PictureMate®
personal photo lab

Using PictureMate

Without a Computer

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Welcome!

PictureMate® Deluxe Viewer Edition is your easy-to-use, personal photo lab. Just insert a digital camera memory card and you're ready to print brilliant, long-lasting photos. Because PictureMate is light and portable, you can print whenever and wherever you take pictures. Plus, your PictureMate photos are archival; generations from now your PictureMate prints will be as vibrant as they are today.

A Quick Introduction to the Digital Photography Process

With film cameras, the process was simple; buy film, take pictures, leave the film at the photo lab, and come back later for your photos and negatives. Since you had negatives, you could take them back later if you wanted reprints.

The digital process is simple too, and it gives you complete control. Just follow the basic steps shown on the right.

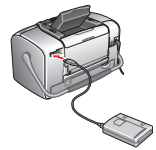
1. Review and Delete

After you finish taking your photos, review them on your digital camera's screen. Delete the photos you don't want.

2. Print

Insert your camera's memory card in PictureMate, choose your photos, and print.

3. Save



To preserve your digital photo files (just like film negatives), save them to a CD, flash drive, or your computer. Then you can reprint them any time.

4. Clear the Memory Card

After you save your photo files, use your camera to delete them from your memory card so you have space for more photos.

Special Features

Printing with your PictureMate becomes even easier with these special features:

Photo selection menu

From the PictureMate photo selection menu, you can print all your photos by simply pressing the **Print** button. Or you can select just the ones you want. (See page 10.)

Crop

You can crop photos right from PictureMate—no computer required. (See page 17.)

DPOF

If your camera supports DPOF (Digital Print Order Format), you can pre-select which photos to print while the memory card is still in your camera. Then, when you insert the card into PictureMate, it knows which photos you chose; just press **OK**, and then **Print**. (See page 16.)

You can add Disney® character frames to your photos and see them on the PictureMate screen before you print. (See page 14.)

PictBridge

If you have a PictBridge®- or USB DP (USB Direct Print)-enabled camera, you can connect the camera to PictureMate and control printing right from your camera. (See page 31.)

If you have a Bluetooth®-enabled PDA, cell phone, or computer, you can send photos wirelessly to PictureMate for printing. You just need the optional Epson® Bluetooth Photo Print Adapter. (See page 32.)

If you want to print outdoors or in other places without convenient electrical outlets, you can buy the optional PictureMate battery. (See page 40.)

Note: PictureMate also supports P.I.M. (PRINT Image Matching™) and Exif Print image enhancement standards that are built into many cameras. To see if your camera is P.I.M.-enabled, check www.printimagematching.com or see your camera manual.

JPEG TIFF

Supported Photo Formats

Make sure your photos meet these requirements for printing with your PictureMate (without a computer):

- JPEG files or uncompressed TIFF files only
- Resolutions ranging from 80 × 80 to 4600 × 4600 pixels

PictureMate recognizes and prints the first 999 photos on your memory card.

Where to Find Information

See your ***Start Here*** poster to unpack, set up, and use your PictureMate.

Using PictureMate Without a Computer (this book) explains how to print photos directly from your memory card. It also covers how to print from other devices, replace the Photo Cartridge, and solve problems.

To use PictureMate with your Macintosh® or Windows® PC, see ***Using PictureMate With a Computer***. It explains how to install the software and connect to your computer.

The on-screen ***User's Guide*** on the CD provides comprehensive information and instructions for using PictureMate.

Where to Get Ink and Paper

See page 34 for information on where to buy the PictureMate Print Pack.

Where to Get PictureMate Accessories

To order the optional battery, carrying case, and other accessories, check your PictureMate retailer or go to www.MyPictureMate.com. See page 40 for more information about the battery.

Prepare to Print

Before you can print, you need to load paper and insert your memory card in PictureMate.

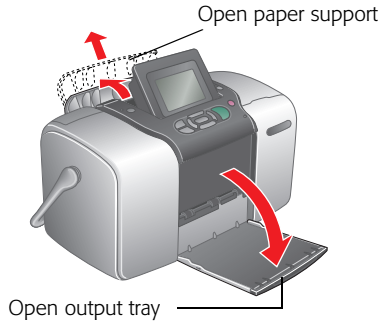
Loading Paper

Follow these steps to load PictureMate Photo Paper:

Caution: Don't load plain paper; this may damage PictureMate.

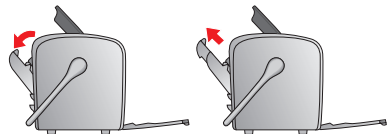
1 Move the handle to the back and down. Then tilt up the photo viewer screen.

2 Open the paper support and output tray.

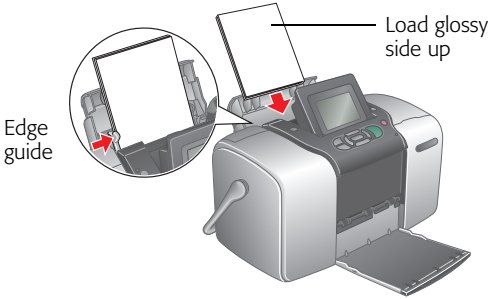


Note: Keep the handle all the way down when printing, to allow paper to feed through.

3 Slide the top part of the paper support up gently until it clicks into place.



4 Place your paper against the right edge, with the glossy side up.



Note: Make sure paper is glossy side up to prevent smearing.

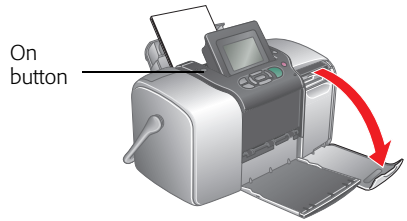
5 **Slide the left edge guide against the paper. Make sure it is snug, but not so tight that paper can't move.**

Note: When you need more paper, order a PictureMate Print Pack. See page 34 for more information.

Inserting Your Memory Card

1 Press the ⏻ **On** button to turn on PictureMate.

2 Open the memory card door.

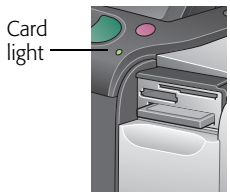


3 Insert the memory card into the correct slot, as shown on page 7.

Push the card in carefully until it stops (it won't go in all the way).

Insert just one card at a time.

When it is in, the card light comes on.



4 Close the memory card door.

Top:

SmartMedia™

xD Picture Card™
xD Picture Card Type M

Middle:

Sony Memory Stick®
Memory Stick Duo™*
Memory Stick PRO™
Memory Stick PRO Duo™*
MagicGate™ Memory Stick
MagicGate Memory Stick Duo™

SD (Secure Digital)
miniSD™ card **
MMC™ (MultiMediaCard™)

* Requires Memory Stick Duo adapter
** Requires miniSD adapter

Bottom:

Microdrive™
CompactFlash® (Type I + II)

Now you are ready to choose your photos and start printing (see page 9).

Removing Your Memory Card

When you are ready to remove a memory card, make sure the card light is not flashing, then pull the card straight out of the slot.

Caution: Do not remove a card while the card light is flashing; you may lose photos on your card.

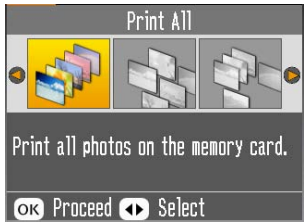
Saving Power

If you are not using PictureMate, the screen goes dark after 13 minutes. Press any button to turn it back on.

If you are running PictureMate with the optional battery, the printer turns off automatically after 15 minutes if it is not being used. Press the ⏻ **On** button to turn it back on.

Choose Photos to Print

PictureMate's photo viewer screen makes it easy to select the photos you want to print.



You can choose from the following options for selecting photos:

- Print all the photos on your card (see page 9)
- Select individual photos to print (see page 10)
- Select a range of photos to print (see page 11)
- Print photos taken on specific dates (see page 13)
- Print photos with fun Disney character frames (see page 14)
- View a slideshow of all your photos (see page 15)

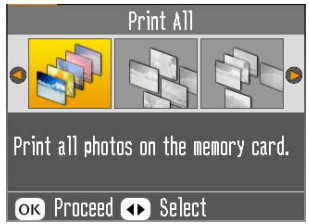
If your camera supports DPOF (Digital Print Order Format), you can use it to pre-select which photos and how many copies you want to print. PictureMate will read the information on the card and automatically print the selected photos. See page 16 for more information.

By pressing the **Menu** button, you can choose from a variety of layouts, add the time or date, fix photos that are too light or dark, and control many other aspects of printing. You can also use the and buttons to crop your photos. See the section beginning on page 17 for more information about these features.

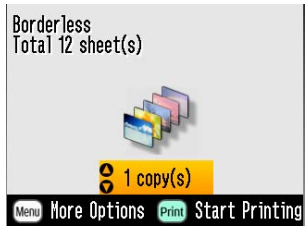
Note: When you press the **Print** button, PictureMate shows you a screen confirming the number of copies and layout. If you don't want to see the print confirmation each time you print, you can turn it off. See page 45 for instructions.

Printing All Photos

When you turn on PictureMate, you see the photo selection menu on the photo viewer screen. The red or orange bar at the top of the screen indicates the currently selected option.



1 Make sure **Print All** is highlighted, then press **OK**.



2 If you want more than 1 copy of each picture, press the △ or ▽ button to select the number of copies.

You can also press the **Menu** button to adjust settings if necessary. See page 17 for more information.

3 Press the **Print** button. You see the Print Confirmation:

You can press ◁ or ▷ to review your photos. If you change your mind, press the **Back** button.

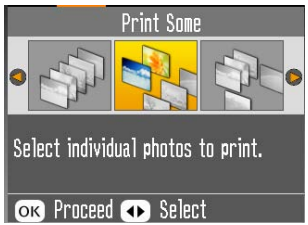
4 Make sure you have enough paper loaded, then press **Print** again to start printing.

Note: If your card has more than 20 photos, you will need to reload paper while printing. Load a maximum of 20 sheets at a time. When you see a message that paper is out, load more paper and press **OK** to continue printing. If you need to cancel printing, press **Cancel**.

Printing Individual Photos

You can easily view the photos on your memory card and select just the ones you want to print.

1 At the photo selection menu, press the ◁ or ▷ button to highlight **Print Some**.



2 Press the **OK** button.

You see the first photo on your memory card:

3 Press ◁ or ▷ to view the photos you want to print.

Note: To view 9 photos at a time, press the 🔍 button. Then press ◁ or ▷ to select the photos you want.

