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L810 User's Guide

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L810 User's Guide

Welcome to the L810 *User's Guide*.

For a printable PDF copy of this guide, click here.

Product Basics

See these sections to learn about the basic features of your product.

Using the Control Panel
Product Parts Locations
The Power Off and Sleep Timers

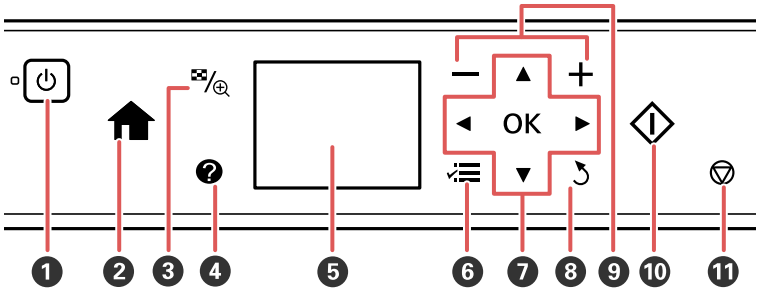
Using the Control Panel

See these sections to learn about the control panel and select control panel settings.

Control Panel Buttons and Lights
Using the LCD Screen
Adjusting Control Panel Position
Changing LCD Screen Language
Turning Off Control Panel Sounds

Parent topic: Product Basics

Control Panel Buttons and Lights



1 The ⏻ power button and ⏻ power light
2 The 🏠 home button
3 The display/crop button
4 The ? help button

5 The LCD screen

6 The menu button

7 The arrow buttons and the **OK** button; navigate menus

8 The back button

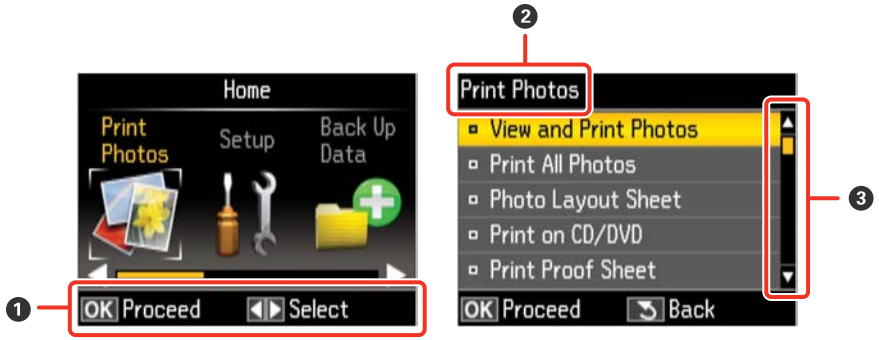
9 The **+** and **–** buttons; increase or decrease the number of copies

10 The start button

11 The stop button; stops printing or resets settings

Parent topic: Using the Control Panel

Using the LCD Screen



1 Displays available button options

2 Screen name

3 You can scroll up and down when these arrows are displayed

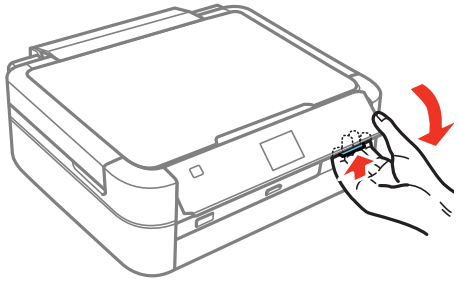
To view a list of the icons and a description of their use, press the help button and select **How To** > **Icon List**.

Parent topic: Using the Control Panel

Adjusting Control Panel Position

You can adjust the position of the control panel to make it easier to use.

- To raise the control panel, lift it up from the bottom.
- To lower the control panel, press the release button and gently push the panel down.



Caution: Do not lower the control panel without first pressing the release button or you may damage your product.

Parent topic: Using the Control Panel

Changing LCD Screen Language

You can change the language used on the LCD screen.

1. Press the home button, if necessary.
2. Press the arrow buttons to select **Setup** and press the **OK** button.
3. Select **Printer Setup** and press the **OK** button.
4. Select **Language** and press the **OK** button.
5. Select a language and press the **OK** button.
6. Press the home button to exit.

Parent topic: Using the Control Panel

Turning Off Control Panel Sounds

You can turn off the sound heard when you press buttons on the control panel.

1. Press the home button, if necessary.

2. Press the arrow buttons to select **Setup** and press the **OK** button.
3. Select **Printer Setup** and press the **OK** button.
4. Select **Sound** and press the **OK** button.
5. Select **Button Press** and press the **OK** button.
6. Select **Off** and press the **OK** button.
7. Press the home button to exit.

Parent topic: Using the Control Panel

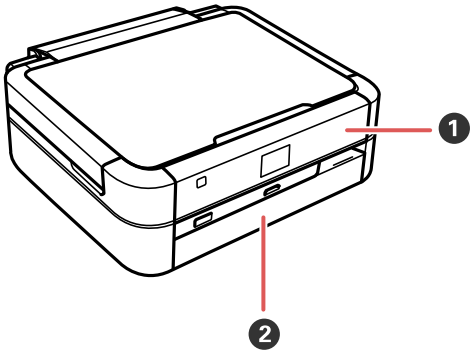
Product Parts Locations

See these sections to identify the parts on your product.

Product Parts - Top
Product Parts - Front
Product Parts - Inside
Product Parts - Back

Parent topic: Product Basics

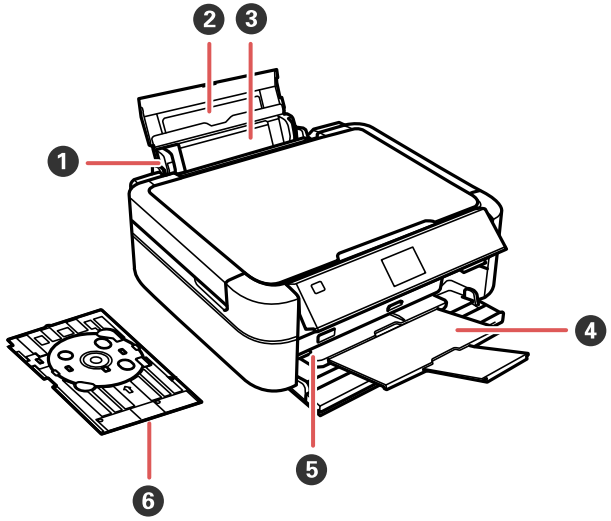
Product Parts - Top



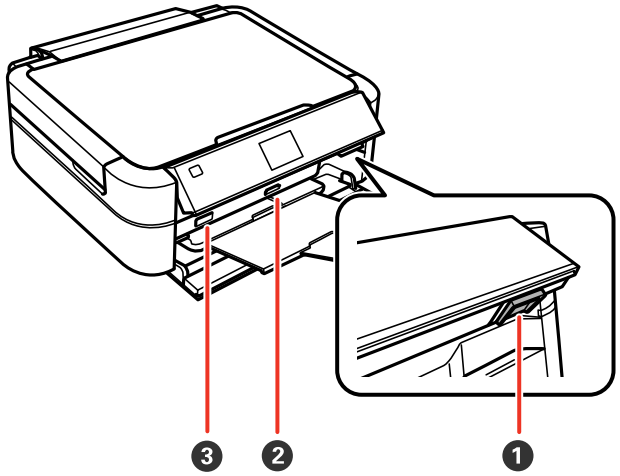
1 Control panel
2 Front cover

Parent topic: Product Parts Locations

Product Parts - Front



1 Edge guide
2 Paper support
3 Rear paper feed slot
4 Output tray
5 Tray lever



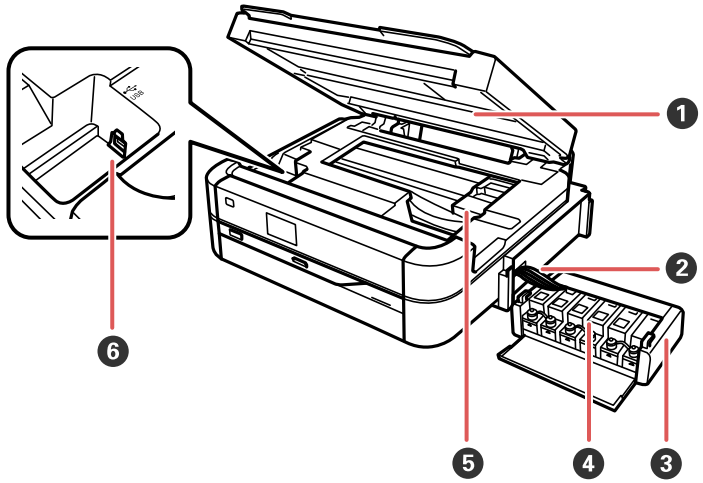
1 Release button

2 Memory card slot

3 USB Type A port for external devices

Parent topic: Product Parts Locations

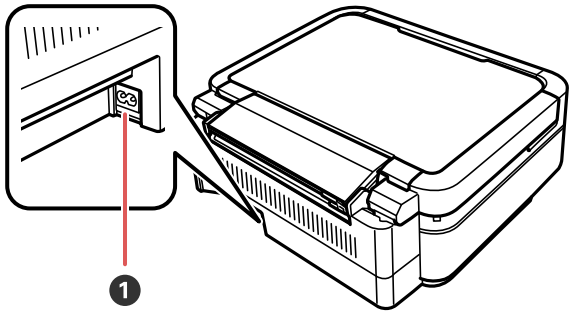
Product Parts - Inside



1	Printer cover
2	Ink tubes
3	Ink tank unit
4	Ink tanks
5	Print head
6	**USB** port

Parent topic: Product Parts Locations

Product Parts - Back



1 AC inlet

Parent topic: Product Parts Locations

The Power Off and Sleep Timers

The product enters sleep mode or turns off automatically if it is not used for a period of time. You can adjust the time period before power management, but increasing the time reduces the product's energy efficiency.

