HP Photosmart M437/M537
Digital Camera

User Guide

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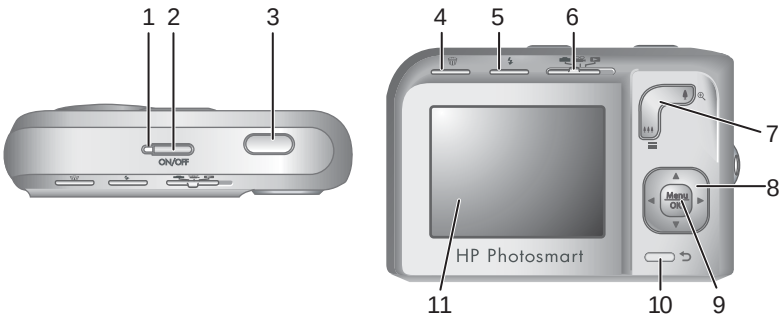
1 Getting started

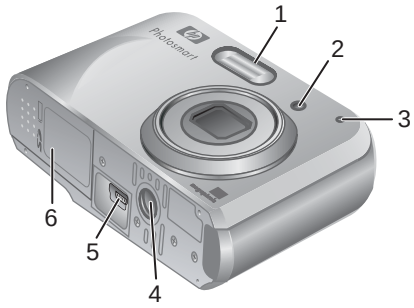
Use this section to get familiar with camera controls, set up your digital camera for use, and begin taking pictures.

Camera top and back



1	Power light.
2	ON/OFF button.
3	**Shutter** button.
4	**Delete** button—Accesses the **Delete** function while in **Instant Review** (see “Instant Review” on page 9 and **Playback** (see “Deleting images” on page 18).
5	**Flash** button— Accesses the flash settings while in **Picture Capture** (see “Setting the flash” on page 13).
6	selector—Switches between **Picture Capture**, **Video Record**, and **Playback** (see “Taking pictures” on page 8, “Recording video clips” on page 9, and “Reviewing images and video clips” on page 17).
7	**Zoom** lever—Accesses **Zoom** (see “Using zoom” on page 11), **Thumbnails** (see “Viewing thumbnails” on page 18), and **Magnify** (see “Magnifying images” on page 18) functions.
8	and buttons—Scroll through menus and images.
9	Menu OK button—Displays camera menus, selects options, and confirms actions.
10	**Back** button—Returns you to the previous menu or view. Press and hold to back out of all menus.
11	Image Display.

Camera front, side, and bottom



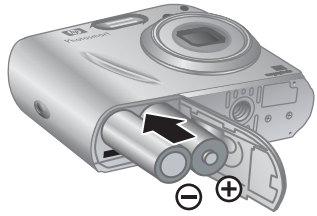
1	Flash.
2	Self-Timer light (see “Using the Self-Timer setting” on page 15).
3	Microphone.
4	Tripod mount.
5	Dock/USB connector—Provides direct and indirect (via optional dock) USB connectivity.
6	Battery/Memory Card door.

Before taking pictures

Complete the following procedures before taking pictures or recording video clips.

Install the batteries

1. Open the Battery/Memory Card door by sliding the latch as indicated on the Battery/Memory Card door.
2. Insert the two AA batteries.
3. Close the Battery/Memory Card door.



NOTE: If using rechargeable NiMH batteries, fully charge the batteries before using them the first time (see “Recharging NiMH batteries” on page 41). Turn off the camera before removing the batteries.

Turn on the camera

To turn on the camera, press the ON/OFF button.

Choose the language

Use ▲▼ ◀▶ to choose the language you want, then press Menu OK.

To change the language later, use the **Camera Setup Menu** (see "Using the Camera Setup Menu" on page 31).

Set the region

Along with the language setting, the region setting determines the default date format.

Use ▲▼ to choose the region you want, then press Menu OK.

Set the date and time

Accurately setting the date and time will help you locate images once you have transferred them to your computer, and will ensure that images are accurately marked if you use the date and time imprint feature. See **Date & Time Imprint** under "Using the Picture Capture and Video Record menus" on page 14.

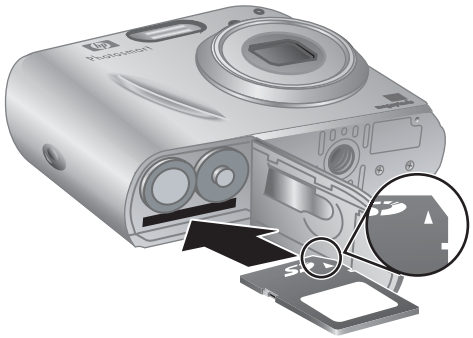
1. Use ▲▼ to adjust the highlighted value.
2. Use ◀▶ to move to the other selections and repeat Step 1 until the date and time are set correctly.
3. Press Menu OK when the date, time, and format settings are correct, then press Menu OK again to confirm.

To change the date and time later, use the **Camera Setup Menu** (see "Using the Camera Setup Menu" on page 31).

Install and format an optional memory card

Your camera supports standard, high speed and high capacity Secure Digital (SD and SDHC) memory cards, 32MB to 8GB.

1. Turn off the camera and open the Battery/Memory Card door.
2. Insert the memory card in the smaller slot as shown. Make sure the memory card snaps into place.
3. Close the Battery/Memory Card door and turn on the camera.



NOTE: When you turn on your camera with a memory card installed, the camera indicates the number of images you can put on the memory card at the current Image Quality setting. This camera supports storing a maximum of 4000 images on a memory card.

Always format new memory cards before first use. Formatting removes all images from the memory card, so make sure to transfer existing images before formatting (see “Transferring and printing images” on page 23).

1. With the camera turned on, slide to .
2. Press .
3. Use ▲▼ to select **Format Card**, then press Menu OK.
4. Use ▲▼ to select **Yes**, then press Menu OK to format the card.

NOTE: Once you install a memory card, all new images and video clips are stored on the card, rather than in internal memory. To use internal memory and view images stored there, turn off the camera then remove the memory card. To transfer images from internal memory to an optional memory card, see **Move Images to Card** under “Using the Playback Menu” on page 18.

For information about supported memory cards, see “Storage” on page 43.

Install the software

The HP Photosmart Software provides features for transferring images and video clips to your computer, as well as features for modifying stored images (remove red eyes, rotate, crop, resize, and more).

To install the HP Photosmart Software, your computer must meet the system requirements as stated on the camera packaging.

If you have trouble installing or using the HP Photosmart Software, see the Hewlett-Packard Technical Support website for more information: www.hp.com/support. To optimize your digital photography experience, periodically check this website for updates to your camera's software, drivers, and firmware.

To learn about Windows Vista support for your camera, see www.hp.com/go/windowsvista (English only).

Windows:

1. Close all programs and temporarily disable any virus protection software.
2. Insert the HP Photosmart Software CD into the CD drive and follow the on-screen instructions. If the installation screen does not appear, click **Start**, click **Run**, type **D:\Setup.exe**, where **D** is the letter of your CD drive, then click **OK**.
3. When the software has finished installing, re-enable virus protection software.

Macintosh:

1. Insert the HP Photosmart Software CD into the CD drive.
2. Double-click the CD icon on the computer desktop.
3. Double-click the installer icon, then follow the on-screen instructions.

Once installation is complete and you have restarted your computer, **System Preferences** automatically opens to the **HP Photosmart Camera** settings. You may change settings so the HP Photosmart Software starts automatically when you connect your camera to your Macintosh (click the help button on the **HP Photosmart Camera** settings dialog for more information).

Using your camera

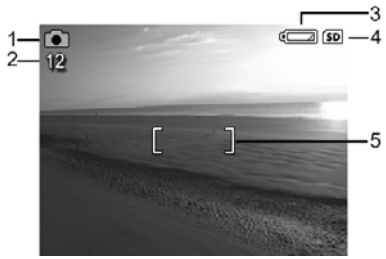
Now that you've completed setup, you can take and review pictures and video clips.

For information on taking pictures and recording video clips	See "Taking pictures" on page 8 and "Recording video clips" on page 9
For information on setting picture capture and video record settings	See "Setting options for taking pictures and recording video clips" on page 13
For information on reviewing images and video clips on the camera	See "Reviewing images and video clips" on page 17
For information on enhancing your images	See "Using the Design Gallery Menu" on page 21
For information on transferring images from your camera to a computer	See "Transferring images with HP Photosmart Software" on page 23
For information on printing images	See "Printing images directly to a printer" on page 25

TIP: To switch between **Picture Capture**, **Video Record**, and **Playback**, slide to the desired option.