4 When you see a photo that you want, press △ or ▽ to choose the number of copies to print.

You see a blue box around your photo.

The blue box indicates the area that will print. If you want to adjust this area, press the 🔍 button. Then press △ or ▽ to move the box. Press **OK**, then press **OK** again.

If you want to adjust the brightness, saturation, or sharpness of the photo, press the **Menu** button. See page 23 for more information.

5 Repeat steps 3 and 4 for all the photos you want to print.

You can press the **Menu** button to adjust settings for all selected photos. See page 17 for more information.

6 Press the **Print** button. You see the Print Confirmation:

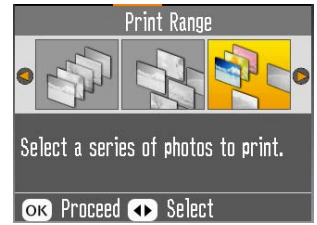
You can press ◁ or ▷ to review the photo or photos you have selected. If you change your mind, press **Back**.

7 Make sure you have enough paper loaded, then press **Print** again to start printing.

Printing a Range of Photos

You can choose a range (or sequence) of consecutive photos from your camera's memory card (for example, photos 7 through 12).

1 At the photo selection menu, press the ◁ or ▷ button to highlight **Print Range.**

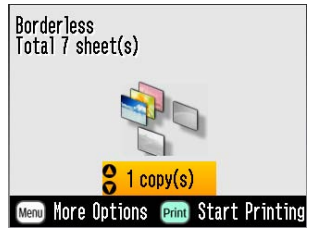


2 Press the **OK** button. You see small thumbnail images of your photos:

3 Press ◁ or ▷ to choose the first photo you want to print. Then press **OK**. The photo outline changes from orange to blue.

4 Press ◁ or ▷ to choose the last photo you want to print. All your selected photos have blue outlines.

5 Make sure the photos you want to print are outlined in blue, then press **OK**.



6 Press △ or ▽ to select the number of copies you want for each photo.

Note: The number you select will apply to all photos in the range.

If you want to adjust any settings, press the **Menu** button. See page 17 for more information.

7 Press the **Print** button. You see the Print Confirmation.

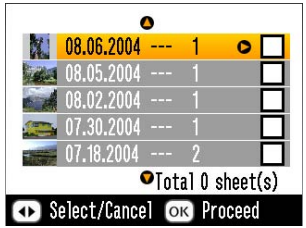
8 Make sure you have enough paper loaded, then press **Print** again to start printing.

Printing Photos by Date

You can print photos taken on specific dates. If you have a lot of photos on your memory card, this makes it easier to find the ones you want.

1 At the photo selection menu, press the ◁ or ▷ button to highlight **Print by Date.**

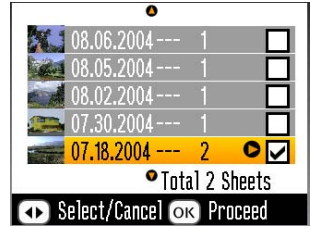
2 Press the **OK** button. You see a list of dates:



You see one of the photos taken on each date next to the date.

3 Press △ or ▽ to highlight the date you want, then press ▷ to select the date.

A checkmark appears in the box for the date you selected. If you want to cancel your selection, press ◁.



4 After you have selected all the dates you want, press **OK.**

5 Press ◁ or ▷ to view the photos taken on the date or dates you selected.

6 Press △ or ▽ to select the number of copies.

If you want to adjust any other settings, press the **Menu** button. Any settings you change will apply to all the photos you have selected (except the

number of copies). See page 17 for more information.

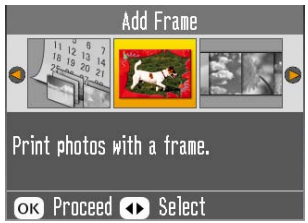
7 Press the **Print** button. You see the Print Confirmation.

8 Make sure you have enough paper loaded, then press **Print** again to start printing.

Adding Fun Disney Frames to Your Photos

PictureMate includes 15 different Disney character frames and two classic frames to choose from.

1 At the photo selection menu, press the ◁ or ▷ button to highlight **Add Frame**.



2 Press the **OK** button. You see the first photo on your memory card.

Note: All frames are designed to work with horizontal or "landscape" oriented photos.

3 Press ◁ or ▷ to select the photo you want to print in a frame. Then press **OK**. You see the first Disney frame:

4 Press ◁ or ▷ to select the frame you want to use.

Tip: To view 6 frames at a time, press the 🔍 button. Then press ◁ or ▷ to select the one you want.

5 Press the **OK** button.

You see your photo in the frame you selected.

- If you want to select a different frame, press **Back** and repeat step 3.
- If your photo doesn't quite fit in the frame, you can crop it and adjust the picture area. Press **Back** twice, then press the ⊕ button and follow the instructions on page 18.

6 Press △ or ▽ to select the number of copies.

If you want to fix your photo or change it to black and white or sepia, press the **Menu** button. See page 20 or 23 for more information.

7 Press the **Print** button. You see the Print Confirmation.

8 Make sure you have enough paper loaded, then press **Print** again to start printing.

Viewing a Slideshow of Your Photos

You can have PictureMate display all the photos on your card one by one.

1 At the photo selection menu, press the ◁ or ▷ button to highlight **Play Slideshow**.

2 Press the **OK** button. After a few moments, the slideshow begins.

PictureMate displays all the photos on your memory card, then returns to the photo selection menu.

- If you want to pause the slideshow at any time, press **OK**. Press **OK** again to continue.
- If you want to stop the slideshow, press **Back** or **Cancel**.

Printing Camera-Selected DPOF Photos

If your camera supports DPOF (Digital Print Order Format), you can use it to pre-select which photos and how many copies you want to print.

See your camera's manual to choose photos for printing with DPOF, then insert your memory card in PictureMate. PictureMate automatically reads your pre-selected photos and displays this message:

Photos were pre-selected with DPOF in your camera. Do you want to print these photos?

1. Press the **OK** button. You see a message telling you how many sheets of paper you need.
2. If you want to change any settings, press the **Menu** button. Any settings you select will apply to all the photos. See page 17 for more information.
3. Make sure you have enough paper loaded, then press the **Print** button to print your pre-selected photos.

Storing and Displaying Your PictureMate Prints

Photos printed on PictureMate Photo Paper are beautiful, long-lasting images. Follow these guidelines to make sure they will look great for generations.

Storing Your Prints

- To avoid scratches or smudging, do not rub the printed side of the photo.
- If you stack photos, do not stack them with the printed sides touching each other.

Displaying Your Prints

- Let prints sit for 24 hours before framing.
- To ensure prints will last as long as possible, display them under glass or in photo albums.
- Keep prints out of the sun to help prevent fading.

Storing Unused Paper

Return unused paper to the original package. Store paper away from extreme temperatures, high humidity, and bright light.

By pressing the **Menu** button, you can choose from a variety of layouts, add the time or date, print in black and white or sepia, and fix photos that are too light or dark.

You can use the ⊕ button to crop your photos or zoom in for a closer look. You can use the ⊖ button to zoom out.

Note: The features described in this section do not change or replace the original digital photo file; they customize only the print(s) you make at that time.

Getting Help

If you need help with cropping, adjusting colors, or other PictureMate actions, you can get instructions right on the photo viewer screen.

1. Press the **Menu** button.
2. Press the △ or ▽ button to highlight **Help**, then press the ▷ button to open the menu.
3. Press △ or ▽ to highlight the topic you need help with, then press ▷ to see the instructions.

Cropping

You can print just part of a photo, cropping out the area that you don't want. Cropping is available when you select individual photos (Print Some), print by date, or print photos with frames.

1. Select the photo you want to crop or zoom in, and make sure it is displayed on the screen.
2. Press the ⊕ button.

   You see an orange box around the photo:

   This indicates the area that will print; the area outside the box will be cropped out.

Note: You can use the arrow buttons to move the box up or down and select the exact portion of your image that will be printed.

3 Set the area you want to print (or view) as follows:

- Press the ⊕ button to zoom in and crop out more of the photo.
- Press the ⊖ button to zoom out and crop less of the photo.
- Press △, ▽, ◁, or ▷ to move the orange box to a different part of your photo.
- Press the **Menu** button to rotate the box and select a vertical cropping area. To rotate the box again, press **Menu** again.

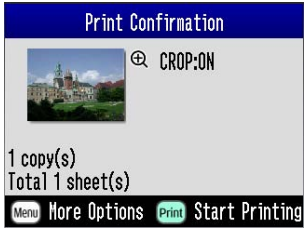
4 Press the **OK** button. You see a close-up view of the area you selected:

5 If you are ready to print, press **OK**. You see your photo with the zoom setting you selected.

Zoom setting

6 Press △ or ▽ to select the number of copies you want to print.

7 Adjust any other settings you want, then press the **Print** button. You see the Print Confirmation.



8 Make sure you have enough paper loaded, then press **Print** again to start printing.

Choosing a Layout

By default, your photos are printed at the full 4 x 6 size, without borders. If you want to print pictures with white borders or place several small photos on one sheet of paper, you can use the Layout menu.

Note: When you print without borders, your images are automatically expanded and cropped around the edges. This may cause part of your image to be cut off. You can control the amount of expansion and cropping; see page 44 for instructions.

1 After selecting the photo(s) and number of copies you want, press the **Menu** button.

2 Press the △ or ▽ button to highlight **Layout**, then press the ▷ button to open the menu.

3 Press △ or ▽ to highlight the layout setting you want for your photo(s), then press **OK**.

You have six choices:

- Borderless
- Border
- Wallets (2 per sheet)
- Proofsheet
- Half Page
- Mini Wallets (4 per sheet)

Note: For the fastest printing, select **Border**.

To print two or more photos on one sheet, select multiple copies or multiple photos.

For example, if you want 3 mini wallet photos of one image and 4 of another, select 3 copies for photo A and 4 copies for photo B. Then choose **Mini Wallets** as the layout setting.

Your photos will be printed on 2 sheets of paper as shown:

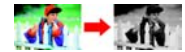
4 Press **OK** again. You see your photo (or one of your photos) labeled with the setting you chose.

You can use the △ or ▽ button to change the number of copies you want to print.

5 Press the **Print** button. You see the Print Confirmation showing your layout:

Note: If you are printing portrait-oriented photos, they may appear to be rotated, but they will print correctly.