Changing the Power Off Timer Setting from the Control Panel
Changing the Sleep Timer Setting from the Control Panel
Changing the Power and Sleep Timer Settings - Windows
Changing the Power and Sleep Timer Settings - OS X

Parent topic: Product Basics

Changing the Power Off Timer Setting from the Control Panel

You can use the product's control panel to change the time period before the printer turns off automatically.

1. Press the home button, if necessary.
2. Press the arrow buttons to select **Setup** and press the **OK** button.
3. Select **Printer Setup** and press the **OK** button.

You see this screen:

4. Select **Power Off Timer** and press the **OK** button.
   You see this screen:

5. Select the time period you want before the product automatically turns off when it is not in use and press the **OK** button.
6. Press the home button to exit.

Parent topic: The Power Off and Sleep Timers

Changing the Sleep Timer Setting from the Control Panel

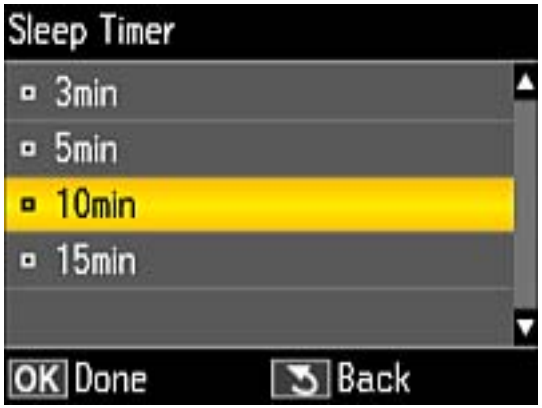
You can use the product's control panel to change the time period before the product enters sleep mode.

1. Press the home button, if necessary.
2. Press the arrow buttons to select **Setup** and press the **OK** button.
3. Select **Printer Setup** and press the **OK** button.

   You see this screen:

4. Select **Sleep Timer** and press the **OK** button.

   You see this screen:



5. Select the time period you want before the product goes to sleep and press the **OK** button.
6. Press the home button to exit.

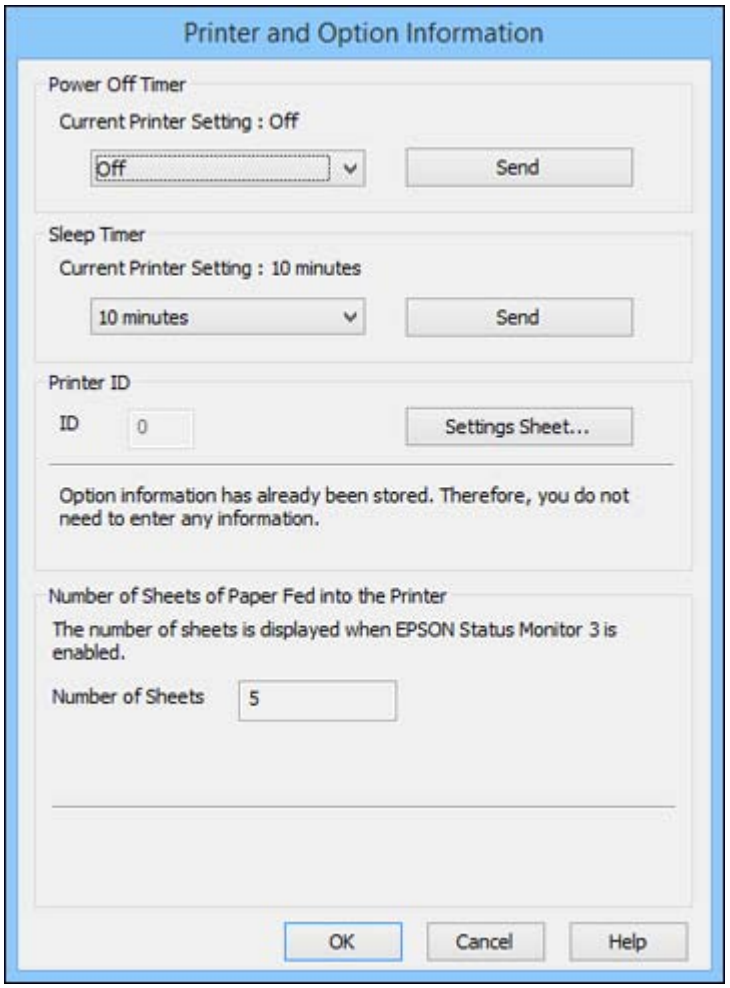
Parent topic: The Power Off and Sleep Timers

Changing the Power and Sleep Timer Settings - Windows

You can use the printer software to change the time period before the printer enters sleep mode or turns off automatically.

1. Access the Windows Desktop and right-click the product icon in the Windows taskbar.
2. Select **Printer Settings**.
3. Click the **Maintenance** tab.
4. Click the **Printer and Option Information** button.

You see this screen:



5. Select the length of time after which you want the product to automatically turn off when it is not in use as the **Power Off Timer** setting.
6. Click **Send**.
7. Select the time period you want before the product goes to sleep as the **Sleep Timer** setting.
8. Click **Send**.

9. Click **OK** to close the open program windows.

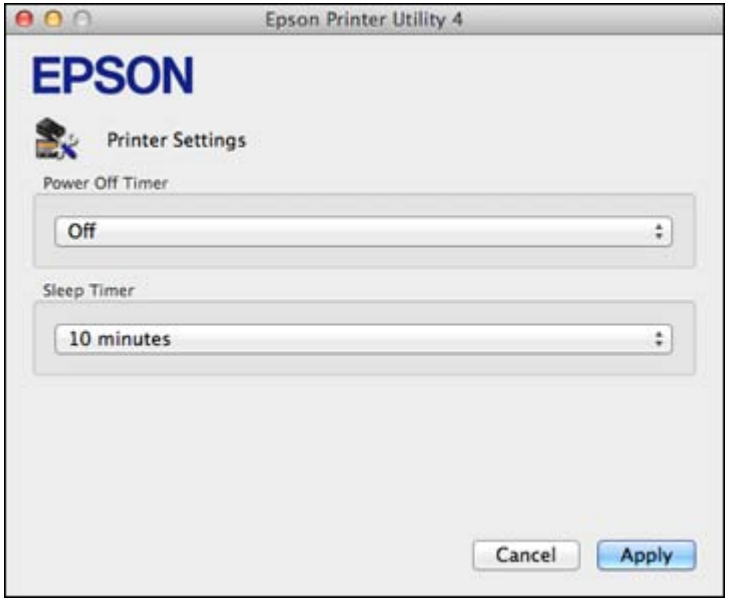
Parent topic: The Power Off and Sleep Timers

Changing the Power and Sleep Timer Settings - OS X

You can use the printer software to change the time period before the printer enters sleep mode.

1. In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
2. Select **Printer Settings**.

   You see this screen:



3. Select the length of time after which you want the product to automatically turn off when it is not in use as the **Power Off Timer** setting.
4. Select the time period you want before the product goes to sleep as the **Sleep Timer** setting.
5. Click **Apply**.
6. Close the Printer Settings window.

Parent topic: The Power Off and Sleep Timers

Loading Paper

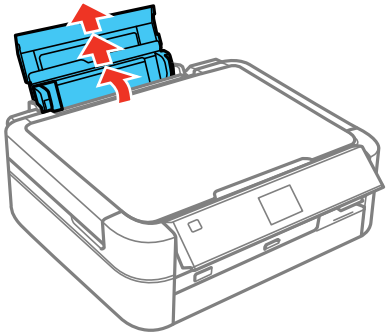
Before you print, load paper for the type of printing you will do.

Loading Paper in the Printer
Paper Loading Capacity
Available Epson Papers
Borderless Paper Type Compatibility
Paper or Media Type Settings

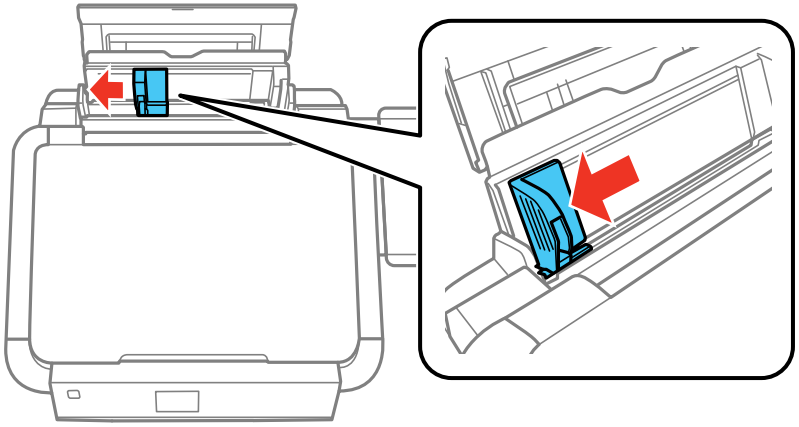
Loading Paper in the Printer

You can print on a variety of paper types and sizes.

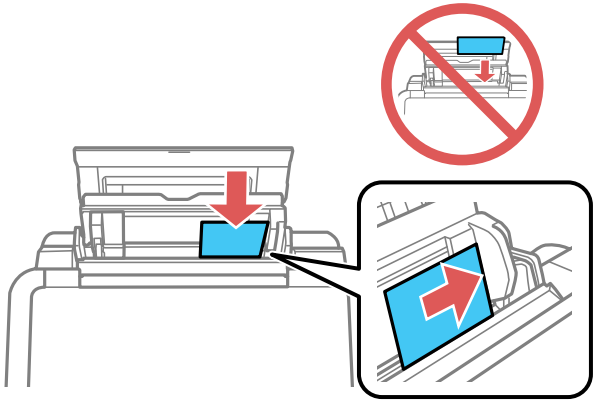
1. Open the rear paper feed slot and extend the paper support.