2 Taking pictures and recording video clips

You can take pictures when you are in **Picture Capture** and you can record video when you are in **Video Record**. Slide to to take pictures or to to record video clips. The Image Display resembles the following:

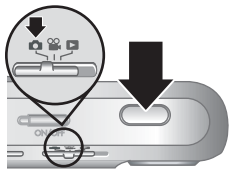


1		• Picture Capture indicator. • Video Record indicator.
2	**12** **0:15**	• When taking pictures, pictures remaining count. • When recording video clips, time remaining (in minutes and seconds).
3		Battery level indicator (see “Power indicators” on page 40).
4	SD	Memory card indicator.
5	[ ]	Focus brackets (see “Auto focus and exposure” on page 9).

Taking pictures

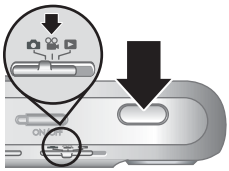
You can take a picture when the camera is set to **Picture Capture**.

1. Slide to .
2. Frame the subject for your picture in the Image Display.
3. Press the **Shutter** button halfway down to measure and lock the focus and exposure. The focus brackets in the Image Display turn solid green when focus is locked (see “Auto focus and exposure” on page 9).
4. Press the **Shutter** button all the way down to take the picture.



Recording video clips

You can record a video clip when the camera is set to **Video Record**.



1. Slide to .
2. Frame the subject in the Image Display.
3. Press the **Shutter** button halfway down to measure focus and exposure. The focus brackets in the Image Display turn solid green when focus is locked (see "Auto focus and exposure" on page 9).
4. Press the **Shutter** button all the way down and release to begin recording video.
5. To stop recording video, press and release the **Shutter** button again.

Instant Review

After you have taken a picture or recorded a video clip, the camera displays it briefly in **Instant Review**. If you want to delete the image or video clip, press , select **This Image** from the **Delete** menu, then press Menu OK.

NOTE: To hear audio associated with video clips, transfer them to your computer (see "Transferring and printing images" on page 23).

Auto focus and exposure

When you press the **Shutter** button halfway down, the camera automatically measures and locks the focus (for pictures and video clips) and exposure (for pictures only). When you auto focus:

Indicator	Description
Green focus brackets	Focus found.
Red focus brackets	Focus not found (see "Optimizing focus" on page 10).
(shaking hand icon)	(Pictures only) Long exposure required (see "Optimizing exposure" on page 11).

TIP: If you follow the suggestions for focus and exposure and your image does not appear to be in proper focus or exposure when viewed in **Playback**, see the topics on blurry, dark, light, or grainy images in "Troubleshooting" on page 32.

Focusing on the subject

When you press the **Shutter** button halfway down, the camera searches for focus within the focus brackets. When it finds focus, the focus brackets turn green.

If the focus brackets do not frame your subject, use **Focus Lock** (see “Using Focus Lock” on page 11).

Optimizing focus

When the camera cannot auto focus, the focus brackets turn red. This indicates the picture may be out of focus because the subject is out of the focus range or the scene has low contrast.

If you are recording a video or taking a picture with a shooting mode (see “Using the Picture Capture and Video Record menus” on page 14) other than **Close-up** and the camera cannot focus, it will still take the picture. Try releasing the **Shutter** button, reframing, and then pressing the **Shutter** button halfway down again. If the focus brackets are still red, try the following.

For pictures and video clips: If the scene has low contrast, use **Focus Lock** (see “Using Focus Lock” on page 11) and aim at a point on the subject that has more colors or crisp edges.

For pictures only:

- Select a shooting mode more appropriate for the scene you are capturing (see **Shooting Mode** under “Using the Picture Capture and Video Record menus” on page 14).
- If the subject is too close (less than 300 mm or 11.8 in), move farther away from the subject or use **Close-up** (see **Close-up** under “Using the Picture Capture and Video Record menus” on page 14).
- If the camera is set to **Close-up** and cannot focus, the camera will not take the picture. Try one of the following:
  - Move within the **Close-up** range (50-300 mm or 1.9-11.8 in) or set the camera to AUTO **Auto** (see **Auto** under “Using the Picture Capture and Video Record menus” on page 14).
  - In low contrast scenes, use **Focus Lock** (see “Using Focus Lock” on page 11).

Using Focus Lock

Use **Focus Lock** to focus on a subject that is not in the center of the picture, to capture action shots more quickly by pre-focusing in the area where the action will occur, or to focus in low light or low contrast situations.

1. Frame the subject for your picture within the focus brackets. In low light or low contrast situations, frame a brighter or higher contrast object.
2. Press the **Shutter** button halfway down.
3. Hold the **Shutter** button halfway down and re-frame.
4. Press the **Shutter** button all the way down to take the picture.

Optimizing exposure

When you are taking a picture and press the **Shutter** button halfway down, the camera also measures the light level to set the proper exposure.

If the camera determines the scene will require a very long exposure, a shaking hand icon (🤚) appears. The camera will take the picture, but it may be blurry because it is difficult to hold the camera still for the length of time required. Try one of the following:

- Set the flash to **Auto Flash** or **Flash On** (see “Setting the flash” on page 13).
- Set the camera on a tripod or stable surface.
- If the subject is out of the flash range or you do not have a tripod, set the shooting mode to **Steady Photo** (see **Steady Photo** under “Using the Picture Capture and Video Record menus” on page 14).
- Turn on more light.

NOTE: When you are recording a video, the camera continuously updates exposure.

Using zoom

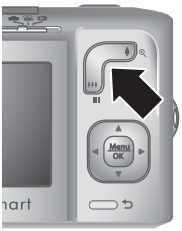
Your camera has both optical and digital zoom. Optical zoom physically extends the lens to make the subject of your picture appear closer. After you have extended the lens fully using optical zoom, the camera employs digital zoom. Digital zoom uses no moving lens parts.

TIP: The more you zoom in on the subject of your picture, the more small movements of the camera are magnified (this is called camera shake). If 🤚 appears when you press the **Shutter** button halfway down, the picture may be blurry. To reduce potential blur, see the suggestions in “Optimizing exposure” on page 11.

Optical zoom

Optical zoom moves the lens between wide angle (1x) and telephoto (3x).

While in **Picture Capture** or **Video Record**, use the buttons on the **Zoom** lever to control zoom. Press to zoom in and to zoom out.



NOTE: You can set the optical zoom to the position you want just before recording video clips. However, you cannot use optical zoom while the video clip is recording.

Digital zoom

In digital zoom, the Image Display shows a yellow frame around the scene and the image quality setting (MP value). As you zoom in, the scene expands to show what the camera will capture, and the MP value decreases to indicate the resolution at which the scene will be captured.

When capturing images using digital zoom, make sure that the MP value on the Image Display is appropriate for the size at which you want to print the captured image. For MP values and their recommended print sizes, see **Image Quality** under “Using the Picture Capture and Video Record menus” on page 14.

To use digital zoom:

1. While in **Picture Capture**, press on the **Zoom** lever to optically zoom to the maximum level, then release the lever.
2. Press and hold until the image you want to capture fills the yellow frame. If you zoom in too far, press .
3. To return to optical zoom, press .

NOTE: Digital zoom is not available when recording video clips.

3 Setting options for taking pictures and recording video clips

Your camera's default settings work well for most shooting situations. For some situations, however, the features described in this chapter can improve the pictures you take and the video clips you record. In addition to setting features that optimize the camera for lighting and motion, you can also set the camera to take a series of pictures rapidly or take images 10 seconds after you press the **Shutter** button, giving you time to place yourself in the image.

Setting the flash

To select a flash setting, press while in **Picture Capture**, use to highlight the desired flash mode, then press . To exit without changing the flash setting, press .

	Auto Flash (Default)—The camera uses the flash if necessary.
	Red-Eye—The camera uses the flash with red-eye reduction, if necessary, to minimize the possibility of human eyes appearing red in the final image. For information about red-eye, see "Flash Setting—Red-Eye" on page 13.
	Flash On—The camera always uses flash. If the light is behind your subject, use this setting to increase the light on the front of your subject.
	Flash Off—The camera does not use flash. Use this setting to capture poorly lit subjects beyond the flash range or to capture scenes with the existing light.

The flash setting remains in effect until it is changed again, or you turn off the camera.

NOTE: The flash is set to **Flash Off** in **Landscape**, **Sunset**, and **Theatre** shooting modes, and while recording video clips or using **Burst**. The flash is set to **Red-Eye** in **Night Portrait** shooting mode.

Flash Setting—Red-Eye

The red-eye phenomenon is caused when light from the flash reflects off the subjects' eyes, which can make human eyes appear red in the captured image. Using **Red-Eye** causes the camera to flash quickly up to three times to shrink the subject's pupils (reducing the effect of the red-eye phenomenon) before using the main flash and capturing the image. Since it takes longer to take a picture using this setting, make sure your subjects wait for the additional flashes.