6 Make sure you have enough paper loaded, then press **Print** again to start printing.



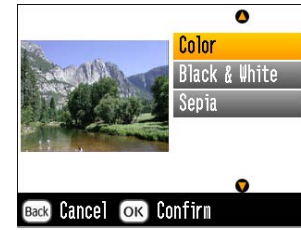
Printing Photos in Black and White or Sepia

You can print your photo in black and white or in a sepia tone even when the original is in color. Your image itself is not changed.

Note: A sepia print has a brownish tone, for an old-fashioned photo look.

1 After selecting the photo(s) and number of copies you want, press the **Menu** button.

2 Press the △ or ▽ button to highlight **Color Effects**, then press the ▷ button to open the menu. You see your photo next to the menu:

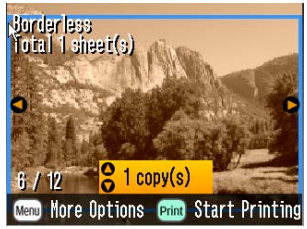


3 Press △ or ▽ to select **Black & White** or **Sepia**, then press **OK**.

The color effect you select will be applied to all photos in the current print job. When you no longer want to use it, you need to go back to the Color Effects menu and select a different setting.

4 Press **OK** again to close the menu.

You see your photo with the color effect you selected:



You can change the number of copies or press the **Menu** button to change additional settings.

5 Press the **Print** button. You see the Print Confirmation.

6 Make sure you have enough paper loaded, then press **Print** again to start printing.

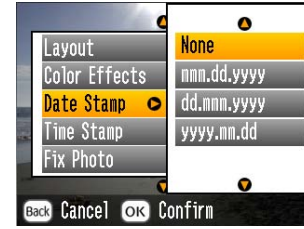
Adding the Date and/or Time

You can add the date and/or time your photo was originally taken to the bottom right corner of your print.

Note: The date and time come from your camera, not from the printer. If this information is incorrect, adjust the time and/or date setting on your camera.

1 After selecting the photo(s) and number of copies you want, press the **Menu** button.

2 To print the date, press △ or ▽ to highlight **Date Stamp**, then press ▷ to open the menu.



3 Press △ or ▽ to choose one of the following settings:

- **mmm.dd.yyyy** (Sep.01.2005)
- **dd.mmm.yyyy** (01.Sep.2005)
- **yyyy.mm.dd** (2005.09.01)

4 Press **OK**.

5 To print the time, press ▽ to highlight **Time Stamp**, then press ▷ to open the menu.

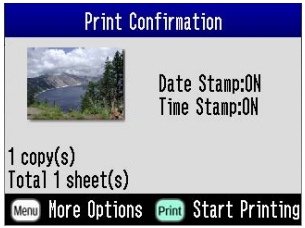
6 Press △ or ▽ to choose one of the following settings:

- **12-hour system** (03:00 for 3 pm)
- **24-hour system** (15:00 for 3 pm)

7 Press **OK**.

8 If you don't need to change any other settings, press **OK** again. You see your photo and number of copies.

9 Press the **Print** button. You see the Print Confirmation showing the settings you selected:



10 Make sure you have enough paper loaded, then press **Print** again to start printing.

Fixing Photos

PictureMate lets you correct the color and improve the image quality of your photos without using a computer. Two types of adjustments are available:

- Automatic adjustments

  If your camera supports PRINT Image Matching (P.I.M.) or Exif Print, the printer's **P.I.M./Exif** setting automatically adjusts your photos for the best results.

  The Enhance setting improves your photos' colors and increases contrast and sharpness. It may correct images that are too dark, too light, or backlit.

- Manual adjustments

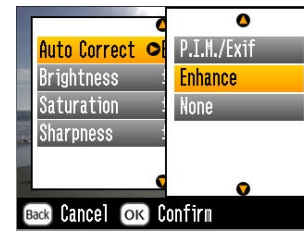
  If your photos are too light or too dark, you can manually adjust their brightness or control the saturation and sharpness.

  If you want, you can make manual adjustments while **P.I.M./Exif** or **Enhance** are turned on in order to fine-tune your automatic settings.

Note: These settings affect only your printed pictures. They do not change your original image files.

Automatically Fixing Your Photos

1. After selecting the photo(s) and number of copies you want, press the **Menu** button.
2. Press the △ or ▽ button to highlight **Fix Photo,** then press the ▷ button.
3. Make sure **Auto Correct** is highlighted, then press ▷. You see the Auto Correct menu:



4 Press △ or ▽ to choose one of the options:

- **P.I.M./Exif:** This information helps ensure an accurate image reproduction for files that include P.I.M. or Exif Print data.
- **Enhance:** This setting improves your photos' colors and increases contrast and sharpness. It may correct images that are too dark, too bright, or backlit.
- **None:** Prints photos as is or bypasses P.I.M. or Exif Print data. Select this setting for the fastest printing.

Note: The setting you select will remain in effect and apply to all photos when you use the current photo selection option (Print Some, Print All, and so on).

5 Press the **OK** button, then press **OK** again to exit Fix Photo.

6 If you don't need to change any other settings, press **OK** to exit the menu.

7 Press the **Print** button. You see the Print Confirmation.

8 Make sure you have enough paper loaded, then press **Print** again to start printing.

Manually Fixing Your Photos

Manual corrections apply only to individual photos. You can select different settings for each photo in a print job.

1 After selecting the photo and number of copies you want, press the **Menu** button.

2 Press △ or ▽ to highlight **Fix Photo,** then press ▷.

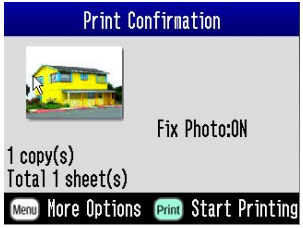
3 Select **Brightness**, **Saturation**, or **Sharpness**, then press ▷. You see your photo next to the menu:

4 Press △ or ▽ to increase or decrease the setting. You can see the changes on your photo.

5 When the photo looks good, press **OK**.

6 Repeat steps 3 and 4 for the other settings if necessary. Press **OK** again to close the menu. You see your photo with your chosen settings applied.

7 Press the **Print** button. You see the Print Confirmation:



8 Make sure you have enough paper loaded, then press **Print** again to start printing.

Save Your Photos to a Computer or an External Device

You can save photo files on your memory card to a computer when you connect it to PictureMate with a USB cable. You can also save photos to an external device that you connect directly to PictureMate.

Note: Even if you have the optional battery, you still need to connect the AC adapter when transferring files.

Saving Photos to a Computer

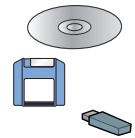
You can connect PictureMate to your computer and view, copy, or print files on the memory card as if it were a drive on your computer. You can even copy files from your computer to the memory card.

See *Using PictureMate With a Computer* for setup instructions and the on-screen *User's Guide* to save your photos.

Saving Photos to an External Device

You can connect a USB external storage device directly to PictureMate and save your photo files to one of these:

- CD-R/RW drive (CD-R media only)
- Iomega® Zip® disk (100, 250, or 750MB)
- Flash memory (thumb) drive



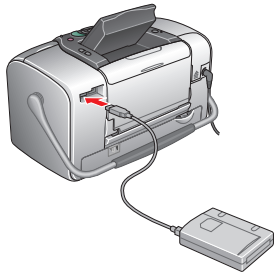
Note: Epson cannot guarantee the compatibility of any drives. If you're not sure about a drive, check **www.mypicturemate.com/support** for a list of compatible drives.

1. Make sure PictureMate is on and not connected to your computer.
2. Insert your memory card into PictureMate.

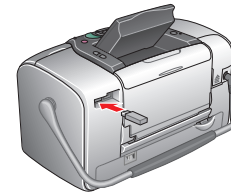
3 If you are using a CD-R/RW drive or Zip drive, plug it into an electrical outlet if required.

4 Connect the drive to PictureMate:

- For a CD-R/RW or Zip drive, connect its USB cable to the **EXT/IF** port on the back of PictureMate. Then insert a CD-R or Zip disk in the drive.



- For a flash memory drive, plug it into the **EXT/IF** port on the back of PictureMate.



Note: If you insert a blank CD-R in the drive before inserting a memory card in PictureMate, you may see an error message. Eject the CD-R from the drive to clear the error, insert your memory card, then re-insert the CD-R.

5 Press the **Menu** button.

6 Press △ or ▽ to highlight **Setup**, then press ▷ to open the menu.

7 Select **Back Up**. You see this message:

8 Press **OK** to start saving your photos.

Note: PictureMate checks to make sure there is enough free space for your photos. If not, insert a new CD-R or Zip disk, clear off space, or connect a flash memory drive with more free space.

When your photos are saved, you see a message that the backup is complete.

Caution: Don't remove the drive or memory card while the photos are being saved, or you may lose photos on your card or drive. If you need to stop the backup, press the **Cancel** button.

You can save photos multiple times to the same disk or drive until it is full.

Each time you save photos on the same disk or drive, they are saved in a new folder. The first folder is named **001**, the second folder is named **002**, and so on. If you save on a CD-R, PictureMate names the CD-R **Photo**.

Print From a Computer or an External Device

PictureMate can print photos stored on a computer or on another device such as an external hard drive, a Bluetooth-enabled device, or a digital camera.

Printing From a Computer

You can connect PictureMate directly to your computer with a USB cable, then print photos that are stored on your computer.

See *Using PictureMate With a Computer* and the on-screen *User's Guide* for details.

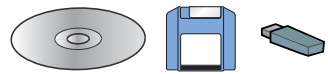
Tip: When you connect PictureMate to your computer, you can insert your memory card in PictureMate and the computer sees the memory card as if it were a hard drive. You can save your photos directly to your computer from the memory card. See the *User's Guide* on your computer for details.

Printing From an External Device

PictureMate can print stored photos:

- From a data storage device, such as a CD, Zip disk, or flash memory (thumb) drive (see below)
- From a PictBridge- or USB DP-enabled digital camera (see page 31)
- From a Bluetooth-enabled device (requires an optional Bluetooth Photo Print adapter; see page 32)

Printing From an External Drive to PictureMate



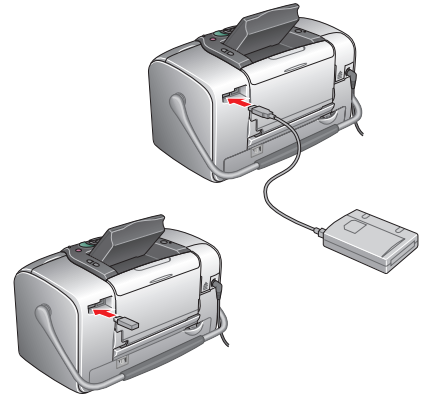
If you saved your photos to a CD, Zip disk, or flash memory (thumb) drive, you can connect the drive to the back of PictureMate and print just like you do when you insert a memory card.