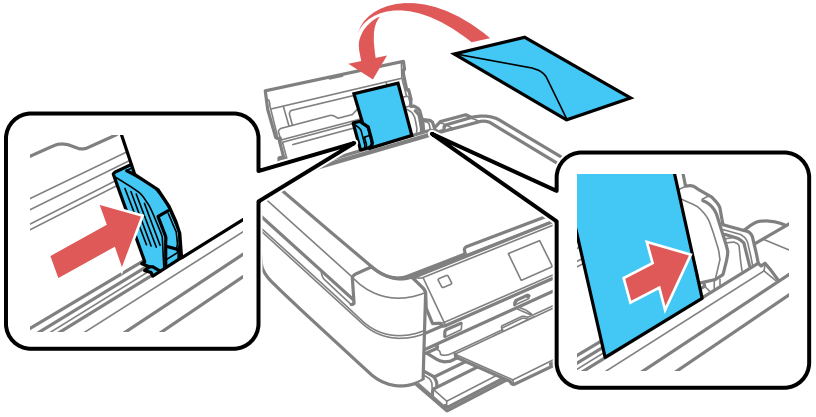
2. Slide the edge guide left.



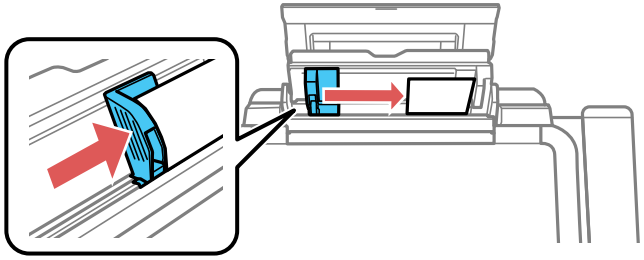
3. Insert paper, glossy or printable side up and short edge first, against the right side and behind the tab. If you are inserting a stack of paper, fan the sheets first and tap the stack on a flat surface to even the edges.



Note: To load envelopes, insert up to 10 envelopes against the right side and behind the tab, printable side up, and flap edge left.



4. Slide the edge guide against the paper, but not too tightly.



Caution: Do not move the tray lever while the product is printing.

Always follow these paper loading guidelines:

- Load only the recommended number of sheets.
- Load paper short edge first and printable side up.
- Load letterhead or pre-printed paper top edge first.
- Do not load paper above the arrow mark inside the edge guide.

- If you have trouble loading a stack of envelopes, press each envelope flat before loading it or load one envelope at a time.
- Do not load binder paper with holes in it.
- Check the paper package for any additional loading instructions.

Parent topic: Loading Paper

Related references

Paper Loading Capacity

Paper Loading Capacity

Paper type	Load up to this many sheets
Plain paper* Letter (8.5 × 11 inches [216 × 279 mm]) or A4 (8.3 × 11.7 inches [210 × 297 mm])	Approximately 100 sheets For manual two-sided printing, load up to 30 sheets.
Plain paper* Legal (8.5 × 14 inches [216 × 356 mm]) or user-defined	1 sheet
Epson Bright White Paper	80 sheets For manual two-sided printing, load up to 30 sheets.
Epson Presentation Paper Matte Epson High Quality Ink Jet Paper	100 sheets
Epson Photo Paper Glossy Epson Premium Photo Paper Glossy Epson Ultra Premium Photo Paper Glossy Epson Premium Photo Paper Semi-gloss Epson Premium Presentation Paper Matte Epson Ultra Premium Photo Paper Luster	20 sheets

Paper type	Load up to this many sheets
Epson Premium Presentation Paper Matte Double-sided Epson Photo Quality Self-adhesive Sheets Epson Iron-on Cool Peel Transfer paper	1 sheet
Envelopes	10

* Based on 20 lb (75 g/m²) paper weight. Do not load paper above the arrow mark inside the edge guide.

Parent topic: Loading Paper

Available Epson Papers

You can purchase genuine Epson ink and paper from an Epson authorized reseller. To find the nearest reseller, visit global.latin.epson.com or call your nearest Epson sales office (website available in Spanish and Portuguese only).

Note: Paper/media availability varies by country.

Paper Type	Size	Part number	Sheet count
Epson Bright White Paper	Letter (8.5 × 11 inches [216 × 279 mm])	S041586	500
Epson High Quality Ink Jet Paper	A4 (8.3 × 11.7 inches [210 × 297 mm])	S041117	100
	Letter (8.5 × 11 inches [216 × 279 mm])	S041111	100
Epson Photo Paper Glossy	4 × 6 inches (102 × 152 mm)	S041809 S042038	50 100
	A4 (8.3 × 11.7 inches [210 × 297 mm])	S041140-ML	20
	Letter (8.5 × 11 inches [216 × 279 mm])	S041141 S041649 S041271	20 50 100

Paper Type	Size	Part number	Sheet count
Epson Premium Photo Paper Glossy	4 × 6 inches (102 × 152 mm)	S041808 S041727	40 100
	5 × 7 inches (127 × 178 mm)	S041464	20
	8 × 10 inches (203 × 254 mm)	S041465	20
	Letter (8.5 × 11 inches [216 × 279 mm])	S042183 S041667	25 50
Epson Ultra Premium Photo Paper Glossy	4 × 6 inches (102 × 152 mm)	S042181 S042174	60 100
	5 × 7 inches (127 × 178 mm)	S041945	20
	8 × 10 inches (203 × 254 mm)	S041946	20
	Letter (8.5 × 11 inches [216 × 279 mm])	S042182 S042175	25 50
Epson Ultra Premium Photo Paper Luster	Letter (8.5 × 11 inches [216 × 279 mm])	S041405	50
Epson Premium Photo Paper Semi-gloss	4 × 6 inches (102 × 152 mm)	S041982	40
	Letter (8.5 × 11 inches [216 × 279 mm])	S041331	20
Epson Presentation Paper Matte	Letter (8.5 × 11 inches [216 × 279 mm])	S041062	100
	Legal (8.5 × 14 inches [216 × 356 mm])	S041067	100
Epson Premium Presentation Paper Matte	8 × 10 inches (203 × 254 mm)	S041467	50
	Letter (8.5 × 11 inches [216 × 279 mm])	S041257 S042180	50 100
Epson Premium Presentation Paper Matte Double-sided	Letter (8.5 × 11 inches [216 × 279 mm])	S041568	50
Epson Photo Quality Self-adhesive Sheets	A4 (8.3 × 11.7 inches [210 × 297 mm])	S041106	10

Paper Type	Size	Part number	Sheet count
Epson Iron-on Cool Peel Transfer paper	Letter (8.5 × 11 inches [216 × 279 mm])	S041153	10

Parent topic: Loading Paper

Borderless Paper Type Compatibility

You can print borderless photos on compatible paper types in compatible sizes:

Borderless Paper Types

- Epson Photo Paper Glossy
- Epson Premium Photo Paper Glossy
- Epson Ultra Premium Photo Paper Glossy
- Epson Premium Photo Paper Semi-gloss
- Epson Ultra Premium Photo Paper Luster
- Epson Premium Presentation Paper Matte

Borderless Paper Sizes

- 3.5 × 5 inches (89 × 127 mm)
- 4 × 6 inches (102 × 152 mm)
- 5 × 7 inches (127 × 178 mm)
- 8 × 10 inches (203 × 254 mm)
- 16:9 wide (4 × 7.1 inches [102 × 181 mm])
- Letter (8.5 × 11 inches [216 × 279 mm])
- A4 (8.3 × 11.7 inches [210 × 297 mm])

Parent topic: Loading Paper

Paper or Media Type Settings

For this paper	Select this paper Type or Media Type setting
Plain paper Epson Bright White Paper Epson Photo Quality Self-adhesive Sheets Epson Iron-on Cool Peel Transfer paper	Plain Paper/Bright White Paper
Epson Ultra Premium Photo Paper Glossy	Ultra Premium Photo Paper Glossy
Epson Premium Photo Paper Glossy	Premium Photo Paper Glossy
Epson Photo Paper Glossy	Photo Paper Glossy
Epson Presentation Paper Matte Epson High Quality Ink Jet Paper	Presentation Paper Matte
Epson Premium Photo Paper Semi-gloss	Premium Photo Paper Semi-Gloss
Epson Ultra Premium Photo Paper Luster	Ultra Premium Photo Paper Luster
Epson Premium Presentation Paper Matte Epson Premium Presentation Paper Matte Double-sided	Premium Presentation Paper Matte
Envelopes	Envelope

Parent topic: Loading Paper

Printing from a Computer

Before printing from your computer, make sure you have set up your product and installed its software as described on the *Start Here* sheet.

Note: If you have an Internet connection, it is a good idea to check for updates to your product software on Epson's support website. If you see a Software Update screen, select **Enable automatic checking** and click **OK**. The update scans your system to see if you have the latest product software. Follow the on-screen instructions.

Printing with Windows
Printing with OS X
Cancelling Printing Using a Product Button

Printing with Windows

You can print with your product using any Windows printing program, as described in these sections.

Selecting Basic Print Settings - Windows
Selecting Double-sided Printing Settings - Windows
Selecting Additional Layout and Print Options - Windows
Selecting a Printing Preset - Windows
Selecting Extended Settings - Windows
Printing Your Document or Photo - Windows
Checking Print Status - Windows
Selecting Default Print Settings - Windows
Changing Automatic Update Options

Parent topic: Printing from a Computer

Selecting Basic Print Settings - Windows

Select the basic settings for the document or photo you want to print.