Using the Picture Capture and Video Record menus

The **Picture Capture** and **Video Record** menus allow you to adjust camera settings that affect the characteristics of the pictures and video clips you capture. The **Picture Capture Menu** displays only those features available for taking pictures while the **Video Record Menu** displays only features available for recording video clips.

1. Slide to or , then press Menu OK.
2. Use ▲▼ to highlight an option, then press Menu OK to display the option's menu.
3. Use ▲▼ to highlight a setting, then press Menu OK to change the setting or press ⮌ to exit without changing the setting.
4. To exit the menu, hold down ⮌ until the menu disappears.

For on-camera information about an option, use ▲▼ to highlight **? Help...** in the option's menu, then press Menu OK.

Mode	**Shooting Mode** (only)—For selecting a predefined setting optimized for particular types of scenes or shooting situations. The setting remains in effect until it is changed again, or until you turn off the camera. • AUTO **Auto Mode** (Default)—For taking good shots quickly, when you do not have time to select a special shooting mode. • **Close-up**—For taking close-up pictures of subjects between 50 and 300 mm (1.9 to 11.8 in) away. • **Steady Photo**—For minimizing picture blur when the subject is moving or you cannot hold the camera still long enough in moderate to dim light conditions (see "Optimizing exposure" on page 11). • **Theatre**—For capturing images at school programs, concerts, or indoor sporting events without using flash. • **Landscape**—For scenes with deep perspective, such as mountain scenes. • **Portrait**—For pictures that have one or more people as their primary subject. • **Action**—For capturing sporting events, moving cars, or any scene where you want to stop the action. • **Night Portrait**—For capturing images of people at night. This mode uses the flash and a long exposure. As a result, you must set the camera on a tripod or stable surface. • **Sunset**—For capturing outdoor scenes at sunset.
	Self-Timer—For capturing images or recording video after a 10-second delay (see "Using the Self-Timer setting" on page 15).
☆☆☆	**Image Quality** (only)—Sets resolution and compression for images. The greater the number, the higher the resolution. The setting remains in effect until it is changed, even when you turn off the camera. **M537:** • **6MP Best**—For enlarging or printing images greater than 28 x 36 cm (11 by 14 in). • **Normal (6MP)** (Default)—For printing images up to 28 x 36 cm (11 by 14 in). • **4MP**—For printing images up to 20 x 25 cm (8 by 10 in). • **2MP**—For printing images up to 13 x 18 cm (5 by 7 in). • **VGA**—For sending images via e-mail or posting them to the Internet. **M437:** • **5MP Best**—For enlarging or printing images greater than 28 x 36 cm (11 by 14 in). • **Normal (5MP)** (Default)—For printing images up to 28 x 36 cm (11 by 14 in). • **3MP**—For printing images up to 20 x 25 cm (8 by 10 in).

(continued)

	• **1MP**—For printing images up to 10 x 15 cm (4 by 6 in). • **VGA**—For sending images via e-mail or posting them to the Internet.
	Burst (only)—For taking up to three shots quickly in succession (see "Using the Burst setting" on page 15). The setting remains in effect until it is changed again, or until you turn off the camera.
	Date & Time Imprint (only)—Imprints date in lower left corner of image. The setting remains in effect until it is changed, even when you turn off the camera. • **Off** (Default)—No date or time imprinted on the image. • **Date Only**—Date permanently imprinted. • **Date & Time**—Date and time permanently imprinted.
	Camera Setup...—Displays the **Camera Setup Menu** for setting camera behavior (see "Using the Camera Setup Menu" on page 31).
	Camera Help...—Displays a list of help topics for commonly used features.

NOTE: Some menu options are not available in certain shooting modes.

Using the Self-Timer setting

The **Self-Timer** allows you to take an image or video clip 10 seconds after pressing the **Shutter** button.

1. While in the **Picture Capture** or **Video Record** menu, use ▲▼ to highlight **Self-Timer**, press Menu OK, highlight **On**, press Menu OK, then hold down ⮌ until the menu disappears.
2. Set the camera on a tripod or stable surface.
3. Frame the subject in the Image Display.
4. Press the **Shutter** button halfway down to lock focus and exposure. When the focus brackets turn green, press the **Shutter** button all the way down. The camera begins the 10-second countdown, then takes the picture or begins recording the video clip.
5. If you are recording a video clip, press the **Shutter** button to stop recording.

TIP: If you want to include yourself in the picture, place the camera on a tripod or stable surface, then press the **Shutter** button all the way down. The camera locks focus and exposure just before the end of the countdown, allowing you time to place yourself in the scene.

The **Self-Timer** setting resets to **Off** after the image is taken.

Using the Burst setting

Burst allows you to take up to three pictures as quickly as possible when you press and hold the **Shutter** button all the way down.

1. While in the **Picture Capture Menu**, use ▲▼ to highlight **Burst** , press Menu OK, highlight **On**, press Menu OK, then hold down ⮌ until the menu disappears.
2. Frame the subject, then press the **Shutter** button halfway down to lock the focus and exposure. Then press the **Shutter** button all the way down and hold it. The camera takes up to three pictures as quickly as possible until you release the **Shutter** button or the camera runs out of memory.

The Image Display remains off during the burst capture. After the burst images have been taken, each image appears one at a time in **Instant Review** (see “Instant Review” on page 9). You can delete the entire burst sequence in **Instant Review**. To delete individual images, see “Deleting images” on page 18.

The **Burst** setting remains in effect until it is changed again, or until you turn off the camera.

4 Reviewing images and video clips

You can review and manipulate images and video clips in **Playback** as described here. For information about enhancing images, see “Using the Design Gallery Menu” on page 21.

1. Slide to .
2. Use to scroll through your images and video clips.
   Press to view video clips; press Menu OK to pause a clip. When paused, use to scroll through the individual frames; press to resume playing the video.

For on-camera information about an option, use to highlight **Help...** in the option's menu, then press Menu OK.

During **Playback**, the Image Display also indicates additional information about each image or video clip.

1		**Playback** indicator.
2		Battery indicator (see “Power indicators” on page 40).
3	SD	Memory card indicator.
4	**1 of 30**	Number of this image or video clip out of the total number of stored images and video clips.
5		Image tagged as **Favorite** (see “Tagging images as Favorites” on page 20).
6		Image marked for printing via an online printing service (see “Buying prints online” on page 29).
7	**1**	Number of electronic Photosmart Share destinations (see “Using HP Photosmart Express” on page 27).
8	**3**	Number of copies to print (see “Transferring and printing images” on page 23).

Deleting images

To delete a displayed image during **Playback**:

1. Press .
2. Use ▲▼ to select an option, then press Menu OK.
   - **This Image**—Deletes the image or video clip.
   - **All Except Favorites**—Deletes all images except those tagged as **Favorites**. This menu option only appears if you have images tagged as **Favorites** (see "Tagging images as Favorites" on page 20).
   - **All Images (in Memory/on Card)**—Deletes all stored images and video clips.
   - **Format (Memory/Card)**—Deletes all stored files, then formats the internal memory or memory card.

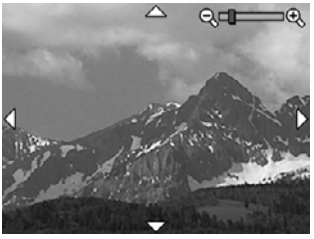
Viewing thumbnails

1. While in **Playback**, press (same as **Zoom Out** on the **Zoom** lever).
2. Use ▲▼ and ◀▶ to scroll through the thumbnails.
3. Press Menu OK to view the highlighted image on the Image Display.

Magnifying images

This feature is for viewing purposes only; it does not permanently alter the image.

1. While in **Playback**, press (same as **Zoom In** on the **Zoom** lever). The currently displayed image is magnified 2x.
2. Use ▲▼ and ◀▶ to pan around the magnified image.
3. Use and to change the magnification.
4. Press Menu OK to return to **Playback**.



Using the Playback Menu

1. While in **Playback**, press Menu OK.
2. Use ▲▼ to highlight an option.

3. Use ◀▶ to select an image or video clip, press Menu OK, and follow any on-screen instructions.

   NOTE: To hear audio associated with video clips, transfer them to your computer (see "Transferring and printing images" on page 23).

4. To exit the selected ▶ **Playback** option, press ↩.
5. To exit the ▶ **Playback Menu**, hold ↩ until the menu disappears.

For on-camera information about an option, use ▲▼ to highlight ? **Help...** in the option's menu, then press Menu OK.