You can also print photos from a CD that you get from a photo processing lab. (Images should be in JPEG or uncompressed Tiff file format. Some CDs may not work.)

1. Make sure PictureMate is on.
2. Make sure there are no memory cards in PictureMate's memory card slots. The memory card light should be off.

   Note: If a memory card is inserted, the printer will read photos from the card, not from an external drive.

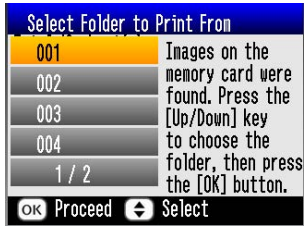
3. If PictureMate is connected to a computer, disconnect it or turn off the computer.
4. Connect your CD or Zip drive's USB cable, or plug your flash memory drive into the **EXT/IF** port on the back of PictureMate, as shown on the right.



5. For a CD or Zip drive, insert a CD or Zip disk with photos into the drive.

   If you used PictureMate to save photos on the same disk or flash memory drive more than once, it will have multiple folders.

You see this message:



Press △ or ▽ to choose the folder where your photos are stored, then press **OK**. The most recently saved folder has the largest number.

PictureMate counts the photos on your drive.

6 You can use any of the choices available to select and print photos from your drive.

Printing From a PictBridge-Enabled Camera

You can connect your PictBridge- or USB DP-enabled digital camera to the back of PictureMate and use the camera to control printing. (Check your camera manual to see if it supports the PictBridge standard or USB DP.)

1 Make sure PictureMate is on.

2 Make sure there are no memory cards in PictureMate's slots. The card light should be off.

Note: If a memory card is inserted, the printer will read photos from the card, not from a camera.

3 Press the **Menu** button.

4 Press △ or ▽ to highlight **Setup,** then press ▷ to open the menu.

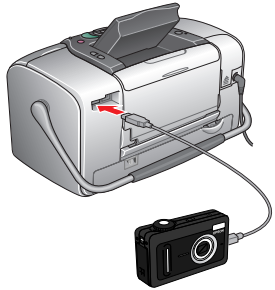
5 Press △ or ▽ to highlight **Direct Print Setting,** then press ▷.

6 Press ▷ again to open the Layout menu.

7 Press △ or ▽ to select the layout you want to use, then press **OK**.

You can choose from 6 layout settings and 17 frames, including Disney characters.

8 Connect your camera's USB cable to your camera and the **EXT/IF** port on the back of PictureMate.



9 Use your camera's controls to select and print photos on PictureMate. (See your camera manual.)

Printing Wirelessly From a Bluetooth Device

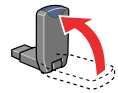
You can print photos wirelessly from your Bluetooth-enabled PDA, cell phone, or computer when you use the optional Epson Bluetooth Photo Print Adapter. The Adapter (part# C12C824142) is available from your local retailer or from the Epson Store℠ (see the inside back cover for details).

Note: While PictureMate complies with the Bluetooth specification, it is not guaranteed to work with all devices enabled with Bluetooth wireless technology. Also, make sure your photos meet the requirements listed on page 4.

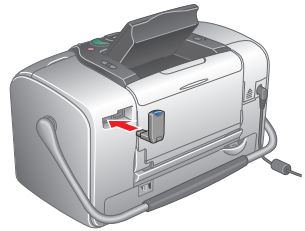
1 Make sure PictureMate is on but not printing.

Caution: Do not connect the Bluetooth Photo Print Adapter while PictureMate is printing; this may cause PictureMate to malfunction.

2 Fold up the top of the Bluetooth Photo Print Adapter.



3 Plug the adapter into the **EXT/IF** port on the back of PictureMate.



The Bluetooth Photo Print Adapter's blue light comes on for one second. If the light does not turn on, disconnect the adapter, then reconnect it.

4 Make sure you are within about 30 feet of PictureMate, then select the photo you want to print from your Bluetooth PDA, cell phone, computer, or other device and send it to PictureMate as follows:

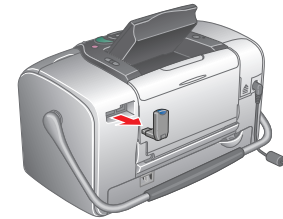
- For Windows, send photos directly to PictureMate with your Bluetooth file sharing program. See the documentation included with your computer's Bluetooth adapter for details on setting up Bluetooth file sharing and sending files.
- For a Macintosh with Mac OS® X 10.2 or later, double-click the Bluetooth File Exchange utility in your **Utilities** folder. Then follow the on-screen steps to choose a photo file, discover PictureMate, and send the photo.
- For cell phones or PDAs, see your product's documentation for instructions on setting up Bluetooth file sharing and sending files.

Printing starts automatically.

Note: For more information on PictureMate's Bluetooth features, see the on-screen *User's Guide*.

Disconnecting the Adapter

Make sure PictureMate isn't printing, then pull the adapter out of the **EXT/IF** port.



Caution: Do not remove the adapter when its blue light is flashing; this may cause PictureMate to malfunction.

Replace Ink and Paper

When PictureMate is low on ink or you are out of paper, it's time to buy a PictureMate Print Pack, which contains a new photo cartridge and photo paper. This section tells where to buy one and how to replace the used photo cartridge.

When PictureMate needs a new photo cartridge, you see a message on the photo viewer screen.

Tip: If you see a message while printing, you can still replace the photo cartridge and continue the current print job. Just replace it without turning off and unplugging PictureMate.

Note: Use your PictureMate Photo Cartridge within six months of installing it and before the expiration date on the package. For photo storage and handling tips, see page 16.

Caution: Do not attempt to refill the photo cartridge. This could result in damage to PictureMate from ink spills.

Buying a PictureMate Print Pack

The PictureMate Print Pack has everything you need to print in one box: PictureMate Photo Paper and a new PictureMate Photo Cartridge. You can buy a Print Pack wherever PictureMate is sold or from retailers that sell printer supplies.

Note: If you are out of PictureMate Photo Paper, but do not see the **Replace cartridge** message, you can still print. Use Epson Premium photo paper, borderless 4 × 6 inches for optimal print quality and prints that resist water, smudging, and fading. For more information, see "How many photos will I get from a PictureMate Print Pack?" on page 65.

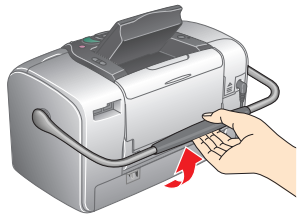
You can buy the Print Pack from your local retailer or from the Epson Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Removing the Used Photo Cartridge

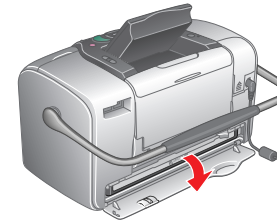
Make sure you have a new PictureMate photo cartridge before you begin. Once you start replacing a cartridge, you must complete all the steps in one session.

Caution: Before you replace the cartridge, read the "Photo Cartridge Safety Instructions" on page 61.

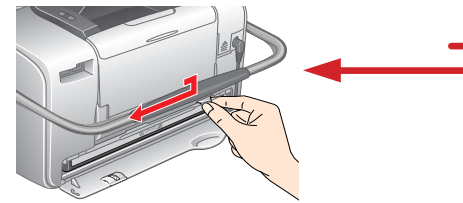
1. Make sure PictureMate is on, but not printing.
2. Close the paper support.
3. Lift up the handle.



4. Open the cartridge door on the back of PictureMate.

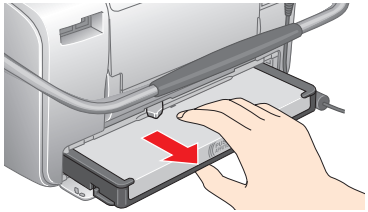


5. Move the photo cartridge lever to the **Release** position by sliding it in the direction shown. This releases the cartridge.



Caution: Do not try to pull out the cartridge without releasing the lever.

6 Carefully pull out the cartridge and dispose of it properly. (For appropriate disposal, check local resources for recycling guidelines.)

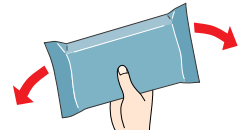


Warning: Keep ink cartridges out of the reach of children and do not drink the ink.

If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them thoroughly with water. If discomfort or vision problems continue after flushing, see a doctor immediately.

Inserting the New Photo Cartridge

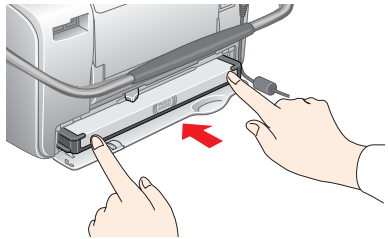
1 **Shake the cartridge four or five times while it is still in its package**. Then unwrap the cartridge.



Caution: Don't touch the small green circuit board. Install the photo cartridge immediately after you remove it from its package. If you leave a cartridge unpacked for a long time before using it, normal printing may not be possible.

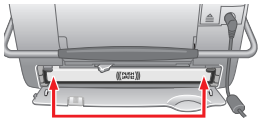
2 Make sure the lever is in the **Release** position.

3 Slide the cartridge straight into the slot, label side up, until it is fully inserted. Push in both sides evenly to make sure it is not crooked.

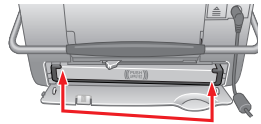


Note: The cartridge won't go in all the way. You need to use the photo cartridge lever to lock it in place.

If either side is sticking out, remove the cartridge and reinsert it so it is straight.

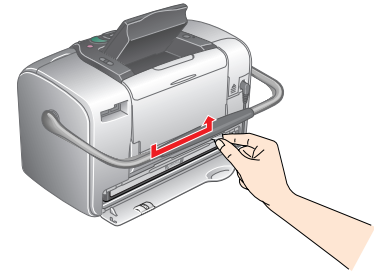


Right



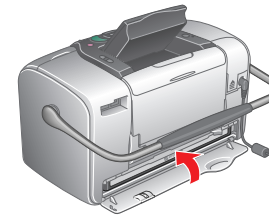
Wrong

4 Move the lever right to the **Lock** position. If it does not lock in place, the cartridge is crooked; remove it and try again. (See step 3.)