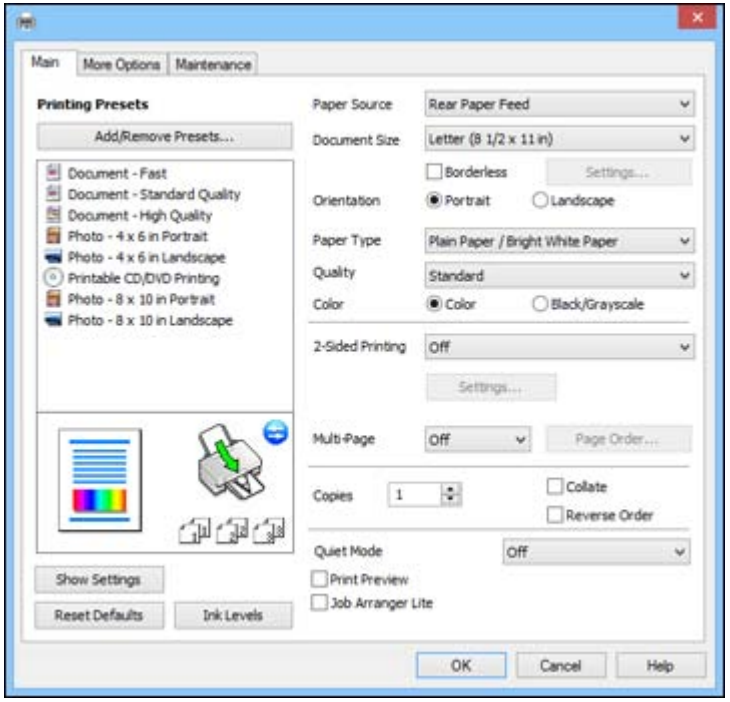
1. Open a photo or document for printing.
2. Select the print command in your application.

   Note: You may need to select a print icon on your screen, the **Print** option in the **File** menu, or another command. See your application's help utility for details.

3. If necessary, select your product name as the printer you want to use.

   Note: You may also need to select **Properties** or **Preferences** to view your print settings.

   You see the Main tab of your printer settings window:



4. For the **Paper Source** setting, select where you loaded the paper you want to print on.
5. Select the size of the paper you loaded as the **Document Size** setting.

   Note: You can also select the **User-Defined** setting to create a custom paper size, but you will not be able to use the **Borderless** setting.

6. If you are printing a borderless photo, select **Borderless**. You can click **Settings** to access additional options for borderless printing.

   Note: You must select a compatible borderless paper type and size to print without borders. Check the borderless paper compatibility list for details.

7. Select the orientation of your document.

   Note: If you are printing an envelope, select **Landscape**.

8. Select the type of paper you loaded as the **Paper Type** setting.

   Note: The setting may not exactly match the name of your paper. Check the paper type settings list for details.

9. Select the **Quality** setting that matches the print quality you want to use.
10. Select a Color option:
    - To print a color document or photo, select the **Color** setting.
    - To print text and graphics in black or shades of gray, select the **Black/Grayscale** setting.
11. To print on both sides of the paper, select a **2-Sided Printing** option.
12. To print multiple pages on one sheet of paper, or print one image on multiple sheets of paper, select one of the settings in the **Multi-Page** menu and select the printing options you want.
13. To print multiple copies and arrange their print order, select the **Copies** options.
14. To reduce noise during printing when you select **Plain Paper/Bright White Paper**, select **Quiet Mode** (printing will be slower).
15. To preview your job before printing, select **Print Preview**.
16. To save your print job as a project that can be modified and combined with other print jobs, select **Job Arranger Lite**.

Paper Source Options - Windows
Print Quality Options - Windows
Multi-Page Printing Options - Windows

Parent topic: Printing with Windows

Related references
Borderless Paper Type Compatibility

Paper or Media Type Settings

Related tasks

Selecting Double-sided Printing Settings - Windows

Printing Your Document or Photo - Windows

Paper Source Options - Windows

You can select any of the available options in the Paper Source menu to print on the paper loaded in that source.

Rear Paper Feed
Selects the paper in the rear feed slot as the paper source.

CD/DVD Tray
Selects the CD or DVD loaded as the source.

Parent topic: Selecting Basic Print Settings - Windows

Print Quality Options - Windows

You can select any of the available Quality options to fine-tune the quality of your print. Some settings may be unavailable, depending on the paper type and border setting you have chosen.

Draft
For draft printing on plain paper.

Standard
For everyday text and image printing.

High
For photos and graphics with high print quality.

More Settings
Opens a window that lets you choose among levels of speed and quality.

Parent topic: Selecting Basic Print Settings - Windows

Multi-Page Printing Options - Windows

You can select any of the available options in the Multi-Page menu to set up your multi-page print job.

2-Up and 4-Up
Prints 2 or 4 pages on one sheet of paper. Click the **Page Order** button to select page layout and border options.

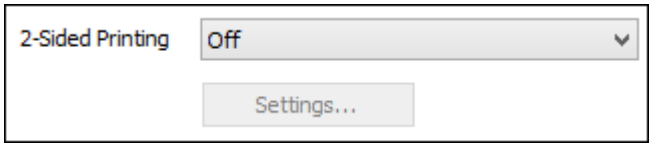
2×1 Poster, 2×2 Poster, 3×3 Poster, 4×4 Poster
Prints one image on multiple sheets of paper to create a larger poster. Click the **Settings** button to select image layout and guideline options.

Parent topic: Selecting Basic Print Settings - Windows

Selecting Double-sided Printing Settings - Windows

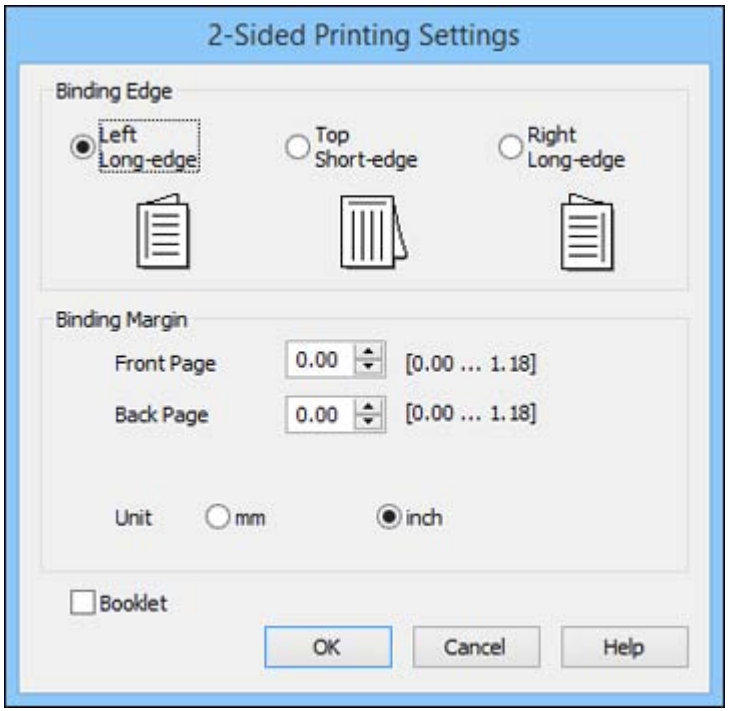
You can print on both sides of the paper by selecting one of the **2-Sided Printing** options on the Main tab.

Note: Some options may be pre-selected or unavailable, depending on other settings you have chosen.



1. Select one of the following options for **2-Sided Printing**:
   - **Manual (Long-edge binding)** to print your double-sided print job by printing one side and prompting you to flip the paper over on the long edge to print the other side.
   - **Manual (Short-edge binding)** to print your double-sided print job by printing one side and prompting you to flip the paper over on the short edge to print the other side.
2. Click the **Settings** button.

You see this window:



3. Select the double-sided printing options you want to use.
4. Click **OK** to return to the Main tab.
5. Print a test copy of your double-sided document to test the selected settings.
6. Follow any instructions displayed on the screen during printing.

Double-sided Printing Options - Windows

Parent topic: Printing with Windows

Related tasks

Selecting Basic Print Settings - Windows

Double-sided Printing Options - Windows

You can select any of the available options on the 2-Sided Printing Settings window to set up your double-sided print job.

Binding Edge Options
Select a setting that orients double-sided print binding in the desired direction.

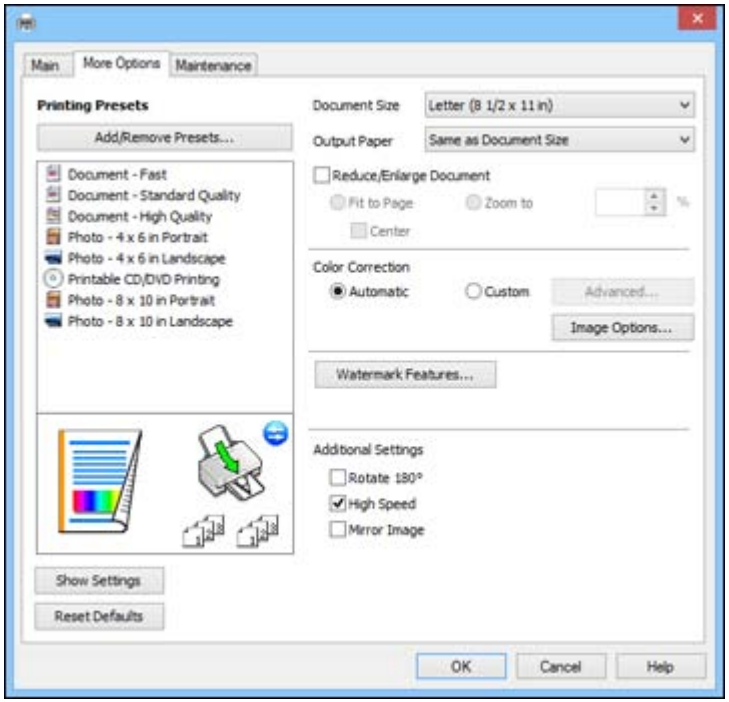
Binding Margin Options
Select options that define a wider margin to allow for binding.

Booklet
Select the **Booklet** checkbox to print double-sided pages as a booklet.

