page verifies that the print cartridge is installed correctly.
To remove the print cartridge:

1. Open the print cartridge door.
2. Push down and pull outward on the top of the print cartridge to unsnap it from the print cartridge cradle.
3. Remove the print cartridge from the printer.
3  printing from memory cards

types of memory cards supported

The printer can read CompactFlash™ Type I or II, SmartMedia™, Memory Stick™, MultiMediaCard™ or Secure Digital memory cards. These cards are manufactured by several vendors and are available in a variety of storage capacities. You can purchase memory cards where you purchased your digital camera or at most computer supply stores.

Caution: Using another type of memory card may damage the memory card or the printer.

Note: The IBM Microdrive™ and other Microdrive memory cards are not supported.
inserting a memory card

There are four different memory card slots on your printer. The memory card slot you use depends on the type of memory card you have.

Caution: Do not remove the memory card from the printer while the card is being read or written to (the memory card light is blinking). This may damage the printer, the memory card, or the information on the memory card.

Note: Do not use more than one memory card slot at a time.
inserting a CompactFlash memory card

Open the paper tray door. Insert the memory card into the left card slot with the card’s pin-hole side placed into the printer first. If there is an arrow on the memory card’s label, make sure the arrow is pointing towards the slot and facing up.
inserting a SmartMedia memory card

Open the paper tray door. Insert the memory card into the top right card slot. Insert the end of the card with the notch on the corner, and make sure the metal contacts on the card are facing down.

Note: If you insert the card upside down, the memory card light, memory card icon, and red printer light all begin blinking. Remove the card and re-insert it properly.
inserting a Memory Stick memory card

Open the paper tray door. Insert the memory stick into the **bottom right** card slot. Insert the end of the memory stick that has the metal contacts, and be sure the contacts are facing **down** so that you see the arrow on the top of the memory stick.
inserting a Secure Digital memory card

Open the paper tray door. Insert the end of the memory card that has the metal contacts into the bottom left card slot with the label facing up.
inserting a MultiMediaCard memory card

Open the paper tray door. Insert the end of the memory card that has the metal contacts into the **bottom left** card slot with the label facing **up**.

reading the memory card status

When you insert a memory card, the green memory card light starts blinking and the memory card icon appears in the Status LCD. The printer reads the memory card to determine the number of photos. The amount of time this takes depends on how many photos are on the memory card (it may take several minutes) and the photo size.
When the printer finishes reading the card, the memory card light remains on, the number of photos appears in the Status LCD, and the current printer settings appear in the Setup LCD. You are now ready to print your photos.

---

**Caution:** Do not remove the memory card from the printer while the memory card is in use (the memory card light is blinking). This may damage the printer, the memory card, or the information on the memory card.

---

**Caution:** When printing from the memory card while connected to a Windows PC, you may damage the memory card if you remove it while Windows is still accessing it. For more information, see the Printer Help.
When you insert the memory card, the printer is set to print one copy of the first photo on the memory card at 10x15 cm.
using the setup LCD

The Setup LCD is divided into four sections and indicates the current printer settings. The cursor (located at the bottom of the Setup LCD) indicates the currently selected section.

**Photo Size section**
Choose to print photos in 10x15 cm, 6x8 cm, or 1.5x2 cm size

**Choose Photos section**
Choose a single photo or the beginning of a range of photos you want to print

**Choose Photos section**
Choose the end of a range of photos you want to print

**Copies section**
Choose the number of copies you want to print

**Cursor**
Appears below the selected section
To change printer settings:

- Press \(\text{Tab}\) to move from one section to the next in the Setup LCD.
- Press \(\text{Scroll Up (}+\text{)}\) or \(\text{Scroll Down (} - \text{)}\) to change settings within a section.
printing your photos

Printing beautiful photos from your new printer is easy! All it takes is a memory card from a digital camera and five easy steps:

1. Insert the memory card into the printer (see “inserting a memory card” on page 28). The cursor is positioned in the **Photo Size** section of the Setup LCD.