	Remove Red Eyes—Allows you to remove red eyes in images containing human subjects (see "Removing red eyes" on page 19).
	Design Gallery...—Allows you to enhance images by modifying colors, cropping, adding borders, and more (see "Using the Design Gallery Menu" on page 21).
	Photosmart Express...—Allows you to mark images for printing, sharing, and ordering prints online (see "Using HP Photosmart Express" on page 27).
	Favorites—Allows you to tag images as **Favorites** (see "Tagging images as Favorites" on page 20).
	View Slideshow—Allows you to create and view slideshows of your images and videos (see "Viewing slideshows" on page 20).
	Move Images to Card—Moves images from internal memory to memory card. Available only if there are images in internal memory and a memory card is inserted. To move images, select this option and follow the on-screen prompts.
	Camera Setup...—Displays the **Camera Setup Menu** for setting camera behavior (see "Using the Camera Setup Menu" on page 31
	Camera Help...—Displays a list of help topics for commonly used features.

Removing red eyes

When you select **Remove Red Eyes**, the camera processes the current picture to remove red eyes from the subjects.

Remove Red Eyes is only available for pictures taken with a flash.

NOTE: To prevent red eyes in images, see "Flash Setting—Red-Eye" on page 13.

The red-eye removal process takes a few seconds, after which the image displays with green boxes around corrected areas, along with the **Remove Red Eyes** menu:

- **Save Changes** (Default)—Saves a copy of the original image with the changes and returns to the ▶ **Playback Menu**.
- **View Changes**—Displays a magnified view of the image with green boxes around the corrected areas.

To exit the **Remove Red Eyes** menu without saving changes, press ↩.

Tagging images as Favorites

Tagging an image as a **Favorite** allows you to quickly select the group of images tagged as **Favorites** for printing or viewing as a group.

1. Slide to .
2. Use to display an image you want to tag as a **Favorite**.
3. Use to highlight **Favorites**, then press Menu OK. This image is checked in the **Favorites** menu. To untag the image as a **Favorite**, press Menu OK again.
4. For each additional image you want to tag as a **Favorite**, use to display the image, then repeat Step 3.
5. To exit the **Playback Menu**, hold until the menu disappears.

If you have the HP Photosmart Software installed on your computer, tagged images retain the tag when transferred to your computer (see "Transferring and printing images" on page 23).

Viewing slideshows

Select **View Slideshow** to configure and run a slideshow of images and/or video clips on the camera Image Display.

From the **View Slideshow** menu, use to select a slideshow option.

- **Images**—Plays the specified images: **All** (default), **Favorites**, **Pictures Only**, **Videos Only**.
- **Interval**—Sets the amount of time each image is shown: **2 secs**, **5 secs** (Default), **10 secs**, **15 secs**, **60 secs**.
- **Loop**—Specifies how often the slideshow repeats: **Once** (Default), **2x**, **3x**, **Continuous**.

5 Using the Design Gallery Menu

You can use the **Design Gallery** features to enhance your captured images.

1. While in **Playback**, use ◀▶ to scroll to an image, then press Menu/OK.
2. Use ▲▼ to highlight **Design Gallery**, then press Menu/OK.
3. Use ▲▼ to highlight an option, then press Menu/OK and follow any on-camera instructions.

For on-camera information about an option, use ▲▼ to highlight **? Help...** in the option's menu, then press Menu/OK.

	Modify Color—Allows you to apply a color effect to an image (see "Modifying colors" on page 21).
	Add Borders—Allows you to add a border to an image (see "Adding borders" on page 21).
	Rotate—Rotates images in 90-degree increments. Use ◀▶ to rotate the image clockwise or counter-clockwise in 90-degree increments. Press Menu/OK to save the image in the new orientation.
	Crop—Allows you to crop an image (see "Cropping images" on page 22).

Unless otherwise stated, Design Gallery effects are applied to a copy of the image; the original image is retained.

Modifying colors

TIP: If you plan to modify colors, do so before adding a border.

Modify Color allows you to apply color schemes to the displayed image. To modify colors:

1. Use ▲▼ to select **Modify Color**, then press Menu/OK.
2. Use ▲▼ to select a color scheme and preview the effect it has on the image.
   - **Black & White**—Converts color images to black and white.
   - **Sepia**—Converts image to a brownish tone to look old-fashioned.
   - **B&W Tints**—Applies color tones on a black and white version of an image.
3. Press Menu/OK to select the color scheme and display the **Modify Color** menu. Follow the on-camera instructions to adjust the color.
4. Press Menu/OK to save a copy of the image with the specified color scheme and return to the **Design Gallery Menu**. Press ⮌ to exit without saving and return to the **Modify Color** menu.

Adding borders

TIP: If you plan to modify colors or crop your image, do so before adding a border.

Add Borders allows you to add one or more predefined borders to the displayed image. To add a border:

1. Use ▲▼ to select **Add Borders**, then press Menu OK.
2. Use ▲▼ to select a border type and preview the effect it has on the image.
   - **Soft Edge**—Applies a soft, vignetted frame to the image.
   - **Oval**—Adds an oval matte border with beveled edges.
   - **Rectangle**—Adds a rectangular matte border with sharp corners.
3. Press Menu OK to select the border and display the **Add Borders** menu. Follow the on-camera instructions to adjust the border.
4. Press Menu OK to save a copy of the image with the specified border and return to the **Design Gallery Menu**. Press ⮌ to exit without saving and return to the **Add Borders** menu.

Cropping images

Crop allows you to crop the displayed image to the selected orientation, then use the **Zoom** lever and ▲▼ ◀▶ to ensure that the image content you want gets saved.

TIP: Make sure you crop images as needed before adding borders.

1. Use ▲▼ to select **Crop**, then press Menu OK.
2. Use ▲▼ to select a crop orientation and preview the effect it has on the image.
   - **Landscape** (Default)—Horizontally crops the displayed image to a 3:2 aspect ratio (one third wider than tall).
   - **Portrait**—Vertically crops the displayed image to a 2:3 aspect ratio (one-third taller than wide).

   Follow the on-camera instructions to use the **Zoom** lever and adjust what appears in the cropped image.
   When you print, the normal aspect ratios get cropped on the top and bottom (landscape) or on the sides (portrait). Cropping helps ensure that the content you want gets printed.
3. Press Menu OK to save a copy of the cropped image and return to the **Design Gallery Menu**. Press ⮌ to exit without saving and return to the **Crop** menu.

6 Transferring and printing images

Regularly transferring images to your computer and deleting them from the memory card will reduce the time it takes to turn on your camera, to review images, and to transfer images. You can transfer pictures and video clips with or without the HP Photosmart Software that came with your camera. However, the HP Photosmart Software has several features for transferring and managing your images and also guides you through the transfer process.

NOTE: Transferring a large number of high-resolution images from a memory card to your computer may take up to two hours. Even if your Image Display turns off during the transfer process or it appears that nothing is happening on the computer, do not disconnect your camera from your computer until your computer indicates that image transfer is complete. When transferring a large number of images, be sure your camera batteries are fully charged or use an optional HP Photosmart dock or memory card reader.

Transferring images with HP Photosmart Software

If you have installed the HP Photosmart Software (see “Install the software” on page 6), use this method to transfer images and video clips to your computer.

When you connect your camera to a computer with the HP Photosmart Software installed:

- If you have tagged images as **Favorites** (see “Tagging images as Favorites” on page 20), the tags are transferred with the images to your computer.
- If you have marked images for printing (see “Marking images for printing” on page 27) and the computer is connected to a printer, the marked images are automatically printed.
- If you have selected images for sharing (see “Sharing images” on page 29) and the computer is connected to the Internet, the selected images are automatically sent to their destinations.
- If you have selected images to buy as prints (see “Buying prints online” on page 29) and the computer is connected to the Internet, you can follow the instructions on the computer screen to buy prints of those images you selected.
- You can transfer the images on the camera to the computer by following the instructions on the computer screen.

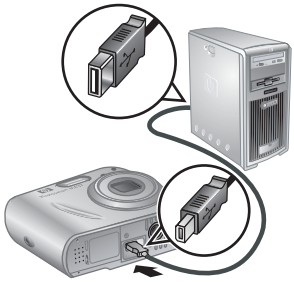
TIP: You can also perform these tasks using an optional HP Photosmart dock (see the dock User Guide).

To transfer images using the HP Photosmart Software:

1. If you have selected images for sharing, printing, or buying prints online (see “Using HP Photosmart Express” on page 27), verify that the computer is connected to a printer and/or the Internet.
2. Turn off the camera.