Parent topic: Selecting Double-sided Printing Settings - Windows

Selecting Additional Layout and Print Options - Windows

You can select a variety of additional layout and printing options for your document or photo on the More Options tab.



1. To change the size of your printed document or photo, select the **Reduce/Enlarge Document** checkbox and select one of these sizing options:
   - Select the **Fit to Page** option to size your image to fit the paper you loaded. Select the size of the your document or photo as the **Document Size** setting, and the size of your paper as the **Output Paper** setting. If you want to center your image on the paper, select the **Center** option.
   - Select the **Zoom to** option to reduce or enlarge your document or photo by a specific percentage. Select the percentage in the **%** menu.
2. Select one of the following Color Correction options:
   - Select **Automatic** to automatically adjust the sharpness, brightness, contrast, and color saturation for your image.
   - Select **Custom** and click the **Advanced** button to manually adjust the color correction settings or turn off color management in your printer software.
   - Select **Image Options** to access additional settings for improving printed images.
3. To add the following features, click the **Watermark Features** button:
   - **Watermark**: adds a visible watermark to your printout.
   - **Header/Footer**: adds information such as the date and time to the top or bottom of your printout.

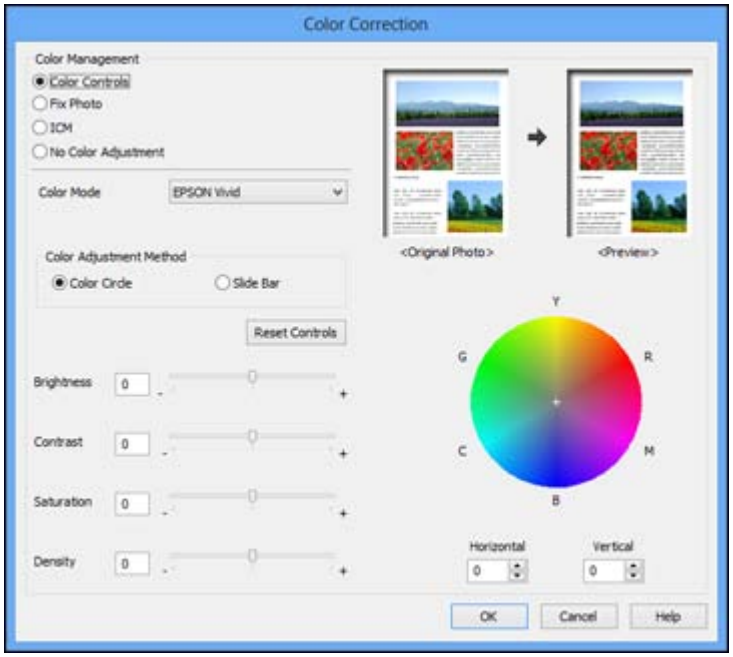
     Note: Click the **Settings** button to customize the text and location of the header or footer.
4. Select any of the Additional Settings options to customize your print.

Custom Color Correction Options - Windows
Image Options and Additional Settings - Windows
Header/Footer Settings - Windows

Parent topic: Printing with Windows

Custom Color Correction Options - Windows

You can select any of the available options in the Color Correction window to customize the image colors for your print job.



Color Controls

Lets you select a **Color Mode** setting, individual settings for **Brightness**, **Contrast**, **Saturation**, and **Density**, and individual color tones. Depending on the selected color mode, you can also adjust the midtone density using the **Gamma** setting.

Fix Photo

Improves the color, contrast, and sharpness of flawed photos.

Note: Fix Photo uses a sophisticated face recognition technology to optimize photos that include faces. For this to work, both eyes and the nose must be visible in the subject's face. If your photo includes a face with an intentional color cast, such as a statue, you may want to turn off **Fix Photo** to retain the special color effects.

ICM
Lets you manage color using installed color printing profiles.

No Color Adjustment
Turns off color management in your printer software so you can manage color using only your application software.

Parent topic: Selecting Additional Layout and Print Options - Windows

Image Options and Additional Settings - Windows

You can select any of the Image Options and Additional Settings to customize your print. Some options may be pre-selected or unavailable, depending on other settings you have chosen.

Image Options

Emphasize Text
Adjusts the weight of printed text to increase readability.

Emphasize Thin Lines
Adjusts the weight of printed lines to increase visibility.

Edge Smoothing
Smooths jagged edges in low-resolution images such as screen captures or images from the Web.

Fix Red-Eye
Reduces or removes red-eye in photos.

Additional Settings Options

Rotate 180º
Prints the image rotated 180º from its original orientation.

High Speed
Speeds up printing but may reduce print quality.

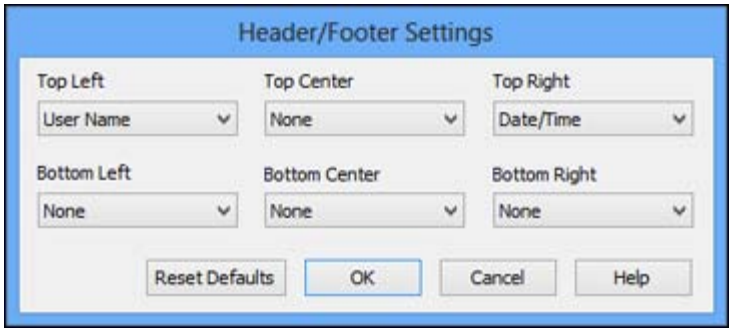
Mirror Image
Flips the printed image left to right.

Parent topic: Selecting Additional Layout and Print Options - Windows

Header/Footer Settings - Windows

You can select any of the Header/Footer Settings options to add headers or footers when you print. The items are available to print at the top or bottom of your pages, in either the left, right, or center of the page.

Note: These settings are not saved with your document.



You can select to print the following information:

- User Name
- Computer Name
- Date
- Date/Time
- Collate Number (copy number)

Note: The user name, computer name, date, and time come from the Windows Control Panel on your computer.

Parent topic: Selecting Additional Layout and Print Options - Windows

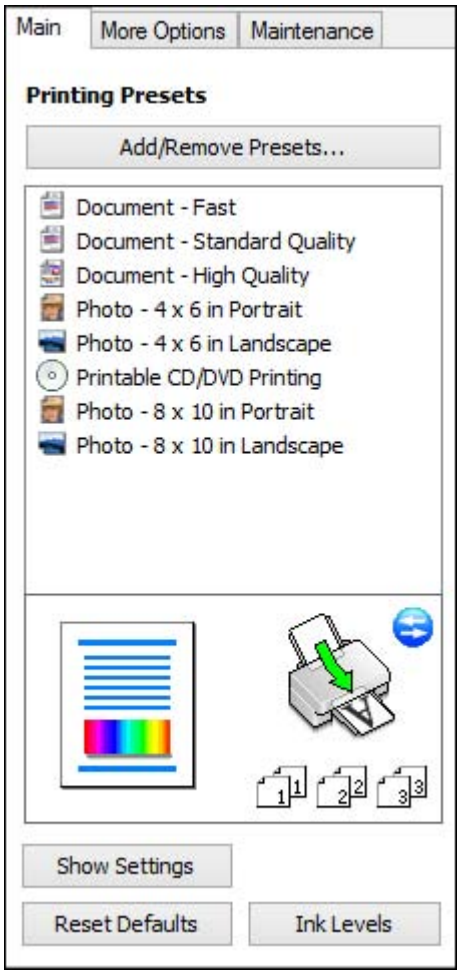
Selecting a Printing Preset - Windows

For quick access to common groups of print settings, you can select a printing preset on the Main or More Options tab.

Note: You can create your own preset by clicking the **Add/Remove Presets** button.

1. Click the **Main** or **More Options** tab.

You see the available **Printing Presets** on the left:



2. Place your cursor over one of the **Printing Presets** to view its list of settings.
3. Click on a preset to change its settings, or use any of the available options on the screen to control your printing presets.
4. To choose a preset for printing, select it.
5. Click **OK**.

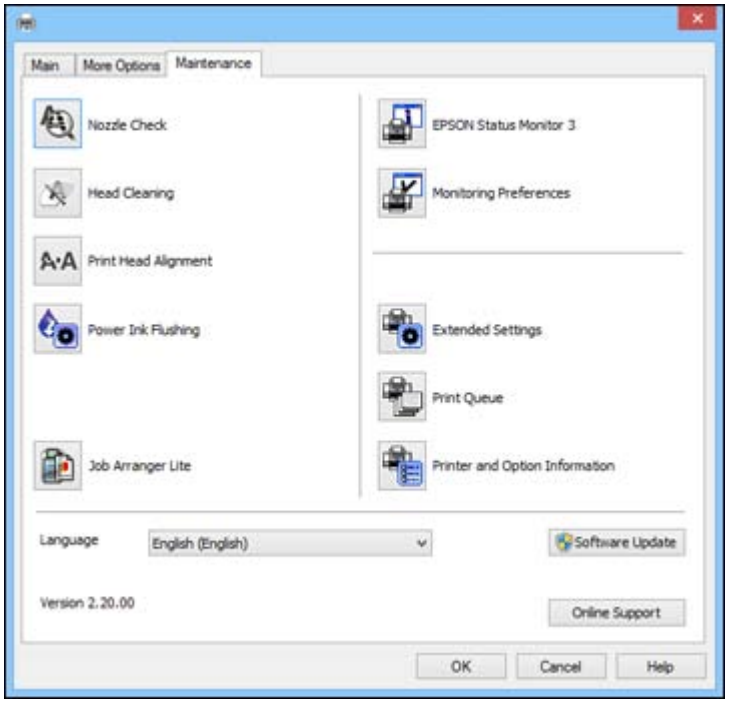
Parent topic: Printing with Windows

Selecting Extended Settings - Windows

You can select additional settings that apply to all the print jobs you send to your product.