Caution: If the cartridge is not inserted correctly, ink may leak out.

5 Close the cartridge door. Make sure it snaps shut.



If the door does not close completely, the cartridge is not installed correctly. Remove it and try again.

6 Lower the handle.

Checking the Photo Cartridge Status (Ink Level)

You can check the approximate amount of ink in your photo cartridge at any time.

1 Press the **Menu** button.

2 Press the △ or ▽ button to select **Maintenance,** then press ▷ to open the menu.

3 Press the △ or ▽ button to select **Cartridge Status**, then press ▷. You can see the approximate ink level displayed on the photo viewer screen.

Note: If the status (ink level) is down to only one bar, you should buy a new PictureMate Print Pack. See page 34 for more information.

Take Your PictureMate With You

PictureMate's handle makes it easy to carry short distances. If you have the optional battery, you can use PictureMate just about anywhere, even if an electrical outlet is not available.

Packing Your PictureMate

If your PictureMate is going to travel a longer distance, you should pack it carefully to help protect it from getting damaged.

Caution: Keep PictureMate out of the sun and don't leave it in your car or other location where it can get too hot or too cold.

1. If PictureMate is on, press the ⏻ **On** button to turn it off.
2. Wait until the photo viewer screen goes blank, then unplug the power cord from the electrical outlet.
3. Remove all paper and printed photos.
4. Push down the top of the paper support and close it against PictureMate. Then close the output tray and lower the screen.

5. Disconnect the power cord and any connected USB cable from the back of PictureMate.

6 Pack PictureMate along with its power cable and adapter in the box that PictureMate came in, or in the optional carrying case.

Caution: Make sure the photo cartridge is installed. Do not remove the photo cartridge before transporting. Don't place PictureMate on its side or upside down, or ink may leak.

Note: If your prints don't look as good after PictureMate has been moved, try aligning the print head (see page 51).

Tip: You can order an optional PictureMate Carrying Case from the Epson Store. See the inside back cover of this book for details.

Using the Optional Battery

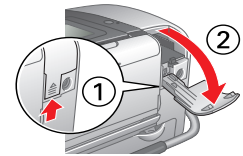
To buy the optional battery, check with your PictureMate retailer or go to www.MyPictureMate.com. See page 58 for more information on obtaining the battery.

Installing the Battery

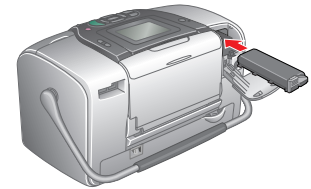
1 Make sure PictureMate is turned off.

2 Unplug the AC adapter from PictureMate.

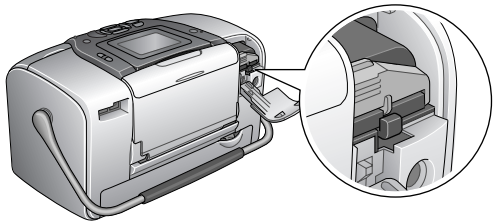
3 Open the battery cover on the back of the printer.



4 Slide in the battery as shown until it clicks into place:



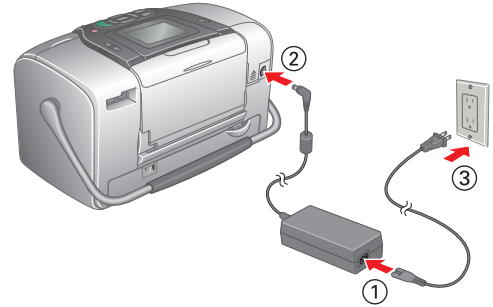
5 Make sure the battery is pushed in all the way so that it locks into place as shown:



6 Close the battery cover.

Charging the Battery

After you install the battery, you need to charge it by connecting the AC adapter and plugging in the printer.



The power light flashes during charging when PictureMate is off. It takes about 2 hours to fully charge the battery when PictureMate is off. It takes longer when you use PictureMate while it is charging.

The power light turns off when the battery is fully charged (if PictureMate is turned off).

The following battery status icons appear in the upper right corner of the photo viewer screen:

	Charging		1/3 full
	Full		Low
	2/3 full		Almost out

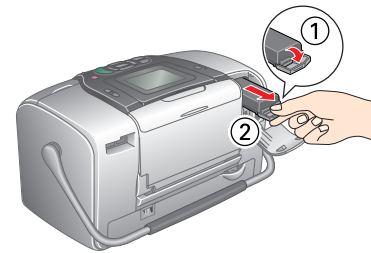
With a fully charged battery, you can print from 50 to 80 photos.

Note: When you run PictureMate on the battery, the printer turns off automatically after 15 minutes if it is not being used. Press the **On** button to turn it back on.

Removing the Battery

If there is a problem with your battery, or you want to replace it with one that is already charged, you may need to remove the battery.

1. Make sure PictureMate is turned off.
2. Open the battery cover.
3. Flip down the gray tab on the battery and pull it straight out.



4. Close the battery cover.

Set PictureMate Preferences

You can change the way PictureMate works by using the Setup menu. You can set the following preferences:

- Choose how photo information and photos are displayed (on the right)
- Adjust the amount of expansion and cropping for borderless printing (see page 44)
- Turn print confirmation off or on (see page 45)
- Determine whether to keep your selections after printing (see page 46)
- Adjust the photo viewer screen contrast (see page 46)
- Select your personal settings (see page 47)
- Return the settings to the factory defaults (see page 48)

Selecting Your Display Preferences

When you select **Print Some** and press **OK**, you see your photos displayed one by one, with information about the layout setting and number of sheets required for printing.

You can change this and have your photos displayed without information, or display 9 photos at a time. You can choose from three display preferences:

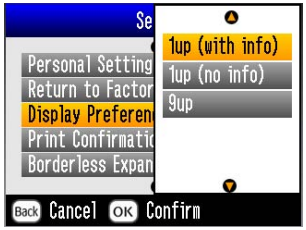
1up (with info)

1up (no info)

9up

1. At the photo selection menu, press the **Menu** button.
2. Press △ or ▽ to highlight **Setup**, then press ▷ to open the menu.

3 Press △ or ▽ to select **Display Preference**, then press ▷.



4 Choose the setting you prefer, then press **OK**.

5 Continue pressing **OK** to exit the menu.

Adjusting Borderless Expansion and Cropping

When you print borderless pictures, your images are automatically expanded and cropped. If your pictures are cut off around the edges, you can adjust the amount of expansion and cropping.

1 At the photo selection menu, press the **Menu** button.

2 Press △ or ▽ to highlight **Setup**, then press ▷ to open the menu.

3 Press △ or ▽ to select **Borderless Expansion**, then press ▷.

4 Press △ or ▽ to select **MIN** and reduce the amount of expansion and cropping. Then press **OK**.

5 Continue pressing **OK** to exit the menu.

If you see white lines on the edges of your photos after printing with the **MIN** setting, repeat steps 1 to 3 and select **MID** or **MAX**.

Turning Print Confirmation Off or On

When Print Confirmation is **On** and you press the **Print** button, you see a screen that lets you confirm your selected photos, the number of copies, layout, and other settings. Then you press **Print** again to start printing.

For example, you might see a Print Confirmation like this:

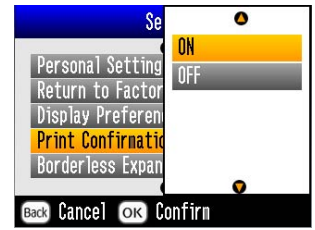
When Print Confirmation is **Off**, PictureMate does not display this screen before printing. You need to press **Print** just once to start printing.

Follow these steps to change the Print Confirmation setting:

1 At the photo selection screen, press the **Menu** button.

2 Press △ or ▽ to highlight **Setup**, then press ▷ to open the menu.

3 Press △ or ▽ to select **Print Confirmation**, then press ▷.



4 Press △ or ▽ to choose **On** or **Off**, then press **OK**.

5 Continue pressing **OK** to exit the menu.

The Print Confirmation setting remains in effect until you change it again or reset the default preferences (see page 48).

Determining Whether to Keep Selections After Printing

You can decide whether to keep the print settings and photos you selected or return to your personal default settings after you print.

1. At the photo selection menu, press the **Menu** button.
2. Press △ or ▽ to highlight **Setup**, then press ▷ to open the menu.
3. Press △ or ▽ to select **Keep Selections After Printing**, then press ▷.

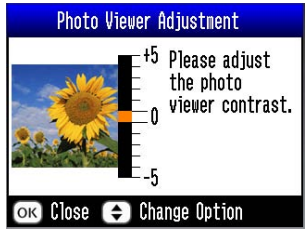
4. Press △ or ▽ to choose from the following settings, then press **OK**:
   - **Ask each time**: Lets you choose whether to save your selections after each print job.
   - **Always Keep**: Save your selections each time you print.
   - **Never Keep**: Return to your personal default settings after printing.
5. Continue pressing **OK** to exit the menu.

Adjusting the Photo Viewer Screen

If the screen is too light or too dark, you can adjust it.

1. At the photo selection menu, press the **Menu** button.
2. Press △ or ▽ to highlight **Setup**, then press ▷ to open the menu.
3. Press △ or ▽ to select **Photo Viewer Adjustment**, then press ▷.

You see the Photo Viewer Adjustment screen:



4 Press △ or ▽ to adjust the contrast of the screen, then press **OK**.

5 Continue pressing **OK** to exit the menu.

Selecting Your Personal Settings

You can reset the PictureMate settings to the ones you prefer. The settings you choose will become your "defaults," but you will still be able to change them when you print. You can change the following settings:

- Layout
- Color Effects
- Date Stamp
- Time Stamp
- Top Screen

1 At the photo selection menu, press the **Menu** button.

2 Press △ or ▽ to highlight **Setup**, then press ▷ to open the menu.

3 Press △ or ▽ to select **Personal Settings Wizard**, then press ▷.

4 Press ▷, then select the setting you use most often, then press the **OK** button.

5 Press **OK** again to move to the Color Effects setting.

6 Repeat steps 4 and 5 for all the settings listed on the left side of the page.

The Top screen setting determines which selection mode (such as Print All or Print Some) is highlighted when you first turn on PictureMate.

Returning to Factory Settings

You can return your personal settings to the PictureMate original default settings.

1. At the photo selection menu, press the **Menu** button.
2. Press △ or ▽ to highlight **Setup**, then press ▷ to open the menu.
3. Press △ or ▽ to select **Return to Factory Settings**, then press ▷. You see this message:

4. Press **OK** to restore the original settings, or press **Back** to go back to the menu without restoring the settings.