2. Select the size for the printed photos.
   - Use **Scroll Up (+)** or **Scroll Down (-)** to select the photo size.

3. Select which photo you want to print. (If you want to print a range of photos, see “selecting a range of photos to print” on page 42.)
   - Press ►**Tab** to position the cursor in the **Choose Photos** section.
   - Press **Scroll Up (+)** or **Scroll Down (-)** until the number of the photo you want to print is shown in the Setup LCD.
4. Select how many copies you want to print.
   - Press ▶Tab twice to position the cursor in the Copies section.
   - Press Scroll Up (+) repeatedly until the number of copies you want to print is shown in the Setup LCD.

5. Press Print.

Note: For more information on selecting the printer settings, see the following sections.

**selecting the photo size**

The Photo Size section has three icons indicating the selected photo size.

- ![Icon](10x15 cm)
  - 10x15 cm
- ![Icon](6x8 cm)
  - 6x8 cm
- ![Icon](1.5 x2 cm)
  - 1.5 x2 cm for an index page

Note: In a print job, all photos print at the same size. To print photos at different sizes, start another print job.
To select the size of the photo:

1. Use ▶ Tab to position the cursor in the **Photo Size** section of the Setup LCD. If you just inserted the memory card, the cursor is already in the **Photo Size** section.

2. Use **Scroll Up (+)** or **Scroll Down (-)** to select the photo size.

---

**selecting photos to print**

The printer assigns a photo number to each photo on the memory card. Due to differing numbering schemes, and how some digital cameras handle re-numbering of photos when photos are deleted, the photo numbers assigned by the printer may not match those shown on your camera’s LCD. For this reason, it is always best to print an index page before printing your photos, so that you will be using the printer’s photo numbers to select the correct photos for printing.
selecting a single photo to print

To select a single photo to print:

1. Use ▶Tab to position the cursor in the first part of the Choose Photos section of the Setup LCD.

2. Use Scroll Up (+) or Scroll Down (-) to select the photo to print.

Tip: To get to the desired photo faster, press and hold down either Scroll Up (+) or Scroll Down (-) to activate auto-repeat. This allows you to reach the desired photo number without having to repeatedly press the button.
selecting a range of photos to print

You can print a sequence of photos in one print job. For example, you can print photos numbered 21 to 24.

**To select a range of photos to print:**

1. Use ➤Tab to position the cursor in the first part of the Choose Photos section of the Setup LCD.
2. Use Scroll Up (+) or Scroll Down (-) to select the first photo to print (for example, photo number 21).
3. Press ➤Tab to move the cursor to the second part of the Choose Photos section.
4. Use **Scroll Up (+)** or **Scroll Down (-)** to select the last photo in the range of photos to print (for example, photo number 24).
selecting the number of copies

To select the number of copies to print:

1. Use ►Tab to position the cursor in the Copies section of the Setup LCD.

2. Use Scroll Up (+) or Scroll Down (-) to select the number of copies to print.

   **Note:** Copies of a range of photos are printed as sets. For example, 3 copies of photos 1–3 print in this order: 1,2,3; 1,2,3; 1,2,3.
The **Copies** section of the LCD has three icons:

- The number shows the number of copies selected to print. The default is 1.
- The Paper Count icon shows the number of sheets of paper needed to complete the print job with the current settings. As you increase the number of copies the number of sheets increases accordingly.
- The More Paper icon appears next to the Paper Count icon when the print job requires more than six sheets of paper.