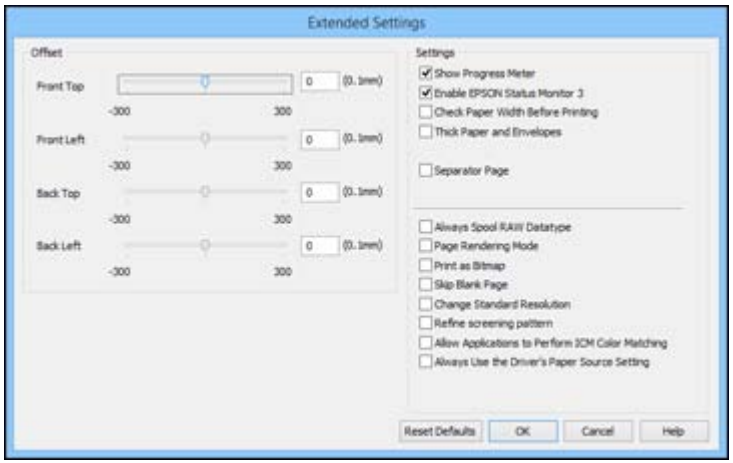
1. Access the Windows Desktop and right-click the product icon in the Windows taskbar.
2. Select **Printer Settings**.
3. Click the **Maintenance** tab.

   You see the maintenance options:



4. Click the **Extended Settings** button.

You see this window:



5. Select any of the extended settings to customize your print.
6. Click **OK** to close the Extended Settings window.
7. Click **OK** to close the printer software window.

Extended Settings - Windows

Parent topic: Printing with Windows

Extended Settings - Windows

You can select from these settings on the Extended Settings window.

Show Progress Meter
Displays the progress of print jobs as they are being printed.

Enable EPSON Status Monitor 3
Enables product monitoring for ink and paper supplies and other issues.

Check Paper Width Before Printing
Prevents printing beyond the edges of the paper if the paper size setting is incorrect; may reduce print speed.

Thick Paper and Envelopes
Prevents ink from smearing when you print on envelopes or other thick paper.

Separator Page
Before each document, prints a separator page containing the title, user, date, and time.

Always Spool RAW Datatype
Increases print speed and may solve other printing problems.

Page Rendering Mode
Increases print speed when printing is extremely slow or the print head stops during printing.

Print as Bitmap
Increases print speed when printing is extremely slow or the print head stops during printing, and other settings do not help.

Skip Blank Page
Ensures that your product does not print pages that contain no text or images.

Change Standard Resolution
Reduces the resolution of print data to correct printing problems.

Refine screening pattern
Prints graphics with a finer screening pattern.

Allow Applications to Perform ICM Color Matching
Allows applications to perform ICM color matching.

Always Use the Driver's Paper Source Setting
Prints using the paper source setting in the printer driver, rather than the setting in your application.

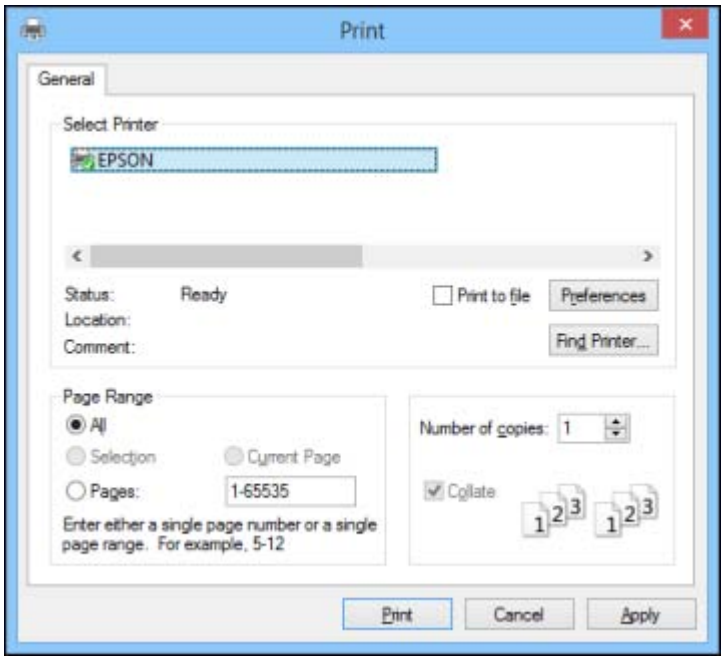
Parent topic: Selecting Extended Settings - Windows

Printing Your Document or Photo - Windows

Once you have selected your print settings, you are ready to save your settings and print.

1. Click **OK** to save your settings.

You see your application's Print window, such as this one:



2. Click **OK** or **Print** to start printing.

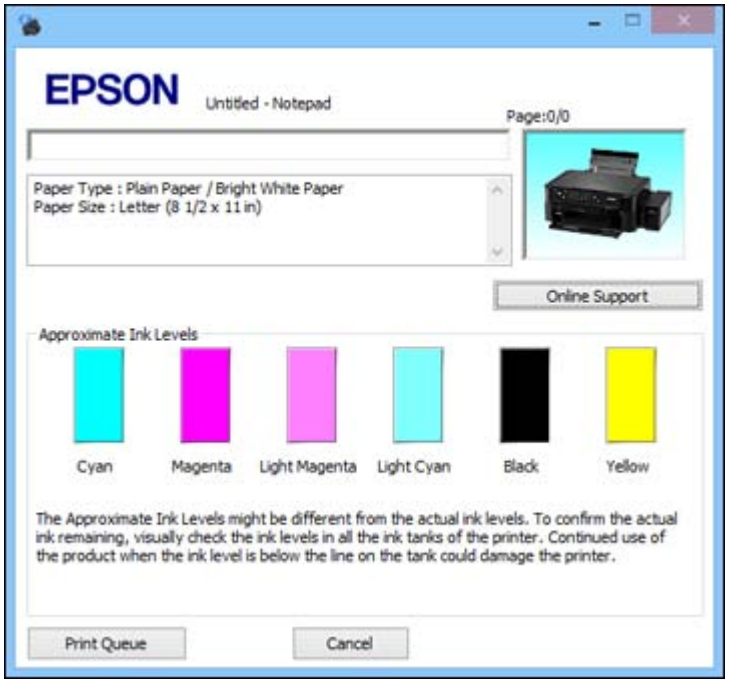
Parent topic: Printing with Windows

Related tasks

Checking Print Status - Windows

Checking Print Status - Windows

During printing, you see this window showing the progress of your print job. It allows you to control printing and check ink status.



- To cancel printing, click **Cancel**.
- To see print jobs lined up for printing, click **Print Queue**.

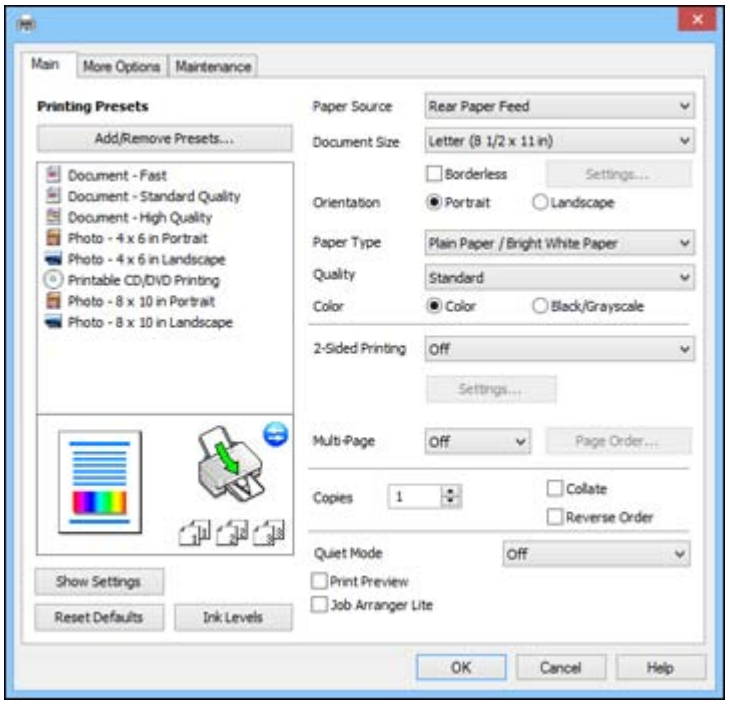
Parent topic: Printing with Windows

Selecting Default Print Settings - Windows

When you change your print settings in a program, the changes apply only while you are printing in that program session. If you want to change the print settings you use in all your Windows programs, you can select new default print settings.

1. Access the Windows Desktop and right-click the product icon in the Windows taskbar.
2. Select **Printer Settings**.

You see the printer settings window:



3. Select the print settings you want to use as defaults in all your Windows programs.
4. Click **OK**.

These settings are now the defaults selected for printing. You can still change them as needed for printing in any program session.

Changing the Language of the Printer Software Screens

Parent topic: Printing with Windows

Changing the Language of the Printer Software Screens

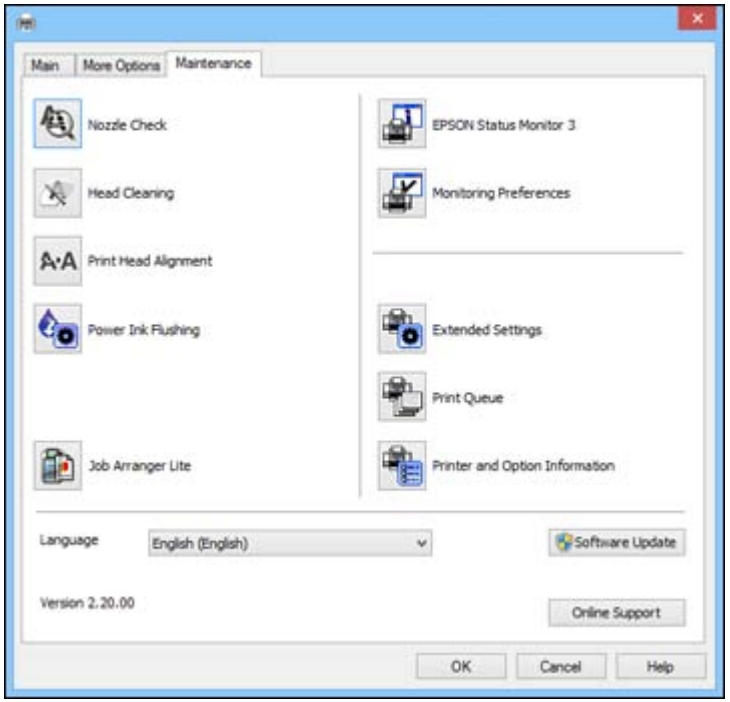
You can change the language used on the Windows printer software screens.