After you restore the factory settings, you see a message asking if you want to change your personal settings. See page 47 for more information.

Printer Care and Troubleshooting

If you have problems with your PictureMate, or you want to improve print quality, read these sections:

- Cleaning the print head (on the right)
- Aligning the print head (on page 51)
- Error messages and warnings (on page 52)
- Printing and operation problems (on page 54)
- Photo quality problems (on page 55)
- Problems with paper feeding (on page 56)
- Miscellaneous printout problems (on page 57)
- Where to get help (on page 58)

Cleaning the Print Head

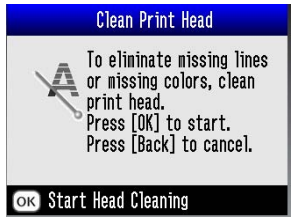
If your print quality is not as good as it used to be, if your photos are too light, or if they are missing colors or have lines running through them, PictureMate's print head nozzles may be clogged.

Note: If the low ink indicator appears in the upper right corner of the photo viewer, you can't clean the print head until you replace the photo cartridge.

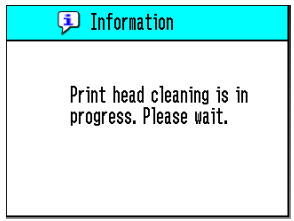
Follow these steps to clean the print head:

1. Press the **Menu** button.
2. Press △ or ▽ to highlight **Maintenance.**
3. Press ▷ to open the Maintenance menu.

4 Make sure **Clean Print Head** is selected, then press ▷. You see this message:



5 Press the **OK** button to begin cleaning the print head. Cleaning takes about 40 seconds. PictureMate makes some noise, and you see the following message on the screen:

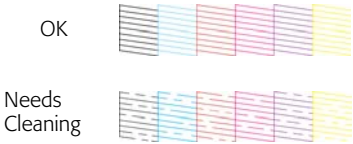


When cleaning is complete, you see a message asking if you want to print a nozzle check pattern.

6 To make sure the nozzles are clean, load a sheet of photo paper, then press **OK.**

7 When you see the message, press **Print** to print the nozzle check.

8 Check the pattern to see if there are any gaps in the lines.



9 If there are no gaps, press **Back** to go back to the Maintenance menu.

If there are gaps, press **OK** to clean the print head again. You may need to clean it two or three times before the nozzles are cleared.

You can also turn PictureMate off and wait overnight to allow any dried ink to soften. Then try cleaning the print head again.

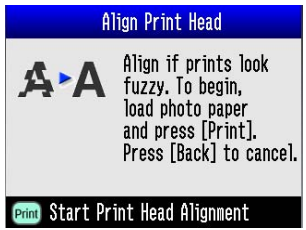
Note: You can run a nozzle check before you clean the print head. Follow steps 1 and 2 on page 49. Then select **Nozzle Check**.

Aligning the Print Head

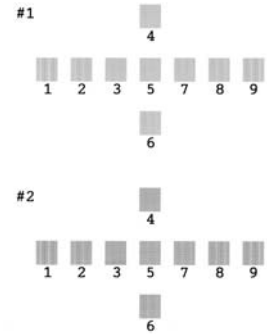
If you have moved PictureMate and print quality is not as good as it was before—for example, your prints look fuzzy, or have light or dark lines running through them—you may need to align the print head.

Make sure PictureMate is turned on but not printing, and several sheets of paper are loaded.

1. Press the **Menu** button.
2. Press △ or ▽ to highlight **Maintenance**, then press ▷ to open the menu.
3. Press △ or ▽ to select **Align Print Head,** then press ▷. You see this message:



4. Press the **Print** button. The following alignment patterns are printed:



5. Look at the printed squares to determine which one in each set is the most even, with no streaks or lines. (You may need to use a magnifying glass.)
6. Press ◁ or ▷ to highlight the number for the best square (**1** to **9**) in set #1. Then press ▽ to move to #2.
7. Press ◁ or ▷ to highlight the number for the best pattern (**1** to **9**) in set #2.

8 After you have entered the number for the best square in each set, press **OK.** PictureMate aligns the print head and displays a message when alignment is done.

Note: The numbers that you enter become the default settings (#5) the next time you align the print head.

9 Press **Back** or **OK** to return to the Maintenance menu.

Error Messages and Warnings

If your PictureMate has any problems, you can check the screen for a message. If you see one of these messages, here's what to do:

Message	What to Do
Replace cartridge. For best results, use the genuine PictureMate Print Pack.	Purchase a PictureMate Print Pack and replace the photo cartridge with a new one. If the cartridge is new, check to make sure it is inserted correctly. See page 34.
You are running low on ink. For best results, use the genuine PictureMate Print Pack.	Make sure you have a PictureMate Print pack on hand so you can replace the Photo Cartridge when it runs out.
Paper is out or is not loaded correctly. Load the paper again then press [OK].	Load or remove and reload paper in the paper support, and press the **OK** button to clear this message. The printer resumes printing. See page 5 for loading instructions.
Paper is jammed in the printer. Remove the jammed paper, then press [OK].	Carefully pull out the jammed paper, then reload paper and try printing again. (Do not reload paper that is wrinkled.) See page 56 if your PictureMate jams frequently.
Close the cartridge door.	The cartridge door is not closed completely. Close the cartridge door on the back of the printer. Make sure the door snaps shut.
Photo cartridge removed, not inserted correctly, or not recognized. Reinstall the PictureMate Photo Cartridge.	Reinstall a genuine PictureMate Photo Cartridge from the PictureMate Print Pack. See page 34.
The printer needs service. See your printer manual for help.	Your PictureMate has a hardware error that might require service. Contact Epson as described in "Where to Get Help" on page 58.

Message	What to Do
The inserted card cannot be used with this printer. See your printer manual for help.	Use a compatible memory card. Format the card with your camera, not a computer. See the card types you can use on page 6. The file types on the card might not be supported. See page 4.
Memory card or disk was not inserted or cannot be recognized.	Check the memory card and try the solutions above. Make sure the card or disk contains photos.
Bluetooth Photo Print Adapter error. Disconnect and reconnect the Adapter.	Disconnect the adapter, then reconnect it to the printer. See page 32.
A printer error has occurred. Try turning the printer off, then back on. See your printer manual for more information.	Turn off PictureMate, wait a few seconds, then turn it on again. If the error does not clear, see "Where to Get Help" on page 58.
Temperature inside the printer is too high. Print quality may decline.	Move the printer to a cooler location and wait until the error message disappears.
The battery is out. Connect the AC adapter.	Connect the AC adapter to charge the battery.
The battery temperature is abnormal. Turn the power off, then wait until the battery temperature decreases.	Turn off PictureMate and wait 5 to 10 minutes until the battery cools before turning it back on.
Code: P	The PictureMate Photo Cartridge is out of ink. Purchase a PictureMate Print Pack and replace the photo cartridge with a new one. See page 34.

Backup Error Messages

If you see one of these messages while backing up photos to an external device, here's what to do:

Message	What to Do
Cannot recognize the memory card or disk.	Connect a compatible external storage device, and make sure it contains photos. See page 26 for more information.
External device is not connected or disk is not inserted.	Connect a compatible external storage device (see page 26) and make sure you insert a CD or Zip disk.

Insufficient space on the backup device. Backup cannot be performed.	Insert a new CD or Zip disk or delete files to make more space.
No memory card in slot. Stopping backup.	Insert the memory card that contains the photos you want to back up.

Printing and Operation Problems

The Power light is off.

- If you're using the optional battery, PictureMate will automatically turn off after 15 minutes if it is not being used. Press the **On** button to turn it back on.
- If you're using the optional battery, it may not be charged. Connect the AC adapter and plug it into an electrical outlet to charge the battery.
- If you're using the optional battery, it may not be installed all the way into the compartment. Remove the battery, then reinsert it so that it locks into place. See page 40 for more information.

PictureMate makes an unexpected noise after you install a photo cartridge.

The first time you install the photo cartridge, PictureMate will charge its print head for about three minutes. Wait until charging finishes before you turn it off, or it may charge improperly and use more ink the next time you turn it on.

The photo viewer screen is blank.

- The screen shuts off after 13 minutes if PictureMate is not being used. Press any button to turn it back on.
- If you're using the optional battery, PictureMate will automatically turn off after 15 minutes if it is not being used. Press the **On** button to turn it back on.

Your PictureMate makes an unexpected noise when you turn it on or after it has been sitting for a while.

PictureMate is performing routine maintenance.

PictureMate sounds as though it is printing, but nothing prints.

- PictureMate may be preparing to print.
- Make sure the print head nozzles are not clogged. To clean the print head, see page 49.
- PictureMate won't work properly if it's tilted or at an angle. Place it on a flat, stable surface that extends beyond the printer base in all directions.
- Make sure paper is not jammed and is loaded correctly so it can feed into PictureMate. Make sure the handle is not resting on the paper. See page 5 for paper loading instructions.

Your memory card does not work correctly.

- Make sure you are using a compatible memory card. See page 6.
- Make sure only one card is inserted at a time. PictureMate does not read from multiple cards at once.
- Photos must be in JPEG or Uncompressed TIFF format and taken with a DCF-compliant camera.
- PictureMate cannot read progressive-scan JPEG files or RAW files.
- PictureMate can recognize and print the first 999 photos on your memory card.

Printing is too slow.

If you are using PictureMate in a hot or sunny location, move it to a cooler location, then try printing again.

For faster printing, try these tips:

- Photos with borders print faster than borderless photos.
- Before you print, press the **Menu** button and select **Fix Photos**. Then select **Auto Correct** and make sure it is set to **None**.
- JPEG photo files print faster than Tiff files.

Photo Quality Problems

You see banding (light lines) in your prints.

- The print head nozzles may need cleaning; see page 49.
- Make sure the glossy side of the paper is face up.
- The photo cartridge may need replacing. To replace the cartridge, see page 34.

- The print head may need aligning; see page 51.

Your printout is blurry or smeared.

- Use PictureMate Photo Paper to ensure proper saturation, absorption of ink, and quality.
- Make sure you load paper with the glossy side face up.
- Make sure your paper isn't damp or curled, or loaded face down (the glossy side should be face up). If it's damp or curled, load a new stack of paper.
- The print head may need aligning; see page 51.

Your printout is faint or has gaps in the image.