**examples**

**To print only the last photo on a memory card:**

1. Insert the memory card into the printer.
2. Press **Scroll Up (+)** or **Scroll Down (-)** to select the size of your photo.
3. Press **Tab** once to move to the **Choose Photos** section.
4. Press **Scroll Down (-)** once to select the last photo on the memory card.
5. Press **Print**.
To print all photos on a memory card:
1. Insert the memory card into the printer.
2. Press Scroll Up (+) or Scroll Down (-) to select the size of your photos.
3. Press ▶Tab twice to move the cursor to the second part of the Choose Photos section.
4. Press Scroll Down (-) to select the last photo on the memory card.
5. Press Print.

Note: When you Scroll Up (+) or Scroll Down (-) to the index print size, the display will automatically be set to print all of the images on the memory card. If you scroll back to 10x15 cm or 6x8 cm size, the settings will reset to print one copy of the first image so choose the desired image size before selecting other settings.

To print two copies of photos 4-6 in 6x8 cm size:
1. Insert the memory card into the printer.
2. Press Scroll Down (-) to select 6x8 cm size prints.
3. Press ▶Tab to position the cursor in the first part of the Choose Photos section.
4. Press Scroll Up (+) three times to select “4” as the first photo to be printed.
5. Press ▶Tab to position the cursor in the second part of the Choose Photos section.
6. Press Scroll Up (+) twice to select “6” as the last photo to be printed.
7. Press ▶Tab to position the cursor in the Copies section.
8. Press Scroll Up (+) to select “2” as the number of copies.

printing an index page

An index page shows 1.5x2 cm views of the photos stored on the memory card. The index page can print 28 images per page and takes approximately a minute and a half to print. Depending on the number of photos on the memory card, an index page may be several pages long. The images on an index page print at a low resolution in order to print quickly, so they do not represent the final print quality of the other photo sizes.

The photo number appears in the lower left corner of each image on the index page. Use the photo number to select photos to print.

Note: This number may be different from the number associated with the photo on your digital camera. If you add or delete photos from a memory card, reprint the index page to see the new photo numbers.
To print an index page:

1. Insert the memory card into the printer.

2. In the **Photo Size** section of the Setup LCD, scroll down to the 1.5x2 cm size (the bottom icon). The display will automatically be set to print all of the images on the memory card.

3. Select the photos you want to print:

   - To print all photos on the memory card, press **Print**.

   - If you want to print an index page that does not include all photos on the memory card: press ▶ Tab once to position the cursor in the first part of the **Choose Photos** section, then select the range of photos to print.

   - If you want to print more than one copy of the index page, set the number of copies.

4. Press **Print**.
canceling a print job

To stop printing, press Cancel.

- The partially printed page ejects from the printer.
- The settings on the control panel reflect the cancelled print job.

clearing print settings

To clear the print settings, press Cancel when the printer is not busy printing or saving. This restores the default settings: 10x15 cm, print first photo on the memory card, and print one copy.
printing from memory cards
4 printing from DPOF files

Many digital cameras allow you to choose which photos to print while you are reviewing the photos using the camera’s LCD. Your selections are stored in a digital print order format (DPOF) file. This file tells the printer which photos to print, the size of each photo, and how many of each photo to print.

**Note:** If you have an HP direct printing digital camera, you can print camera-selected photos by connecting directly to your printer’s USB port using the special USB cable that shipped with your camera. After connecting the camera to the printer, the Print Setup screen appears on the camera. Follow the on-screen instructions to complete the printing process. Be sure to select 10x15 cm as the paper size. For more information, see your camera documentation.

**printing from a DPOF file**

**Note:** When you print from a DPOF file, you will not be able to use the control panel to choose the photo size, range, or number of copies. This is because the DPOF file created by the camera specifies these settings. If the DPOF file specifies “standard” for the photo size, the photo will print at 10x15 cm; if it specifies “index” for the photo size, the photo will print at 1.5x2 cm size.
To print from a DPOF file:

1. Use your digital camera to create a DPOF file on the memory card.
   
   **Note:** The settings you can use when creating a DPOF file are specific to your camera. See your digital camera’s documentation for information on creating a DPOF file.