1. Access the Windows Desktop and right-click the product icon in the Windows taskbar.
2. Select **Printer Settings**.

   You see the printer settings window.

3. Click the **Maintenance** tab.

   You see the maintenance options:



4. Select the language you want to use as the **Language** setting.
5. Click **OK** to close the printer software window.

The printer software screens appear in the language you selected the next time you access them.

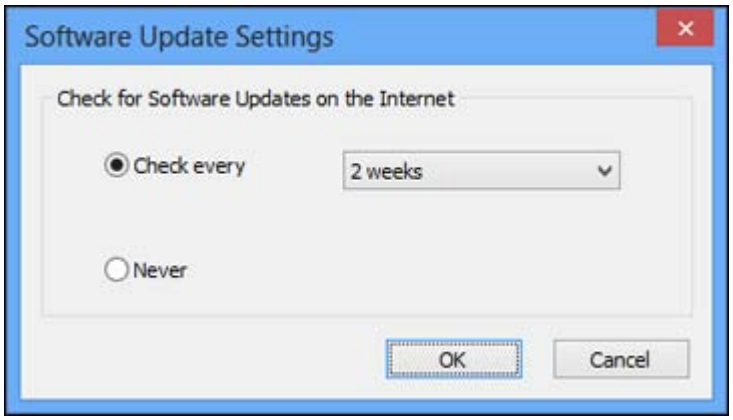
Parent topic: Selecting Default Print Settings - Windows

Changing Automatic Update Options

Your printer software for Windows automatically checks for updates to the product software. You can change how often the software checks for updates or disable this feature.

1. Access the Windows Desktop and right-click the product icon in the Windows taskbar.
2. Select **Software Update Settings**.

You see this window:



3. Do one of the following:
   - To change how often the software checks for updates, select a setting in the **Check every** menu.
   - To disable the automatic update feature, select the **Never** option.
4. Click **OK** to exit.

Note: If you choose to disable the automatic update feature, you can check for updates manually.

Parent topic: Printing with Windows

Related tasks
Checking for Software Updates

Printing with OS X

You can print with your product using any OS X printing program, as described in these sections.

Note: If you have an Internet connection, it is a good idea to check for updates to your product software on Epson's support website.

Selecting Basic Print Settings - OS X
Selecting Page Setup Settings - OS X
Selecting Print Layout Options - OS X

Managing Color - OS X
Selecting Printing Preferences - OS X
Printing Your Document or Photo - OS X

Parent topic: Printing from a Computer

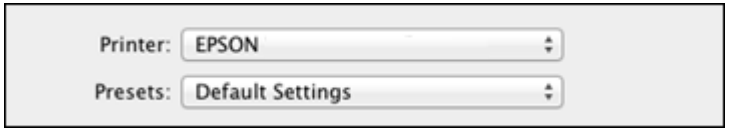
Selecting Basic Print Settings - OS X

Select the basic settings for the document or photo you want to print.

1. Open a photo or document for printing.
2. Select the print command in your application.

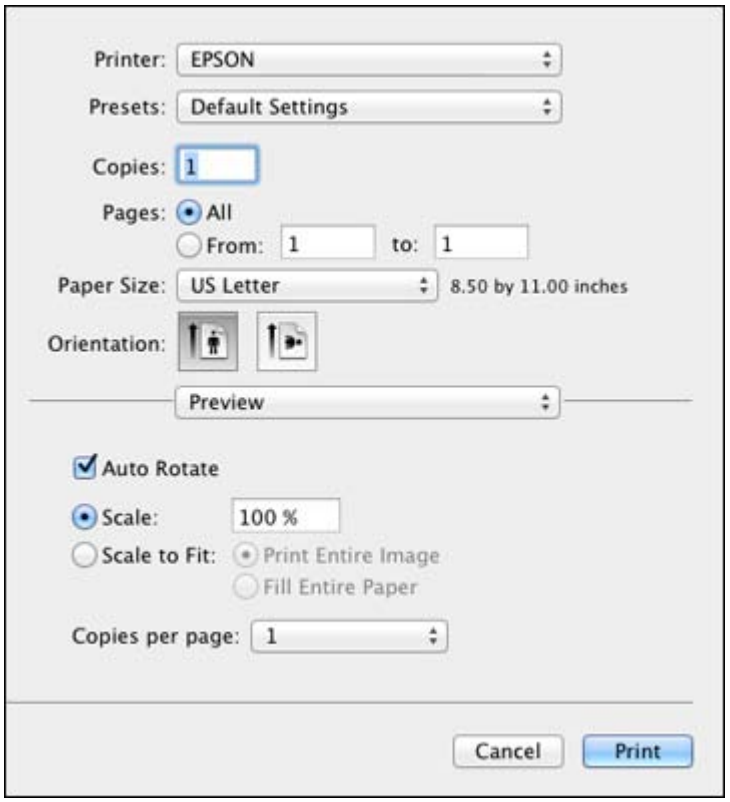
   Note: You may need to select a print icon on your screen, the **Print** option in the File menu, or another command. See your application's help utility for details.

3. Select your product as the **Printer** setting.



4. If necessary, click the arrow next to the Printer setting or the **Show Details** button to expand the print window.

You see the expanded printer settings window for your product:



Note: The print window may look different, depending on the version of OS X and the application you are using.

5. Select the **Copies** and **Pages** settings as necessary.

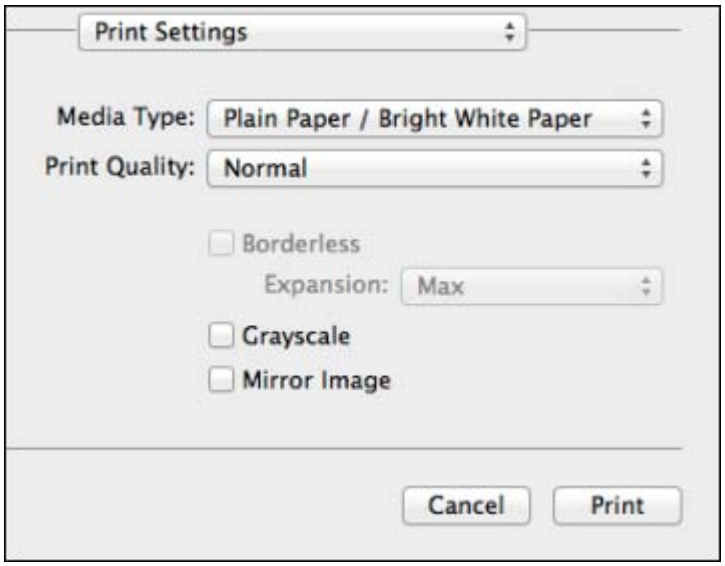
   Note: If you do not see these settings in the print window, check for them in your application before printing.

6. Select the page setup options: **Paper Size** and **Orientation**.

   Note: If you do not see these settings in the print window, check for them in your application before printing. They may be accessible by selecting **Page Setup** from the File menu.

7. Select any application-specific settings that appear on the screen, such as those shown in the image above for the Preview application.
8. Select **Print Settings** from the pop-up menu.

You see these settings:



9. Select the type of paper you loaded as the **Media Type** setting.

   Note: The setting may not exactly match the name of your paper. Check the paper type settings list for details.

10. Select the **Print Quality** setting you want to use.
11. Select any of the available print options.

Print Quality Settings - OS X
Print Options - OS X

Parent topic: Printing with OS X

Related references

Paper or Media Type Settings

Related tasks

Selecting Page Setup Settings - OS X
Printing Your Document or Photo - OS X

Print Quality Settings - OS X

You can select any of the print quality settings to fine-tune the quality of your print. Some settings may be unavailable, depending on the paper type and border setting you have chosen.

Draft
For draft printing on photo paper.

Fast Economy
For the fastest printing with draft quality.

Economy
For fast printing with reduced quality.

Normal
For everyday text and image printing.

Fine
For text and graphics with good quality and print speed.

Quality
For photos and graphics with good quality and print speed.

Best Quality
For the best print quality, but the slowest print speed.

Parent topic: Selecting Basic Print Settings - OS X

Print Options - OS X

You can select any of the print options to customize your print. Some options may be unavailable, depending on other settings you have chosen.

Expansion
If you selected a borderless paper size setting, this option adjusts the image expansion settings to control printing at the edges of borderless prints.

Grayscale
Prints text and graphics in black or shades of gray.

Mirror Image
Lets you flip the printed image horizontally.

Note: If you select the **Min** option for the Expansion setting, you may see white borders on your printed photo.

Parent topic: Selecting Basic Print Settings - OS X

Selecting Page Setup Settings - OS X

Depending on your application, you may be able to select the paper size and orientation settings from the print window.

Note: If you do not see these settings in the print window, check for them in your application before printing. They may be accessible by selecting **Page Setup** from the File menu.

1. Select the size of the paper you loaded as the **Paper Size** setting. If you are printing a borderless photo, select the **Borderless** checkbox or a paper size with a **Borderless** option. You can also select a custom setting to create a custom paper size, but the Quality setting will be limited to **Normal**.