- The print head nozzles may need cleaning; see page 49 for instructions.
- The photo cartridge may be old or low on ink. To replace the photo cartridge, see page 34.
- Make sure your paper isn't damaged, old, dirty, or loaded face down. If it is, reload a new stack of paper with the glossy side up.

Colors in your photo are wrong or missing.

- Make sure the Color Effects setting is set to **Color** for color photos. See page 20.
- The print head may need cleaning; see page 49.
- The photo cartridge may be old or low on ink. To replace the cartridge, see page 34.
- Try turning on or off **Enhance** under the Auto Correct setting. Or, try manually adjusting the brightness, saturation, or sharpness. See page 23.

Problems With Paper Feeding

Paper doesn't eject fully or is wrinkled.

If it's wrinkled when it ejects, the paper may be damp.

Paper doesn't feed correctly or jams in the printer.

- If paper jams, remove the paper, then press **OK** to clear the jam.
- Make sure the paper support is pulled up, all the way out, and is not leaning on the handle. The handle should be all the way down in back of PictureMate. Make sure the handle is not resting on the paper. See page 5.

- If paper doesn't feed, remove it from the paper support, reload it against the right edge, then slide the left edge guide against the paper (but not too tightly).
- If multiple pages feed at once, remove the paper from the paper support, separate the sheets, and carefully reload it.
- Load paper glossy side up. Load a maximum of 20 sheets.
- Don't load plain paper; this may damage PictureMate.
- Make sure you are using only PictureMate Photo Paper or Epson Premium photo paper (see page 34). Store paper flat to help prevent curling.

Miscellaneous Printout Problems

PictureMate prints blank pages.

The print head may need cleaning. See page 49.

The borders or layout are incorrect.

- Check your Layout setting to see if it is correct. See page 19.
- If you have a border on one side of your photo but not the other, make sure the paper is positioned correctly in the paper support, all the way to the **right**. Slide the edge guide against the paper.
- Make sure the photo is not cropped. See page 17.
- When your photo is displayed on the screen, press the ⊕ button. You see an orange box around the image, indicating the area that will print. Use the △ or ▽ button to move the box up or down.
- When you print borderless photos, PictureMate automatically expands and crops your images. If too much of your pictures are cut off around the edges, you can adjust the amount of expansion and cropping. See page 44.

Where to Get Help

Epson provides technical assistance 24 hours a day through the electronic support services and automated telephone services listed below.

Service	Access
World Wide Web	From the Internet, you can reach Epson Support at **www.MyPictureMate.com/support**. At this site, you can download drivers and other files, look at product documentation, access troubleshooting information, and receive technical advice through e-mail.
Automated Telephone Services	A variety of automated help services are available 24 hours a day, seven days a week. To use these services, you must have a touch tone telephone and call **(800) 922-8911**. Your Epson SoundAdvice℠ Express code is **70615**. Use this code to quickly select the PictureMate printer in SoundAdvice.

To speak to a technical support representative, dial:

- U.S.: (562) 276-7282, 6 AM to 8 PM, Pacific Time, Monday through Friday and 7 AM to 4 PM, Saturday.
- Canada: (905) 709-2567, 6 AM to 6 PM, Pacific Time, Monday through Friday.

Toll or long distance charges may apply.

Before you call, please have the following information ready:

- Product name (PictureMate Deluxe Viewer Edition)
- Product serial number (located on the bottom of the printer)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration (if using a computer)
- Description of the problem

You can purchase a PictureMate Print Pack, which includes everything you need to print in one box: PictureMate Photo Paper and a PictureMate Photo Cartridge. You can also purchase a PictureMate battery, Carrying Case, and other PictureMate accessories from an Epson authorized reseller.

For product information and to find the nearest authorized reseller, please call 800-GO-EPSON (800-463-7766). To purchase online, please visit the Epson Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for reseller referral.

Important Safety Instructions

Before using your PictureMate, read the following safety instructions to make sure you use it safely and effectively:

- Be sure to follow all warnings and instructions marked on the printer.
- If you use the printer in places where the use of printers is restricted, such as in airplanes or hospitals, follow all instructions in those places.
- Do not insert objects through the slots in the printer.
- Take care not to spill liquid on the printer and the AC adapter.
- Do not put your hand inside the printer or touch the photo cartridge during printing.
- Always turn the printer off using the **On** button. Do not unplug the printer or turn off the power to the outlet until the power light goes out.
- Before transporting the printer, make sure that the photo cartridge is installed.
- Leave the photo cartridge installed. Removing the cartridge can dehydrate the print head and may prevent the printer from printing or cause ink to leak out.
- Do not remove the memory card or turn off the printer while the computer and the memory card are communicating (when the memory card light is flashing).
- The methods for using memory cards vary according to card type. Be sure to refer to the documentation packaged with your memory card for details.
- Use only memory cards compatible with the printer.
- Place the printer on a flat, stable surface that extends beyond the base of the printer in all directions. The printer will not operate properly if it is tilted at an angle. If you place the printer by the wall, leave more than 4 inches (10 cm) between the back of the printer and the wall.
- When storing or transporting the printer, do not tilt it, stand it on its side, or turn it upside down. Otherwise, ink may leak from the cartridge.
- Leave enough space in front of the printer for the paper to be fully ejected.
- Avoid places subject to rapid changes in temperature and humidity. Also, keep the printer and the AC adapter away from direct sunlight, strong light, water, or heat sources.
- Do not leave the printer in places subject to high temperature, such as your car. Otherwise the printer may be damaged or ink may leak.

- Avoid places subject to dust, shock, or vibration.
- Leave enough room around the printer to allow for sufficient ventilation.
- Place the AC adapter near a wall outlet where the plug can be easily unplugged.
- Do not place or store the printer, the AC adapter, or the optional battery outdoors.
- Do not block or cover the vents and openings in the printer.
- Power supply cords should be placed to avoid abrasions, cuts, fraying, crimping, and kinking. Do not place objects on top of power-supply cords and do not allow the AC adapter or power-supply cords to be stepped on or run over. Be particularly careful to keep all power-supply cords straight at the ends and the points where they enter and leave the AC adapter.
- Use only the power-supply cord that comes with this product. Use of another cord may result in fire or electrical shock, or injury.
- The AC adapter model A361H is designed for use with the printer with which it was included. Do not attempt to use it with other electronic devices unless specified.
- Use only the type of power source indicated on the AC adapter's label, and always supply power directly from a standard domestic electrical outlet with the AC power cord that meets the relevant local safety standards.
- Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.
- Avoid using electrical outlets controlled by wall switches or automatic timers.
- Keep the entire computer system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- Do not use a damaged or frayed power cord, AC adapter, and the optional battery.
- If you use an extension cord with the printer, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure that the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- Never disassemble, modify, or attempt to repair the AC adapter, power cord, printer, and options by yourself except as specifically explained in the printer's guides.
- Unplug the printer and the AC adapter, remove the optional battery from the printer, and refer servicing to qualified service personnel under the following conditions:

  The power cord or plug is damaged; liquid has entered the printer, the AC adapter, or the optional battery; the printer, the AC adapter or the optional battery has been dropped or the casing damaged; the printer, the AC adapter or the optional battery does not operate normally or exhibits a distinct change in performance. (Do not adjust controls that are not covered by the operating instructions.)
- Do not use with wet hands.

WARNING: The cords included with this product contain chemicals, including lead, known to the State of California to cause birth defects or other reproductive harm. ***Wash hands after handling***. *(Provided in accordance with Proposition 65 in Cal. Health & Safety Code §25249.5 et seq.)*

Photo Cartridge Safety Instructions

- Keep photo cartridges out of the reach of children and do not drink the ink.
- Do not shake the photo cartridge after removing it from the bag; this can cause leakage.
- Be careful when you handle used photo cartridges, as there may be some ink remaining around the ink supply ports. If ink gets onto your skin, wash the area thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.
- Do not remove or tear the label on the cartridge; this can cause leakage.
- Do not dismantle photo cartridges or try to refill them. This could damage the print head.
- Install the photo cartridge immediately after you remove it from its package. If you leave a cartridge unpacked for a long time before using it, normal printing may not be possible.
- Do not use a photo cartridge beyond the date printed on the cartridge carton; otherwise, it may result in reduced print quality. For best results, use up the photo cartridge within six months of installing it.
- After bringing a photo cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
- Store photo cartridges in a cool, dark place.
- Store each photo cartridge so that the bottom of its packaging faces down.
- Do not touch the green IC chip on the bottom of the cartridge. Doing so may prevent normal operation and printing.
- The IC chip on the photo cartridge retains a variety of cartridge-related information, such as the amount of ink remaining, so that the cartridge may be removed and reinstalled freely. However, each time the cartridge is inserted, some ink is consumed because the printer automatically performs a reliability check.
- If you remove the photo cartridge for later use, protect the ink supply ports from dirt and dust and store it in the same environment as the printer. A valve in the ink supply ports makes covers or plugs unnecessary, but the ink may stain items that come into contact with this area of the cartridge. Do not touch the ink supply ports or the surrounding area.

Photo Viewer Screen Safety Instructions

- The screen contains a few small bright or dark spots. These are normal and do not mean that the screen is damaged in any way.
- Only use a dry, soft cloth to clean the screen. Do not use liquid or chemical cleansers.
- If the screen is damaged, contact your dealer. If the liquid crystal solution gets on your hands, wash them thoroughly with soap and water. If the liquid crystal solution gets into your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately.
- The lamp in the photo viewer screen contains mercury. Dispose of it according to local, state, or federal laws.

Battery Safety Instructions

- If battery acid gets into your eyes or on your skin, immediately rinse the affected area thoroughly with water and seek medical treatment. If a battery is swallowed, seek medical treatment immediately.
- Use only an Epson Li-ion battery model EU-112 for this printer according to the directions in the user documentation. Replacing the battery with an incorrect model may cause an explosion.
- Use only AC adapter model A361H to charge the battery and operate the printer.
- Do not charge or use the battery with devices other than the specified product. Using the battery with other devices may damage the battery or other devices, or may cause an explosion.
- To protect against short circuits, do not remove the outside case of the battery.
- Do not handle the battery with wet hands or use it near water.
- Do not expose the battery to water or high humidity.
- Do not drop, puncture, disassemble, mutilate, or short-circuit the battery.
- Do not place the battery near or into fire or water.
- Do not use a battery that is leaking or damaged in any way.
- Do not charge the battery on devices except this product.
- Do not charge the battery near open flame or in very hot locations.
- Keep the battery away from heat sources.
- Do not leave the battery in a vehicle to prevent the battery from overheating.
- Do not insert objects into any openings as they may touch dangerous voltage points or short-circuit components.
- Prevent the battery from coming into contact with metal objects that could short-circuit it, such as coins or keys.
- Do not solder wires or terminals directly to the battery.
- Do not touch battery terminals.
- Keep the battery away from open flame if it leaks or smells strange.
- If overheating, discoloration, or deformation occur, remove the battery from this product and do not use it.