3. Connect the camera and computer using the USB cable that came with your camera.
4. Turn on the camera and follow the instructions on the computer screen. For more information, see the Help feature in the HP Photosmart Software.

After you have transferred the images, you can then use the HP Photosmart Software to edit, print, or send the images from your computer.



Transferring images without HP Photosmart Software

If you do not install the HP Photosmart Software:

- You cannot use the **Share** features or **Buy Prints Online** on the camera's **Photosmart Express Menu** (see “Using HP Photosmart Express” on page 27).
- Images marked for printing do not automatically print when the camera is connected to the computer.
- **Favorites** tags do not transfer to the computer.

However, you can still transfer images and video clips to your computer by:

- Connecting your camera directly to the computer (see “Connecting to the computer” on page 24)
- Using a memory card reader (see “Using a memory card reader” on page 25)

Connecting to the computer

1. Turn off the camera, connect the camera and computer using the USB cable that came with your camera, then turn on the camera. Your computer's provided image transfer software should start. Follow the on-screen instructions to transfer your images.
2. When you have finished transferring images, disconnect the camera from the computer.

If you encounter problems, set the camera’s **USB Configuration** to **Disk Drive** (see **USB Configuration** under “Using the Camera Setup Menu” on page 31) and reconnect to your computer.

NOTE: On Macintosh computers, if you set the camera to **Disk Drive** and neither Image Capture nor iPhoto starts automatically, look on the desktop for a disk drive labeled with your camera model number and copy the images manually. For more information about how to copy files, visit Mac help.

Using a memory card reader

You can put your camera's optional memory card into a (separately purchased) memory card reader. Some computers and HP Photosmart printers have built-in memory card slots which act as a memory card reader.

1. Insert your camera's memory card into the memory card reader (or into your computer's memory card slot, if your computer has one).
2. Your computer's provided image transfer software starts automatically and guides you through the process of transferring images.
3. After verifying that the images were successfully transferred, return the memory card to your camera.

If no application starts automatically or if you want to copy the images manually, look for the disk drive for the memory card, then copy the images to your local hard drive. For more information about how to copy files, refer to your computer's help.

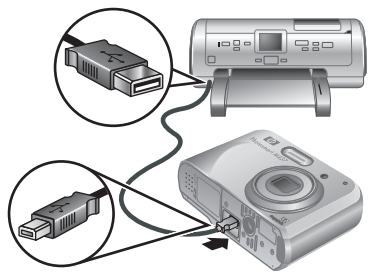
Printing images directly to a printer

You can print images directly from the camera to any PictBridge-certified printer. For information about printing images from your computer, see "Transferring images with HP Photosmart Software" on page 23.

PictBridge

NOTE: You cannot print video clips.

1. Check that the printer is turned on, there is paper in the printer, and there are no printer error messages.
2. Turn off the camera, connect the camera and printer using the USB cable that came with your camera, then turn on the camera.
3. If the **Print marked pictures?** screen is displayed on the camera's Image Display, do one of the following:
   - If you want to print the pictures you marked for printing (see "Marking images for printing" on page 27), highlight **Yes**, press Menu OK, then follow the on-camera instructions to select print options and print the marked pictures.

     NOTE: After the printer prints the marked images, the Image Display on the camera shows an image. You can then select individual images to print by following the remaining steps in this procedure.
   - If you want to select individual images to print, highlight **No**, then press Menu OK.

4. When the Image Display on the camera shows an image:
   - If you want to print one or more images, use ◀▶ to display an image you want to print, use ▲▼ to specify the number of copies, then press Menu OK. In the **Print Options** menu, highlight **Print This Image Now**, and press Menu OK.
   - If you want to print a group of images or modify the printer settings, press Menu OK, highlight **Print Menu...**, then press Menu OK again. Highlight the option you want.
     - **Printer Settings**—Specifies paper size, print size and quality, and borderless printing. Use ▲▼ to select a print option and use ◀▶ to modify the selected print option. When you are done specifying print options, press Menu OK.
     - **Print All**—Prints one copy of each image. Press Menu OK and follow the on-camera instructions to begin printing.
     - **Print Index**—Prints all images as thumbnails. Press Menu OK to begin printing.
     - **Print Favorites**—Prints one copy of each image tagged as a **Favorite**. Press Menu OK to begin printing. This option is available only if you have tagged at least one image as a **Favorite** (see “Tagging images as Favorites” on page 20).
     - **Cancel Printing**—Stops the printing of any images that have not yet printed. Press Menu OK, highlight **Yes**, then press Menu OK.
5. After the printer has printed all the images you selected, disconnect the camera from the printer.

NOTE: If you connect the camera to a non-HP printer and encounter problems with printing, contact your printer manufacturer. HP does not provide customer support for non-HP printers.

7 Using HP Photosmart Express

With **HP Photosmart Express**, you can select pictures in your camera to print automatically (see “Marking images for printing” on page 27), to buy prints online (see “Buying prints online” on page 29), or to send to custom destinations (see “Sharing images” on page 29) the next time you connect the camera to your computer or printer.

You must have the HP Photosmart Software installed on your computer to use some features in the **Photosmart Express Menu**. For information about installing this software, see “Install the software” on page 6.

NOTE: Available online services vary by country or region.

Using the Photosmart Express Menu

To display the **Photosmart Express Menu**:

1. Slide to and press Menu OK.
2. Use ▲▼ to highlight **Photosmart Express...**, then press Menu OK.
3. Use ▲▼ to highlight a menu option, then press Menu OK.

	Print—Allows you to select images and specify number of copies to print. See “Marking images for printing” on page 27.
	Share—Allows you to add custom online destinations and share images to one or more destinations. See “Sharing images” on page 29.
	Buy Prints Online—Specifies images you want printed by an online printing service. See “Buying prints online” on page 29.

NOTE: The features in the **Photosmart Express Menu** are available only for pictures. They are not available for video clips.

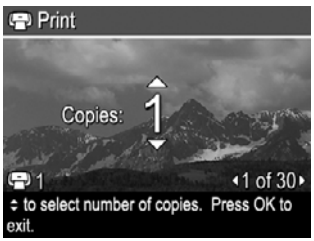
Marking images for printing

Marked images are automatically printed when you connect the camera to a PictBridge-certified printer or a computer with the HP Photosmart Software installed. You can mark

individual images, all images, or groups of images tagged as **Favorites** (see “Tagging images as Favorites” on page 20).

1. While in the **Photosmart Express Menu**, use ▲▼ to highlight **Print**, then press Menu OK.
2. In the **Print** menu, highlight an option, then press Menu OK.

   - **This Image**—Selects the image currently displayed. You can scroll to a different image using ◀▶.
   - **All Favorites...**—Displays the **Print All Favorites** entry. Press Menu OK. This option is available only if you have tagged more than one image as a **Favorite** (see “Tagging images as Favorites” on page 20).
   - **All Images...**—Displays the **Print All Images** entry. Press Menu OK. This option is available only if you have more than one image in the camera.
3. If you want to print more than one copy, highlight **Change Number of Copies**, then press Menu OK. In the **Print** menu for changing the number of copies, use ▲▼ to specify the number of copies to print, then press Menu OK.



4. From the main **Print** menu, you can select additional images for printing, using ◀▶ to display an image, highlighting **This Image** in the **Print** menu, pressing Menu OK, then repeating Step 3.
5. When you are done marking images for printing, hold down ⮌ until the menu disappears.
6. To print the marked images directly to a printer, see “Printing images directly to a printer” on page 25. To print them from a computer connected to a printer, see “Transferring images with HP Photosmart Software” on page 23.

Buying prints online

You can select images you want to order as prints. The next time you connect the camera to a computer with the HP Photosmart Software installed, you can order prints of the selected images online.

1. While in the **Photosmart Express Menu**, use ▲▼ to highlight **Buy Prints Online**, then press Menu OK.
2. In the **Buy Prints Online** menu, highlight an option, then press Menu OK.
   - **This Image**—Selects the image currently displayed. You can scroll to a different image using ◀▶.
   - **All Favorites...**—Displays the **Buy Prints of All Favorites** entry. Press Menu OK, then press ⮌. This option is available only if you have tagged more than one image as a **Favorite** (see "Tagging images as Favorites" on page 20).
   - **All Images...**—Displays the **Buy Prints of All Images** entry. Press Menu OK, then press ⮌. This option is available only if you have more than one image in the camera.
3. To select additional images, use ◀▶ to display an image, press Menu OK, then repeat Step 2.
4. When you are done marking images for which you want to buy prints, hold down ⮌ until the menu disappears.
5. To buy prints of the images you selected, see "Transferring images with HP Photosmart Software" on page 23.