2. Insert the memory card into your printer. For details, see “inserting a memory card” on page 28.

   The printer automatically recognizes the DPOF file on the memory card.
   
   • The DPOF icon appears in the Status LCD to indicate a DPOF file is on the memory card.
   
   • DPOF appears in the Photo Size section to indicate that the photo size (standard or index) will be read from the DPOF file.
   
   • DPOF appears in the Choose Photos section to indicate the photos to be printed will be read from the DPOF file.

3. On the control panel, press **Print**.
Exiting DPOF mode

To print photos from the memory card that are not part of the DPOF file, exit DPOF mode. When you exit DPOF mode, the other photos on the card are accessible.

To exit DPOF mode:

1. Press ➤Tab, Scroll Up (+), or Scroll Down (-) to exit DPOF mode. The cursor will be in the Choose Photos section.
2. Use Scroll Up (+) or Scroll Down (-) to select the photo size.
3. Continue with your selections and print your photos.
returning to DPOF mode

When there is a DPOF file on the inserted memory card, DPOF appears as an additional selection in the Photo Size section.

To return to DPOF mode:

- Use Scroll Up (+) or Scroll Down (-) in the Photo Size section to select DPOF.
5 care and maintenance

Your printer requires little maintenance. Transport your printer with care, keep it clean and in good condition, and keep the print cartridge inside the printer at all times.

transporting your printer

Your printer can travel with you. Be sure to always carry the printer upright.

To transport your printer:

1. Press **Power** to turn off the printer.
2. Remove all paper from the paper tray.
3. Close the paper tray door.
   
   **Note:** Make sure the printer completes its power-down cycle before you disconnect the power. This allows the printer to store the print cartridges in a protected state.

4. Unplug the power adapter and plug the two metal prongs back into the power adapter.
5. If your printer was connected to your computer, disconnect the USB cable from the computer.

   **Note:** When transporting your printer, do not remove the print cartridge.
When transporting your printer, make sure to bring the following items with you:

- Paper
- Power adapter
- Memory card containing photos, or your digital camera
- Extra HP #57 print cartridges (if you plan to print a lot of photos)

**Note:** If you are going to connect your printer to a computer, make sure to also bring your USB cable and printer software CD.

**storing your printer and supplies**

**storing your printer**

Your printer is built to withstand short or long periods of inactivity. Close the paper tray door when the printer is not in use. Store the printer out of direct sunlight and in a place that does not have temperature extremes (such as indoors).

**storing the print cartridge**

Always transport and store the used print cartridge inside the printer. The printer stores the print cartridges in a protective cap.
Make sure the printer completes its power-down cycle before you disconnect the power. This allows the printer to store the print cartridge correctly.

If the printer and print cartridge have been unused for a month or more, print a test page to clean the print cartridge before using it. See below for details.

**storing paper**

Store photo paper in its original packaging on a level surface in a cool, dry location.

**cleaning your printer**

To clean the outside of the printer, use a cloth that has been lightly moistened with water.

**Important:** Do not use cleaners or soaps as they may damage the printer’s finish.

**printing a test page**

The test page is used to diagnose print cartridge problems. Printing it also cleans the print cartridge. You should print a test page any time you suspect something is wrong with your print cartridge—the print cartridge cleaning that happens when you print the test page can resolve many print quality problems.
You can print the test page up to three times, each time completing a more thorough print cartridge cleaning.

**Note:** To conserve photo paper, you can print the test page on an index card.

**To print a test page using the control panel:**

1. If there is a memory card in any of the card slots, remove the memory card.
2. On the control panel, press and hold **Print** for a few seconds. The printer begins to print a test page.
3. Check the print quality of the test page. If it appears that the print cartridge needs additional cleaning, you can print up to two more test pages—each successive test page gives a more thorough print cartridge cleaning.