- Charge the battery before using it if it has not been used for a long period.
- When not using the printer for a long period of time, remove the battery from the printer and store it separately to avoid over-discharging the battery.
- Do not store the battery where the temperature or humidity is very high.
- Store the battery out of children's reach.
- Before disposing of the battery, make sure you discharge it completely.

Warning: Do not dispose of batteries as ordinary refuse. Instead, dispose of them in a collection or recycle box in accordance with local laws. Do not incinerate or dispose of the battery in fire.

For users in the United States and Canada:
This mark indicates that the battery will be recycled by RBRC. When you dispose of the battery, contact RBRC.

Epson America, Inc. Limited Warranty

What Is Covered: Epson America, Inc. ("Epson") warrants to the original retail purchaser that the Epson printer covered by this limited warranty statement, if purchased and operated only in the United States or Canada, conforms to the manufacturer's specifications and will be free from defects in workmanship and materials for a period of one (1) year from the date of original purchase. Epson also warrants that the consumable photo cartridge enclosed with the printer will perform to the manufacturer's specified usage, which usage may expire before the expiration of the limited warranty for the Epson printer. For warranty service, you must provide proof of the date of original purchase.

What Epson Will Do To Correct Problems: Should your Epson printer prove defective during the warranty period, please call the Epson Connection℠ at (562) 276-7282 (U.S.) or (905) 709-2567 (Canada) for warranty repair instructions and return authorization. An Epson service technician will provide telephone diagnostic service to determine whether the printer requires service. If service is needed, Epson will, at its option, exchange or repair the printer without charge for parts or labor. If Epson authorizes an exchange for the defective unit, Epson will ship a replacement printer to you, freight prepaid, so long as you use an address in Canada or the U.S. (excluding Puerto Rico and U.S. Possessions). Shipments to other locations will be made freight collect. You are responsible for securely packaging the defective unit and returning it to Epson within five (5) working days of receipt of the replacement. Epson requires a debit or a credit card number to secure the cost of the replacement printer in the event that you fail to return the defective one. If your printer is being repaired, Epson will direct you to send your printer to Epson or its authorized service center, where the printer will be fixed and sent back to you. You are responsible for packing the printer and for all costs to and from the Epson authorized service center. When warranty service involves the exchange of the printer or a part, the item replaced becomes Epson property. The replacement printer or part may be new or refurbished to the Epson standard of quality, and, at Epson's option, may be another model of like kind and quality. Epson's liability for replacement of the covered

printer will not exceed the original retail selling price of the covered printer. Exchange products and parts assume the remaining warranty period of your original product covered by this limited warranty.

What This Warranty Does Not Cover: This warranty does not apply to refurbished or reconditioned products. This warranty covers only normal use in the United States and Canada. This warranty is not transferable. This warranty does not cover any color change or fading of prints or reimbursement of materials or services required for reprinting. This warranty does not cover damage to the Epson product caused by parts or supplies not manufactured, distributed or certified by Epson. This warranty does not cover ribbons, ink cartridges or third party parts, components, or peripheral devices added to the Epson product after its shipment from Epson, e.g., dealer or user-added boards or components. Epson is not responsible for warranty service should the Epson label or logo or the rating label or serial number be removed or should the product fail to be properly maintained or fail to function properly as a result of misuse, abuse, improper installation, neglect, improper shipping, damage caused by disasters such as fire, flood, and lightning, improper electrical current, software problems, interaction with non-Epson products, or service other than by an Epson Authorized Servicer. If a claimed defect cannot be identified or reproduced, you will be held responsible for the costs incurred.

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Epson America, Inc., P.O. Box 93012, Long Beach, CA 90809-3012

How many photos will I get from a PictureMate Print Pack?

Epson has conveniently packaged the PictureMate Photo Cartridge with PictureMate Photo Paper, so that purchasing supplies for PictureMate is simple and saves time. The PictureMate Print Pack provides both supplies together, so replacing both the PictureMate Photo Cartridge and paper with a new PictureMate Print Pack is convenient and affordable.

Actual yields will vary based on types of photos printed, images and frequency of use. For example, printing many copies of the same photo, or printing many black and white or sepia photos, may result in fewer prints than the number of sheets of paper included in your PictureMate Print Pack. Also, the PictureMate Photo Cartridge once installed should be replaced with a new one within 6 months of installation.

You may be able to print more than the number of sheets of paper included in your PictureMate Print Pack. In this case the cartridge monitor indicates the cartridge can still be used. You can continue printing with paper from another PictureMate Print Pack or Epson Premium photo paper which is available from many resellers or Epsonstore.com. There are other photo papers available but most are not formulated to be fully compatible with the PictureMate Photo Cartridge. Using other papers may result in poor color reproduction, print quality problems or more fading.

PictureMate Print Pack Satisfaction Guarantee:

If you are dissatisfied because you receive fewer prints than the number of sheets of paper included in your PictureMate Print Pack, you can return the remaining sheets of PictureMate Photo Paper with the dated sales receipt and UPC code from the PictureMate Print Pack packaging within one year of purchase and Epson will refund a maximum of 29 cents per sheet returned, plus a maximum $1.10 for postage. The Satisfaction Guarantee is a prorated refund that covers only end user claims in the US and Canada. It does not cover use of any non-Epson ink or paper, commercial use of the printer or paper consumed by proofs or printing errors.

Please follow the following refund procedure:

1) Print out the PictureMate Print Pack Satisfaction Guarantee Form, available at www.epson.com/picturemateguarantee, or request this form to be mailed to you by calling (562) 276-1347 for U.S.A. or Puerto Rico or (905) 709-8676 for Canadian residents.

2) Send the following items to

   PictureMate Print Pack Satisfaction Guarantee
   P.O. Box 400067
   El Paso, TX 88540-0067
   Customer claim status inquiry number: (800) 305-7305

   a) Fully completed PictureMate Print Pack Satisfaction Guarantee Form

   b) Original UPC code of PictureMate Print Pack

   c) Copy of PictureMate Print Pack receipt

   d) Remaining PictureMate Print Pack paper from the original PictureMate Print Pack.

FCC Compliance Statement

For United States Users

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 or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and 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.

WARNING: The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For Canadian Users

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.

Declaration of Conformity

According to 47CFR, Part 2 and 15 for Class B Personal Computers and Peripherals; and/or CPU Boards and Power Supplies used with Class B Personal Computers:

We:	Epson America, Inc.
Located at:	MS: 3-13 3840 Kilroy Airport Way Long Beach, CA 90806-2469 Telephone: (562) 290-5254

Declare under sole responsibility that the product identified herein, complies with 47CFR Part 2 and 15 of the FCC rules as a Class B digital device. Each product marketed is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR §2.909. Operation is subject to the following two conditions: (1) this device may

not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name: Epson

Type of Product: Ink Jet Printer

Model: B351A

ENERGY STAR Compliance

As an ENERGY STAR® Partner, Epson has determined that this product meets the ENERGY STAR guidelines for energy efficiency. The EPA ENERGY STAR office equipment program is a voluntary partnership with the computer and office equipment industry to promote the introduction of energy-efficient personal computers, monitors, printers, fax machines, and copiers in an effort to reduce air pollution caused by power generation.

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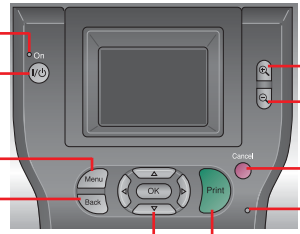
Get to know your PictureMate



Power light

Turn PictureMate on or off

Set print options

Return to previous menu

Move through menu options

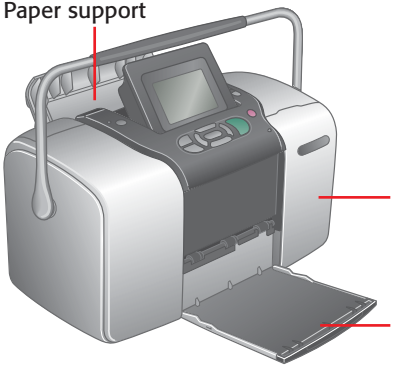
Zoom in and crop

Zoom out/display 9 photos

Stop printing or cancel settings

Memory card light

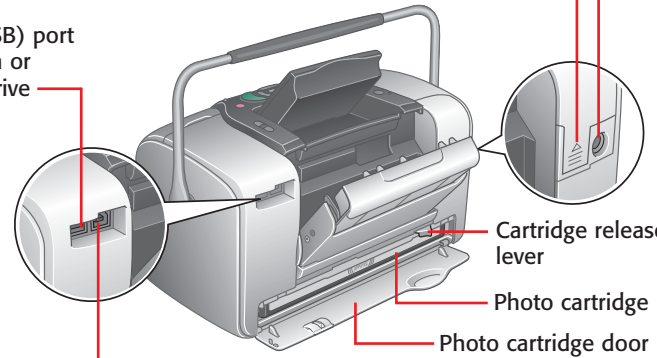
Start printing



Paper support

Memory card door

Output tray



AC inlet

Battery cover

EXT/IF (USB) port for camera or external drive

Cartridge release lever

Photo cartridge

Photo cartridge door

USB port for computer

Need a new photo cartridge and paper?

You can get the PictureMate Print Pack (part# T5570) with everything you need to print in one box: PictureMate Photo Paper and a PictureMate Photo Cartridge.

You can also purchase these accessories for PictureMate:

- The PictureMate rechargeable battery (part# C12C831074), which lets you print just about anywhere
- The PictureMate Carrying Case, just the right size for your PictureMate, power cable, and an extra Print Pack
- The Bluetooth Photo Print Adapter (part# C12C824142) for printing wirelessly from your Bluetooth-enabled cell phone, PDA, or computer to PictureMate

Visit your local retailer, or go to the Epson Store at www.epsonstore.com (U.S. sales only).

In Canada, please call (800) 463-7766 for dealer referral.

For PictureMate information, special offers, and related accessories, visit www.MyPictureMate.com.