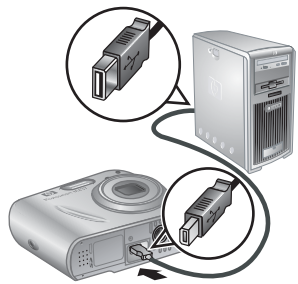
Sharing images

You can customize the **Share** menu to include e-mail addresses, group distribution lists, or other online services. You can then select images to send to these destinations.

Setting up online destinations in the camera

You can specify up to 34 custom destinations (such as individual e-mail addresses or group distribution lists) in the **Photosmart Express Menu**.

1. Verify that your computer is connected to the Internet.
2. While in the **Photosmart Express Menu**, use ▲▼ to highlight **Share**, then press Menu OK. If you have already created destinations, highlight **Share Menu Setup** and press Menu OK again.
3. Connect the camera to your computer. Follow the on-screen instructions to set up destinations in your camera.
4. Turn off the camera and disconnect the camera from the computer. Turn on the camera, access the **Photosmart Express Menu**, then highlight **Share** and press Menu OK to verify that the new destinations are now in the camera.



Sending images to online destinations

After you have set up online destinations in the camera, you can mark images to be sent to these custom destinations the next time you connect your camera to your computer.

1. While in the **Photosmart Express Menu**, use ▲▼ to highlight **Share**, then press Menu OK.
2. In the **Share** menu, highlight an option, then press Menu OK.

   - Custom Destinations—Selects the destination to send the image displayed in the background. There may be multiple destinations depending on the number of them you created (see "Setting up online destinations in the camera" on page 29). You can scroll to a different image using ◀▶.
   - **All Favorites...**—Displays a list of destinations. Highlight each destination to which you want to send all **Favorites**, pressing Menu OK to select each destination. After selecting destinations, press ⮌. This option is available only if you have tagged more than one image as a **Favorite** (see "Tagging images as Favorites" on page 20).
   - **All Images...**—Displays a list of destinations. Highlight each destination to which you want to send all images, pressing Menu OK to select each destination. After selecting destinations, press ⮌. This option is available only if you have more than one image in the camera.
3. To select additional images to share, use ◀▶ to display an image, then repeat Step 2.
4. When you are done marking images to share, hold down ⮌ until the menu disappears.
5. To send the images to the destinations, see "Transferring images with HP Photosmart Software" on page 23.

8 Using the Camera Setup Menu

The **Camera Setup Menu** allows you to set preferences for the camera's behavior. The **Camera Setup Menu** is available from the **Picture Capture**, **Video Record**, and **Playback** menus.

1. While in the **Picture Capture**, **Video Record**, or **Playback** menu, use ▲▼ to highlight **Camera Setup...**, then press Menu OK.
2. Use ▲▼ to highlight a menu option, then press Menu OK to display the menu option's menu.
3. Use ▲▼ to highlight a setting, then press Menu OK.
4. To exit the **Camera Setup Menu**, hold down ⮌ until the menu disappears.

Settings you specify remain until you change them.

	Display Brightness—Adjusts the brightness of the Image Display. • **Low**—For extending battery life. • **Medium** (Default)—For normal viewing conditions. • **High**—For very bright lighting conditions.
	Camera Sounds—Turns the camera sounds (such as button presses and shutter clicks) off and on. **On** (Default), **Off**.
	Date & Time—Sets the date and time. See "Set the date and time" on page 5.
	USB Configuration—Specifies how a computer recognizes the camera. See "Connecting to the computer" on page 24. • **Digital Camera** (Default)—Recognizes the camera as a digital camera using PTP (Picture Transfer Protocol). • **Disk Drive**—Recognizes the camera as a disk drive using MSDC (Mass Storage Device Class).
	(Language)—Sets the language. See "Choose the language" on page 5.

9 Troubleshooting

Use this section to find information on:

- Resetting the camera (see “Resetting the camera” on page 32)
- Possible problems and solutions (see “Problems and solutions” on page 32)

Resetting the camera

If your camera does not respond when you press buttons, reset the camera.

1. Turn off the camera.
2. Remove the memory card and batteries for at least 5 seconds.
3. Reinsert the batteries and close the Battery/Memory Card door.
4. Turn on the camera. On successful reset, you may be prompted to set the date and time (see “Set the date and time” on page 5).
5. Verify that the camera works without an optional memory card, turn off the camera, then reinstall the card.

When the camera is reset, any images or video clips stored in memory are retained.

Problems and solutions

Use this information to find solutions to common issues you may have using your camera.

NOTE: To optimize your digital photography experience, periodically check the Hewlett-Packard Technical Support website (www.hp.com/support) for updates to your camera's software, drivers, and firmware.

How can I get professional-quality prints if I don’t have a photo printer?

Use the **Buy Prints Online** feature on the **Photosmart Express Menu** (see “Buying prints online” on page 29).

The camera does not turn on.

- Install new or recharged batteries, ensuring that the batteries are inserted correctly (see “Install the batteries” on page 4). If you are using rechargeable batteries, ensure they are rechargeable Nickel Metal Hydride (NiMH) batteries.
- Reset the camera (see “Resetting the camera” on page 32).
- Ensure that the memory card is the proper type (see “Storage” on page 43). If so, remove the memory card and turn on the camera; if the camera turns on, format the memory card (see “Install and format an optional memory card” on page 6). If the camera still does not turn on, format the memory card using a memory card reader, or replace the memory card.

I have to recharge the NiMH batteries frequently.

- New batteries or batteries that have not been charged recently must be recharged to reach full capacity.
- If you have not used the batteries for two months or longer, recharge them.
- For tips on conserving battery life, see “Extending battery life” on page 39.

The NiMH batteries will not charge.

- Try charging the batteries again after they have drained awhile.
- If charging the batteries in an optional battery charger does not work, replace the batteries.

It takes the camera a long time to turn on.

Having a large number of files (over 300) stored on an optional memory card affects the time it takes for the camera to turn on. Transfer stored files to your computer, then format the memory card.

The camera does not respond when I press a button.

- Turn on the camera.
- Most of the camera buttons do not respond when the camera is connected to a computer (directly or through an optional dock).
- Replace or recharge the batteries.
- Reset the camera (see “Resetting the camera” on page 32).
- The memory card may be defective. Remove the memory card and test the camera; if the camera works, replace the memory card.
- Format the internal memory and/or the memory card (see “Install and format an optional memory card” on page 6).

The camera does not take a picture when I press the Shutter button.

- Press the **Shutter** button all the way down.
- The memory card or internal memory may be full. Transfer images from the camera to your computer, then format the internal memory or the memory card (see “Install and format an optional memory card” on page 6). Or replace the card with a new one.
- The camera may be processing. Wait a few seconds for the camera to finish processing the last image before taking another picture.

The Image Display is not working.

- The Image Display may have timed out. Press any camera button to wake up the camera.
- Reset the camera (see “Resetting the camera” on page 32).
- Replace or recharge the batteries.

My image is blurry.

- Use **Focus Lock** (see “Using Focus Lock” on page 11).
- Use a tripod to hold the camera steady, or improve lighting conditions.

- Use **Steady Photo** shooting mode (see **Steady Photo** under “Using the Picture Capture and Video Record menus” on page 14).
- Set the flash to **Auto Flash** or **Flash On** and set the shooting mode to **Action**.

My image is too bright.

- Turn the flash off (see “Setting the flash” on page 13).
- Move back from the subject and use zoom.

My image is too dark.

- Wait for natural lighting conditions to improve, use the flash (see “Setting the flash” on page 13), or add indirect lighting.
- If the subject you are trying to capture is outside the flash range (see **Flash working distance** under “Specifications” on page 42), turn off the flash. This causes a longer exposure time, so use a tripod or hold the camera steady.

My image is grainy.

- Add indirect lighting, use the flash (see “Setting the flash” on page 13), or wait for natural lighting conditions to improve.
- Using **Steady Photo** shooting mode can increase graininess.
- You may have zoomed in too far using digital zoom (see “Digital zoom” on page 12).
- If the camera is warm, the effect will diminish as the camera cools. For best image quality, avoid storing the camera in very hot locations.

Images are missing on my camera.

Remove the memory card and see if the images are stored in internal memory. If so, transfer the images to the memory card (see **Move Images to Card** under “Using the Playback Menu” on page 18).

I have two memory cards that are the same size, but one stores many more pictures than the other.