**Image print quality**
If this looks good, your photos should print well

**Ink nozzle quality**
If there are white streaks in these color bars, try cleaning the print cartridge

**Diagnostic information**
To be used when working with HP Customer Support

**Estimated ink level**
Use this to determine when you should buy a new print cartridge
Your printer is designed to be reliable and easy to use. If there is a problem, look in this section to find a solution quickly.

**Note:** Before you begin, make sure the power adapter between your printer and the electrical outlet is securely plugged in and the power source is turned on.

**reading the status indicators**

There are several indicators that show the printer status in a variety of situations. These indicators can help you diagnose problems quickly and easily. If you suspect a problem, check the:

- Printer light
- Memory card light
- Status LCD

These indicators are described in the following sections.
printer light

This light, etched on the Print button, can be green or red. If the light is green, it can be either solid or blinking. If the printer light is red, it will be blinking.

<table>
<thead>
<tr>
<th>Color</th>
<th>State</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>Solid</td>
<td>Printer power is on</td>
</tr>
<tr>
<td>Green</td>
<td>Blinking</td>
<td>Printer is busy</td>
</tr>
<tr>
<td>Red</td>
<td>Blinking</td>
<td>The printer needs attention</td>
</tr>
</tbody>
</table>
memory card light

This green light is located between the memory card slots on the front of the printer. It is only visible when the paper tray door is open.

<table>
<thead>
<tr>
<th>State</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>On - solid</td>
<td>A memory card is in one of the slots, but it is not being accessed</td>
</tr>
<tr>
<td>On - blinking</td>
<td>The memory card is being accessed</td>
</tr>
<tr>
<td>Off</td>
<td>There are no memory cards in the slots</td>
</tr>
</tbody>
</table>
Caution: Do not remove the memory card from the printer while the card is being read or written to (the memory card light is blinking). This may damage the printer, the memory card, or the information on the memory card.

status LCD

The **Status LCD** displays icons that indicate the general printer status as well as the status of specific printer parts.

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
<th>State</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>🙁</td>
<td>Attention icon</td>
<td>Blinking</td>
<td>There is a problem and the printer needs attention.</td>
</tr>
<tr>
<td>34</td>
<td>Number of photos</td>
<td>Solid</td>
<td>The number of photos on the memory card.</td>
</tr>
<tr>
<td>Section</td>
<td>Description</td>
<td>State</td>
<td>Meaning</td>
</tr>
<tr>
<td>-----------------------</td>
<td>---------------------</td>
<td>----------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>Number of photos</td>
<td>Blinking</td>
<td>There are no photos on the memory card, or there is a problem with the photos on the memory card.</td>
</tr>
<tr>
<td></td>
<td>Memory card icon</td>
<td>Solid</td>
<td>A memory card is inserted.</td>
</tr>
<tr>
<td></td>
<td>Memory card icon</td>
<td>Blinking</td>
<td>There is a problem with the memory card.</td>
</tr>
<tr>
<td></td>
<td>DPOF icon</td>
<td>Solid</td>
<td>There is a DPOF (digital print order format) file on the memory card.</td>
</tr>
<tr>
<td></td>
<td>Paper icon</td>
<td>Blinking</td>
<td>There is a problem with the paper.</td>
</tr>
<tr>
<td></td>
<td>Print Cartridge icon</td>
<td>Blinking</td>
<td>There is a problem with the print cartridge.</td>
</tr>
</tbody>
</table>
interpreting error conditions

Any time the printer has an error and needs attention, the printer light blinks red. Read the status LCD for an indication of the type of error.

printer problems

<table>
<thead>
<tr>
<th>Status LCD</th>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blinking</td>
<td></td>
<td></td>
</tr>
<tr>
<td>🙁</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The printer may be out of memory.
OR
There may be too many files on the memory card.
OR
One of the photos on the memory card may be too large to process.

1. Press Cancel.
2. If necessary, turn the printer off, wait for it to power down, and then turn it on.
3. Try the print job again.
# memory card problems

<table>
<thead>
<tr>
<th>Status LCD</th>
<th>Memory Card Light</th>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Blinking" /></td>
<td>Blinking</td>
<td>The memory card is inserted incorrectly.</td>
<td>Remove the memory card from the slot and re-insert it correctly. For more information, see “inserting a memory card” on page 28.</td>
</tr>
<tr>
<td><img src="image" alt="Blinking, then solid" /></td>
<td>Blinking, then solid</td>
<td>The memory card is empty. OR The memory card contains only unrecognized file formats.</td>
<td>Use Windows Explorer or My Computer to access the files on the memory card. OR 1. Remove the memory card from the slot. 2. Insert a memory card that contains photos in a recognized file format.</td>
</tr>
</tbody>
</table>

There is more than one memory card inserted.  
1. Remove the unwanted memory card.  
2. Set up your print job.  
3. Press **Print**.
<table>
<thead>
<tr>
<th>Status LCD</th>
<th>Memory Card Light</th>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| ![Sad Face](image) | Blinking | The printer cannot read the memory card—it may be damaged or unformatted. | • Remove the memory card from the slot.  
Try the following methods of reading the files on the card. If none of these work, you will need to use another memory card.  
• If you have the printer connected to a computer, you can save the file from the memory card to your computer, and then print the file from your software application.  
• Format the memory card.  
• Connect the camera to the PC to download the file. |

| ![Sad Face](image) | Blinking | Multiple photos in the print job are corrupt (the print job is canceled). | 1. Print an index page and note which photos are corrupt.  
2. Set up your print job, making sure you have not included the corrupt photos.  
3. Press **Print**. |
<p>| Number of corrupt photos flashes next to memory card icon | | | |</p>
<table>
<thead>
<tr>
<th>Status LCD</th>
<th>Memory Card Light</th>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| 😞        | Blinking          | The printer cannot read the selected photo (the photo may be corrupt or in a format the printer does not recognize). | 1. Remove the memory card from the slot.  
2. If you have the printer connected to a computer, you can save the photo from the memory card to your computer and then print the photo from your software application. |
| LCD shows HP 130 | Off (no light)   | The memory card was not inserted fully.                               | Push the memory card further into the memory card slot.                 |
## Print Cartridge Problems

<table>
<thead>
<tr>
<th>Status LCD</th>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Printer Status Icon" /></td>
<td>Print cartridge is missing.</td>
<td>Install the correct HP print cartridge (# 57) into the printer.</td>
</tr>
<tr>
<td></td>
<td>You may have forgotten to remove the plastic tape from the print cartridge.</td>
<td>Remove the plastic tape from the print cartridge and re-insert the cartridge. For more information, see “installing or removing the print cartridge” on page 23.</td>
</tr>
</tbody>
</table>
|            | The copper contacts on the print cartridge are not connecting with the contacts inside the printer. | 1. Remove the print cartridge.  
2. Make sure there is not any debris on the copper contacts.  
3. Re-insert the print cartridge. |
|            | An incorrect print cartridge is installed.                              | Remove the incorrect print cartridge and insert the correct HP print cartridge (#57).  
For more information, see “installing or removing the print cartridge” on page 23. |
|            | The print cartridge may be low on ink (the printer light does not blink). | Print a test page to see how much ink is left in the print cartridge, and to evaluate the print quality. If needed, replace the print cartridge. |
# paper problems

<table>
<thead>
<tr>
<th>Status LCD</th>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| 🙁          | Paper has jammed. OR The printer picked up multiple sheets of paper.     | 1. Pull the paper out of the paper path.  
2. Make sure the paper width guide fits close to the edge of the paper without bending the paper.  
3. Press **Print** to continue printing. |
| 🙁 💡       | The printer is out of paper.                                            | 1. Place more paper in the paper tray.  
2. Press **Print** to continue printing.                                                    |
|             | The printer could not pick up the paper from the paper tray.            | • Make sure the paper width guide is close to the left edge of the paper without bending the paper.  
• Make sure there are no more than 20 sheets of paper in the paper tray.  
• Make sure there is not more than one type and size of paper in the paper tray. |
## saving to PC problems