- Your memory card may contain files that are not images or videos recognized by the camera. Save any data on the memory card that you want to keep, then format the memory card (see “Install and format an optional memory card” on page 6).
- If your memory cards are 4GB or larger, the card that stores fewer images may have been improperly formatted by a device that does not support 4GB or larger cards. A new type of High Capacity Secure Digital (marked SDHC) memory card is now available that prevents improper formatting and use by devices not supporting 4GB or larger cards. Try formatting the card in this camera, which supports High Capacity Secure Digital cards.
- Your memory card may be defective. If you have formatted your memory card in the camera and it does not show the expected capacity, consider replacing the memory card.

My camera indicates I can store 4000 images regardless of the Image Quality setting.

When you turn on your camera with a memory card installed, the camera indicates the number of images you can put on the memory card at the current Image Quality setting. This camera supports storing a maximum of 4000 images on a memory card.

It takes a long time to "Delete All" images from my memory card.

Having a large number of images stored on a memory card increases the time the camera takes to delete them. Instead of deleting them, format the memory card (see "Install and format an optional memory card" on page 6).

The Power light is on but the Image Display is off, or the camera seems stuck and won't operate.

- Slide to a different position or press any camera button to reactivate the Image Display.
- Reset the camera (see "Resetting the camera" on page 32).

The camera responds sluggishly when trying to review images.

See "Storage" on page 43 and "Memory capacity" on page 43 for tips about memory cards.

Video recording terminates abruptly. The video is saved successfully, but it is shorter than expected.

Replace your memory card with a faster card. Look for cards marked High Performance, Pro, Ultra, or High Speed.

Video recording terminates abruptly and the video will not play back.

- Remove the memory card and see if the video is stored in internal memory. If so, transfer the video to a memory card (see **Move Images to Card** under "Using the Playback Menu" on page 18) or to your computer (see "Transferring and printing images" on page 23).
- If the video is stored on a memory card, transfer the video to your computer (see "Transferring and printing images" on page 23), then reformat the card (see "Install and format an optional memory card" on page 6).

The camera gets warm (or even hot) to the touch.

This is normal. However, if anything seems out of the ordinary, turn off the camera and allow the camera to cool. Then examine the camera and the batteries for signs of possible damage.

For best image quality, turn off the camera when not using. Always store the camera in a cool place.

My camera stalls when establishing a connection to the computer.

- Your memory card may have a large number of images stored on it. The more images you have on your card, the longer it takes to establish a connection to the computer (up to 5 minutes). If you have a large number of images on the memory card, be sure to allow this additional time to establish the connection.
- Ensure that the USB cable is properly connected to the camera and computer, either directly or via an optional dock.
- Try connecting the USB cable to another USB port on the computer.
- Turn the camera off, then on again. If that does not fix the problem, reset the camera (see “Resetting the camera” on page 32).
- If the problem persists, contact HP Support (see “Product support” on page 38).

I cannot transfer images from the camera to my computer.

- Either install the HP Photosmart Software (see “Install the software” on page 6), or see “Transferring images without HP Photosmart Software” on page 24.
- Set your camera to act as a **Disk Drive** (see **USB Configuration** in “Using the Camera Setup Menu” on page 31), then follow the steps in “Connecting to the computer” on page 24.

I get an error message when transferring images to my computer.

A power surge or electrostatic discharge may have affected the camera. Close the HP Photosmart Software, remove the camera from the optional dock or disconnect the camera from the USB cable and reset the camera (see “Resetting the camera” on page 32). Then, restart the image transfer process (see “Transferring images with HP Photosmart Software” on page 23).

The HP Photosmart Software takes a long time before it is ready to transfer images from my camera.

Having a large number of files stored on an optional memory card affects the amount of time it takes for the HP Photosmart Software to start transferring images. Transfer all images stored on the memory card, then format the card (see “Install and format an optional memory card” on page 6).

I am having a problem installing or using the HP Photosmart Software.

- Make sure your computer meets the minimum system requirements as stated on the camera packaging.
- Refer to the Hewlett-Packard Technical Support website: www.hp.com/support.

Camera error messages

Should you receive one of the following error messages when using your camera, you can look up details about the message by visiting www.hp.com and searching on the specific code.

NOTE: Codes beginning with **M430** apply to the HP Photosmart M437 digital camera. Codes beginning with **M530** apply to the HP Photosmart M537 digital camera.

- **Lens Error (general)**—M430–021, M530–021
- **Lens Error (zoom cannot retract)**—M430–022, M530–022
- **Lens Error (lens cannot extend)**—M430–033, M530–033
- **Lens Error (zoom in failed)**—M430–041, M530–041
- **Lens Error (zoom out failed)**—M430–081, M530–081
- **Unsupported card**—M430–200, M530–200
- **Unable to format card**—M430–202, M530–202
- **Error saving image**—M430–100, M530–100
- **Error saving video**—M430–102, M530–102
- **Batteries Low** (followed by data on battery types and performance)—AA–400 (this error message and its corresponding code is not camera-specific)

10 Product support

Use this section to find support information for your digital camera, including links to helpful websites and an overview of the support process.

Helpful websites

Camera tips, product registration, newsletter subscriptions, driver and software updates, purchase HP supplies and accessories	www.hp.com Under **Learn about:**, click **Digital Photography**
Customers with disabilities	www.hp.com/hpinfo/community/accessibility (English only)
Hewlett-Packard Technical Support; driver, software, and firmware updates; support information	www.hp.com/support
Windows Vista support	www.hp.com/go/windowsvista (English only)

Getting assistance

To get the best from your HP product, consult the following standard HP support offerings:

1. Consult the product documentation.
   - Review “Troubleshooting” on page 32 in this document.
   - Review the electronic Help section within the software.
   - Refer to the camera's Help screens.
2. Visit the Hewlett-Packard Technical Support website at www.hp.com/support, or contact the store where you purchased this camera. The Hewlett-Packard Technical Support website is available to all HP customers. The Hewlett-Packard Technical Support website is the fastest source of up-to-date product information and expert assistance, including:
   - Fast e-mail access to qualified online support specialists.
   - Driver, software, and firmware updates for your camera.
   - Valuable product and troubleshooting information for technical issues.
   - Proactive product updates, support alerts, and HP newsletters (available when you register your camera).
3. HP support by phone. Support options and fees vary by product, country/region, and language. For a list of support conditions and phone numbers, visit www.hp.com/support.
4. Post-warranty period. After the limited warranty period, help is available online at www.hp.com/support.
5. Extending or upgrading your warranty. If you would like to extend or upgrade your camera's warranty, please contact the store where you bought the camera or check the HP Care Pack offers at www.hp.com/support.
6. If you already purchased an HP Care Pack Service, please check the support conditions on your contract.

A Managing batteries

Your camera uses two AA batteries, either Alkaline, Photo Lithium, or rechargeable Nickel Metal Hydride (NiMH). Photo Lithium and NiMH batteries provide longer battery life than Alkaline batteries.

Top points about batteries

- The batteries shipped with your camera are AA Alkaline. These batteries have a short life and are intended to let you begin using your camera immediately. When the camera warns that the battery charge is low (see “Power indicators” on page 40), HP recommends replacing them with Photo Lithium or rechargeable NiMH batteries for longer battery life.
- Fully charge NiMH batteries before using them for the first time.
- The first several times you recharge NiMH batteries, they may not provide the number of shots per charge that you expect. Their performance will improve after the batteries have been charged, then discharged completely four or five times. You can use the camera normally to discharge the batteries during this conditioning period.
- Always insert the batteries in the camera correctly (see “Install the batteries” on page 4). If the batteries are inserted improperly, the compartment door may close but the camera will not operate.
- If you do not intend to use your camera for more than one month, remove the batteries from the camera.
- The performance of all batteries will decrease as the temperature drops. To improve battery performance, store the camera and batteries in a warm inside pocket when in a cold environment. To prevent short-circuiting the batteries, never carry small metal items such as keys or coins in the same pocket with your batteries.

Extending battery life

To conserve battery power, the Image Display turns off after a period of inactivity. Pressing any button wakes up the camera. After five minutes of inactivity, the camera turns off.

To further extend battery life:

- Set **Display Brightness** to **Low** (see **Display Brightness** under “Using the Camera Setup Menu” on page 31).
- Set your camera to **Auto Flash** (see **Auto Flash** under “Setting the flash” on page 13).
- Use optical zoom sparingly.
- Use video recording sparingly.
- Use Image Display sparingly.
- If you are turning on the camera only to view images, slide to , then turn on the camera to start in **Playback** without extending the lens.
- When transferring or printing images, place your camera in an optional HP Photosmart dock connected to AC power.