<table>
<thead>
<tr>
<th>Status LCD</th>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>“PC _ _”</td>
<td>The printer cannot communicate with the computer because it is not connected or turned on.</td>
<td>1. Press <strong>Cancel</strong> to stop activity. &lt;br&gt;2. Verify that the computer is on and the USB cable is connected.</td>
</tr>
</tbody>
</table>
other printing problems

If you are having problems with your printouts and there is no error condition shown on the printer, there could be a problem that the printer does not detect.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>My photo did not come out of the printer.</td>
<td>There may be a paper jam.</td>
<td>1. Pull the paper out of the paper path.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Make sure the paper width guide fits close to the edge of the paper without bending the paper.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3. Press <strong>Print</strong> to continue printing.</td>
</tr>
<tr>
<td>Power may be off or there may be a loose connection.</td>
<td></td>
<td>• Make sure the printer power is on.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Make sure that all cable connections are secure.</td>
</tr>
<tr>
<td>You may not have any paper in the paper tray.</td>
<td>Check that paper is loaded correctly in the paper tray.</td>
<td></td>
</tr>
<tr>
<td>A problem may exist with the print cartridge.</td>
<td>Try printing a test page. If necessary, replace the print cartridge.</td>
<td></td>
</tr>
<tr>
<td>The printer may still be processing information.</td>
<td>Be patient. The printer needs time to finish processing the information.</td>
<td></td>
</tr>
<tr>
<td>Problem</td>
<td>Possible cause</td>
<td>Solution</td>
</tr>
<tr>
<td>---------</td>
<td>----------------</td>
<td>----------</td>
</tr>
<tr>
<td>The printer light is flashing but nothing is printing.</td>
<td>The printer may be processing information.</td>
<td>Be patient. The printer needs time to finish processing the information.</td>
</tr>
<tr>
<td>My photo printed at an angle or is off center.</td>
<td>The paper may not be loaded correctly. OR The paper size may be incorrect.</td>
<td>• Make sure the paper is correctly oriented in the paper tray. • Make sure the paper width guide is close to the left edge of the paper without bending the paper. • Make sure you selected the correct paper size in your software application printer properties (if you are printing from a computer).</td>
</tr>
</tbody>
</table>
The photos I marked in the camera are not printing.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Some digital cameras, such as the HP Photosmart 318 and HP Photosmart 612, use both internal memory and memory cards for storing photos. With these cameras, you can print photos two ways. You can mark the photos that you want to print in the internal memory or you can mark the photos that you want to print on the memory card. However, if you mark photos in the internal memory and transfer them to a memory card, the DPOF file on the memory card will not include information about the photos transferred from the memory card. They need to be unmarked before transferring them.</td>
<td>Mark the photos after you transfer them to the memory card.</td>
<td></td>
</tr>
<tr>
<td>Problem</td>
<td>Possible cause</td>
<td>Solution</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>---------------------------------------------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>My photo came out blank.</td>
<td>The print cartridge may be out of ink.</td>
<td>Print a test page to see how much ink is left in the print cartridge, and to evaluate the print quality. If needed, replace the print cartridge.</td>
</tr>
<tr>
<td></td>
<td>You may have forgotten to remove the plastic tape from the print cartridge.</td>
<td>Make sure you have removed the protective plastic tape from the print cartridge. For more information, see “installing or removing the print cartridge” on page 23.</td>
</tr>
<tr>
<td></td>
<td>You may have previously begun a print job and then canceled it.</td>
<td>If you cancel a print job before the job prints, the printer ejects a blank or partially printed page before continuing with the next job.</td>
</tr>
<tr>
<td>Problem</td>
<td>Possible cause</td>
<td>Solution</td>
</tr>
<tr>
<td>---------</td>
<td>---------------</td>
<td>----------</td>
</tr>
<tr>
<td>Print quality is poor. OR Colors do not print correctly.</td>
<td>You may be running out of ink.</td>
<td>Print a test page. If you are running out of ink, replace the print cartridge.</td>
</tr>
<tr>
<td></td>
<td>You may not be using the best paper type.</td>
<td>• Make sure you are using a type of paper intended for the printer. • Choose paper that is specifically designed for the output you want. For example, to print photos, use photo paper rather than plain paper. See “loading paper” on page 20 for more information about supported paper types.</td>
</tr>
<tr>
<td></td>
<td>You may be printing on the wrong side of the paper.</td>
<td>Make sure the paper is loaded with the HP logo side down (print side is up).</td>
</tr>
<tr>
<td></td>
<td>You may need to clean the print cartridge.</td>
<td>Print a test page to clean the print cartridge. See “printing a test page” on page 57.</td>
</tr>
</tbody>
</table>
getting additional help

We hope you found this troubleshooting guide helpful. If your problem persists, see the *Software Setup & Product Support* booklet that came with your printer, or visit www.hp.com/support.
# specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>224 x 119 x 231 mm</td>
</tr>
<tr>
<td>Drop Volume</td>
<td>As low as 4pl</td>
</tr>
<tr>
<td>Interface</td>
<td>USB 2.0</td>
</tr>
<tr>
<td>Maximum operational temperature</td>
<td>40°C</td>
</tr>
<tr>
<td>Paper sizes</td>
<td>10x15 cm with and without tab</td>
</tr>
<tr>
<td>Paper types</td>
<td>HP Premium Photo Paper 10x16.5 cm with 1.5 cm tab, 11.5-mil thickness,</td>
</tr>
<tr>
<td></td>
<td>HP Photo Paper 10x16.5 cm with 1.5 cm tab, 11.5-mil thickness,</td>
</tr>
<tr>
<td></td>
<td>Hagaki 100x148 mm,</td>
</tr>
<tr>
<td></td>
<td>A6 10x15 cm</td>
</tr>
<tr>
<td></td>
<td>Other brands of photo paper, 10x15 cm</td>
</tr>
<tr>
<td></td>
<td>Index cards 10x15 cm</td>
</tr>
<tr>
<td>Memory card compatibility</td>
<td>CompactFlash Type I and II, Memory Stick, MultiMediaCard, Secure Digital,</td>
</tr>
<tr>
<td></td>
<td>SmartMedia</td>
</tr>
<tr>
<td>Power adapter</td>
<td>C8442-60026 adapter: 120–127Vac, 50/60Hz, 500mA</td>
</tr>
<tr>
<td></td>
<td>C8442-60027 adapter: 100–240Vac, 50/60Hz, 500mA</td>
</tr>
<tr>
<td>Paper tray capacity</td>
<td>20 sheets</td>
</tr>
<tr>
<td>Print cartridge</td>
<td>One tri-color cartridge (HP #57)</td>
</tr>
<tr>
<td>Specifications</td>
<td>Details</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>Prints color</td>
<td>Yes</td>
</tr>
<tr>
<td>Print languages</td>
<td>PCL3C+, PML</td>
</tr>
<tr>
<td>Print technology</td>
<td>Drop on-demand thermal inkjet printing</td>
</tr>
<tr>
<td>Resolution</td>
<td>Up to $4800 \times 1200$ optimized dpi</td>
</tr>
<tr>
<td>Speed</td>
<td>Approximately 2 minutes per page</td>
</tr>
<tr>
<td>Technology, color</td>
<td>PhotoREt III, ColorSmart III</td>
</tr>
<tr>
<td>Weight</td>
<td>1.3 kilos</td>
</tr>
</tbody>
</table>
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