Safety precautions for using batteries

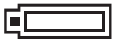
- Always use two identical batteries of the same chemistry, brand, and age.
- Do not place batteries in fire or heat them. Always store charged batteries in a cool location.
- Do not connect the positive and negative terminals of the battery to each other with any metal object.
- Do not carry or store batteries with metal objects. Do not drop batteries into a change-filled pocket.
- Do not pierce batteries or subject them to strong impacts or shocks.
- Do not solder directly onto batteries.
- Do not allow batteries to get wet.

- Do not disassemble or modify batteries.
- Immediately discontinue use of a battery if, while using, charging, or storing the battery, the battery emits an unusual smell, feels excessively hot (note that it is normal for the battery to feel warm), changes color or shape, or appears abnormal in any other way.
- In the event batteries leak and the fluid gets into one's eye, do not rub the eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.

△ **CAUTION:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Power indicators

When the batteries are low or the camera is in a dock connected to AC power, one of the following icons appears in the Image Display. If no battery icon appears in the Image Display, the batteries have sufficient power to function normally.

Icon	Description
	Battery level is low. Camera will soon power down.
 **Blinking**	Battery is depleted. Camera will power down.
	Camera is operating on AC power.

NOTE: If the camera is without batteries for a prolonged period, the clock may be reset and you may be prompted to update it the next time you power on the camera.

Number of shots per battery type

The following table shows the low, high, and average number of shots that may be obtained using Alkaline, Photo Lithium, and rechargeable NiMH batteries, based on standard HP testing. Actual performance may vary based on usage, battery type, and battery manufacturer.

Number of Shots (M437/M537)				
Battery Type	**Low**	**High**	**Average**	**CIPA**
Alkaline	160/80	320/250	240/183	180/80
NiMH	260/220	420/380	380/300	280/230
Photo Lithium	420/388	750/600	540/500	480/400

For Low, High, and Average numbers, four pictures are taken per session with at least a 5 minute break between sessions. In addition:

- The Low value is obtained with extensive use of **Picture Capture** (30 seconds per picture), **Playback** (15 seconds per picture), and **Flash On**. Optical zoom (both directions) is used on 75% of the shots.
- The High value is obtained with minimal use of **Picture Capture** (10 seconds per picture) and **Playback** (4 seconds per picture). Flash and optical zoom (both directions) are used on 25% of the shots.

- The Average value is obtained with **Picture Capture** used for 15 seconds per picture and **Playback** used for 8 seconds per picture. Flash and optical zoom (both directions) are used on 50% of the shots.
- The CIPA number is obtained using the standards established by the Camera and Imaging Products Association.

Battery performance

The following table shows how Alkaline, Photo Lithium, and rechargeable NiMH batteries perform in different types of use scenarios:

Type of Use	Alkaline	Photo Lithium	NiMH
Most economical if you take more than 30 pictures per month	Poor	Fair	Good
Most economical if you take fewer than 30 pictures per month	Fair	Good	Fair
Heavy use of flash, frequent pictures	Poor	Good	Good
Heavy use of video	Poor	Good	Good
Heavy use of Image Display	Poor	Good	Good
Overall battery life	Poor	Good	Fair
Low temperature/winter use	Poor	Good	Fair
Infrequent use (without dock)	Fair	Good	Fair
Infrequent use (with dock)	Fair	Good	Good
Want to recharge battery	No	No	Good

Recharging NiMH batteries

You can recharge optional NiMH batteries with an optional HP quick recharger or with an optional HP Photosmart dock. For information about recharging NiMH batteries, as well as safety precautions when recharging, see the documentation that came with your HP quick recharger or HP Photosmart dock.

B Specifications

Resolution	Pictures, M537: • 6.09MP (2864 by 2128) effective pixel count • 6.37MP (2934 by 2171) total pixel count Pictures, M437: • 5.0MP (2576 by 1920) effective pixel count • 5.01 MP (2592 by 1936) total pixel count Video clips (QVGA): 320 by 240 total pixel count, 30 frames/sec
Sensor	Diagonal 7.26 mm (1/2.5-inch, 4:3 format) CCD
Color depth	36 bit (12 bits by 3 colors). 36 bit images are transformed into an optimized 24 bit image and stored in the JPEG format. This transformation results in no discernible change to color or detail in the stored image, and allows the image to be read by computers.
Lens	Focal length: • Wide—5.4 mm • Telephoto—16.2 mm • 35 mm equivalent—32 mm to 96 mm F-Number: • Wide—f/2.8 to f/8 • Telephoto—f/4.8 to f/7.6
Viewfinder	None
Zoom	• M537: 3x optical zoom, 6x digital zoom • M437: 3x optical zoom, 5x digital zoom
Focus	Normal: • Wide—300 mm (11.8 in) to infinity • Telephoto—350 mm (13.8 in) to infinity Close-up: Wide—50 mm to 300 mm (1.96 in to 11.8 in)
Shutter speed	1/1000 to 2 seconds
Built-in flash	Yes, 6-second typical recharge time (8-second maximum recharge time at power-on)
Flash working range	**M537:** • Zoom Position Wide—3.1 m (10.2 ft) • Zoom Position Telephoto—1.8 m (5.9 ft) **M437:** • Zoom Position Wide—3.2 m (10.5 ft) • Zoom Position Telephoto—1.86 m (6.1 ft)
Image Display	• M537: 6.35 cm (2.5 in) color LTPS TFT LCD with backlight, 153,600 pixels (640 by 240) total pixel count • M437: 5.08 cm (2.0 in) color LTPS TFT LCD with backlight, 153,600 pixels (640 by 240) total pixel count

(continued)

Storage	• 16MB internal flash memory. • Slot for memory card. • This camera supports standard, high speed and high capacity Secure Digital (SD and SDHC) memory cards, 32MB to 8GB. • This camera supports storing a maximum of 4000 images on a memory card. • The number of images or video clips that can be saved in memory depends on the Image Quality settings (see “Memory capacity” on page 43).
Compression format	• JPEG (EXIF) for pictures • Motion JPEG for video clips
Interfaces	USB mini-B
Standards	• USB—PTP and MSDC • JPEG • Motion JPEG • DPOF • EXIF • DCF • DPS
External body dimensions	Measurements with camera off and lens retracted (width, depth, height): • M537: 96.16 mm (W) by 25.8 mm (D) by 62.2 mm (H) (3.78 in by 1.01 in by 2.44 in) • M437: 96.16 mm (W) by 26.2 mm (D) by 62.2 mm (H) (3.78 in by 1.41 in by 2.44 in)
Weight	128.5 grams (4.53 ounces) without battery
Power	Power source: two AA batteries (Alkaline, Photo Lithium, or rechargeable NiMH)
Temperature range	Operational: 0° to 50° C (32° to 122° F) at 15% to 85% relative humidity Storage: –30° to 65° C (–22° to 149° F) at 15% to 90% relative humidity

Memory capacity

Not all 16MB of internal memory is available for storing images, because some memory is used for internal camera operations. The actual file sizes and number of images that can be stored in internal memory or on a memory card will vary depending on the content of each image, or length of each video clip and associated audio clip.

Image quality

The following tables list the approximate number and average size of still images that can be stored in internal memory when the camera is set to different **Image Quality** settings (see **Image Quality** under “Using the Picture Capture and Video Record menus” on page 14).

M537

6MP Best	9 images (1.15MB each)
Normal (6MP)	22 images (493KB each)
4MP	33 images (324KB each)

(continued)

2MP	68 images (156KB each)
QVGA	429 images (25 KB each)

M437

5MP Best	11 images (.94MB each)
Normal (5MP)	27 images (402KB each)
3MP	42 images (256KB each)
1MP	88 images (124KB each)
QVGA	203 images (54KB each)

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Geräuschemission
LpA < 70 dB
Am Arbeitsplatz
Normaler Betrieb
nach DIN 45635 T. 19

FCC statement

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For further information, contact:

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

HP Photosmart M437/M537 Digital Camera Declaration of Conformity (European Economic Area)

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

Supplier's name:	Hewlett-Packard Company Digital Photography and Entertainment Division

declares that the product:

Product name	HP Photosmart M437/M537series Digital Cameras
Product number(s):	L2443A/L2449A
Regulatory model:	SNPRB-0701
Product options:	HP Photosmart 2200 Camera Dock (product number Q6262A, Regulatory Model SDCAB-0703) .

Conforms to the following Product Specifications:

Safety	IEC/EN 60950-1:2001 IEC/EN 60825-1:1994+A1:2002+A2:2001 Class 1 LED
Electromagnetic compatibility (EMC)	EN 55022:1998+A1:2000+A2:2003, Class B IEC/EN 61000-3-2:2000 IEC/EN 61000-3-3:1995 + A1:2001 EN 55024:1998+A1:2001+A2:2003

Supplementary information:

The product herewith complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC and carries the CE marking accordingly.

Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.