   Note: You must select a compatible borderless paper type and size to print without borders. Check the borderless paper compatibility list for details.

2. Select the orientation of your document or photo as shown in the print window.

   Note: If you are printing an envelope, select the icon.

Note: You can reduce or enlarge the size of the printed image by selecting **Paper Handling** from the pop-up menu and selecting a scaling option.

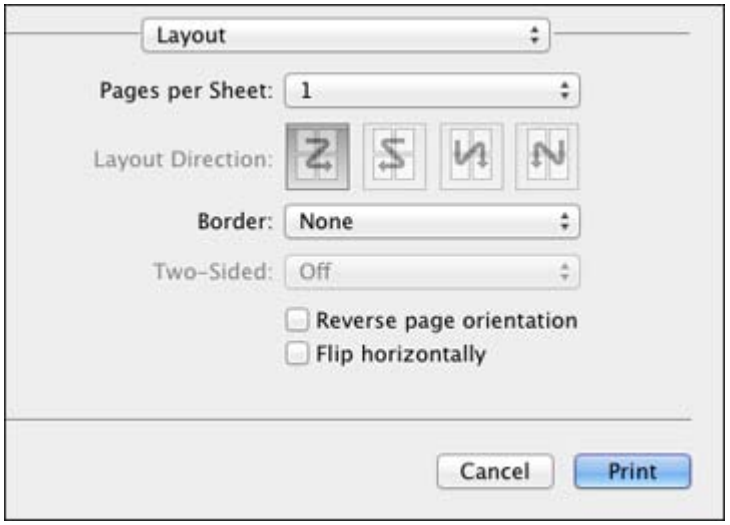
Parent topic: Printing with OS X

Related references

Borderless Paper Type Compatibility

Selecting Print Layout Options - OS X

You can select a variety of layout options for your document or photo by selecting **Layout** from the pop-up menu on the print window.



- To print multiple pages on one sheet of paper, select the number of pages in the **Pages per Sheet** pop-up menu. To arrange the print order of the pages, select a **Layout Direction** setting.
- To print borders around each page on the sheet, select a line setting from the **Border** pop-up menu.
- To invert or flip the printed image, select the **Reverse page orientation** or **Flip horizontally** settings.

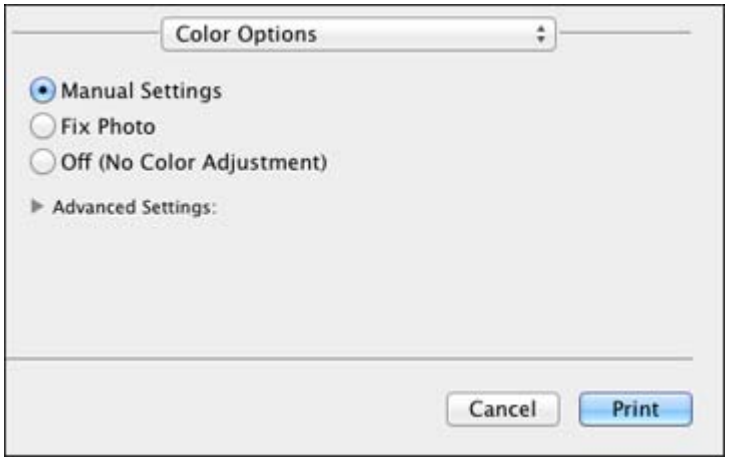
Parent topic: Printing with OS X

Managing Color - OS X

You can adjust the Color Matching and Color Options settings to fine-tune the colors in your printout, or turn off color management in your printer software.

1. Select **Color Matching** from the pop-up menu in the print window.

2. Select one of the available options.
3. Select **Color Options** from the pop-up menu in the print window.



Note: The available settings on the Color Options menu depend on the option you selected on the Color Matching menu.

4. Select one of the available options.

Color Matching and Color Options - OS X

Parent topic: Printing with OS X

Color Matching and Color Options - OS X

You can select from these settings on the **Color Matching** and **Color Options** menus.

Color Matching Settings

EPSON Color Controls
Lets you manage color using controls in your printer software or turn off color management.

ColorSync
Prints using standard color profiles for your product and paper to help match image colors. You can customize the conversion method and filter settings on the ColorSync pop-up menu in the print window.

Color Options Settings

Manual Settings
Lets you select manual color adjustments. Click the arrow next to **Advanced Settings** and select settings for **Brightness**, **Contrast**, **Saturation**, and individual color tones. You can also select a color **Mode** setting for printing photos and graphics and the **Fix Red-Eye** setting to reduce or remove red-eye in photos. Depending on the selected color mode, you can also adjust the midtone density using the **Gamma** setting.

Fix Photo
Improves the color, contrast, and sharpness of flawed photos. Click the arrow next to **Advanced Settings** and select the **Fix Red-Eye** setting to reduce or remove red-eye in photos.

Note: Fix Photo uses a sophisticated face recognition technology to optimize photos that include faces. For this to work, both eyes and the nose must be visible in the subject's face. If your photo includes a face with an intentional color cast, such as a statue, you may want to turn off **Fix Photo** to retain the special color effects.

Off (No Color Adjustment)
Turns off color management in your printer software so you can manage color using only your application software.

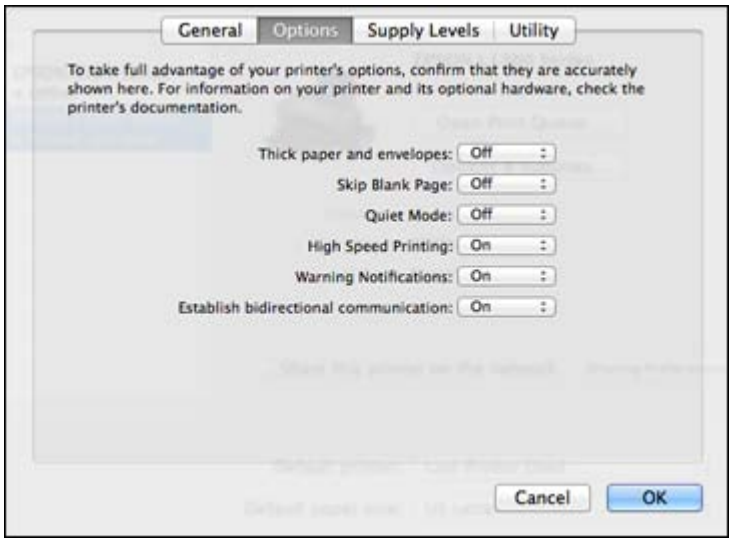
Parent topic: Managing Color - OS X

Selecting Printing Preferences - OS X

You can select printing preferences that apply to all the print jobs you send to your product.

1. In the Apple menu or the Dock, select **System Preferences**.
2. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**.
3. Select **Driver** or **Options**.

You see a screen like this:



4. Select any of the available printing preferences.
5. Click **OK**.

Printing Preferences - OS X

Parent topic: Printing with OS X

Printing Preferences - OS X

You can select from these settings on the **Options** or **Driver** tab.

Thick Paper and Envelopes
Prevents ink from smearing when you print on envelopes or other thick paper.

Skip Blank Page
Ensures that your product does not print pages that contain no text or images.

Quiet Mode
Lessens noise during printing when you select **Plain Paper/Bright White Paper** as the paper Type or Media Type setting.

High Speed Printing
Speeds up printing but may reduce print quality.

Warning Notifications
Lets you choose whether or not to receive warning notifications from the printer software for various operating conditions.

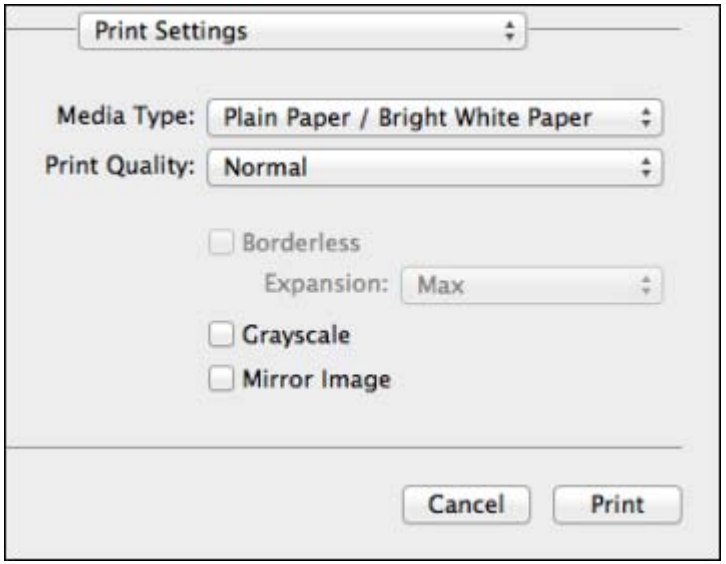
Establish bidirectional communication
Allows the product to communicate with the computer. Do not change the default setting unless you experience issues when using a shared printing pool.

Parent topic: Selecting Printing Preferences - OS X

Printing Your Document or Photo - OS X

Once you have selected your print settings, you are ready to print.

Click **Print** at the bottom of the print window.



Checking Print Status - OS X

Parent topic: Printing with OS X

Checking Print Status - OS X

During printing, you can view the progress of your print job and control printing.

1. Click the printer icon when it appears in the Dock.

You see the print status window:

2. Select the following options as necessary:
   - To cancel printing, click the print job and click or **Delete**.
   - To pause a print job, click the print job and click or **Hold**. To resume a print job, click the paused print job and click or **Resume**.
   - To pause printing for all queued print jobs, click **Pause** or **Pause Printer**.
   - To check ink levels, click **Supply Levels**, or click **Settings**, then click the **Supply Levels** tab.
   - To display other printer information, click **Settings**.

Parent topic: Printing Your Document or Photo - OS X

Cancelling Printing Using a Product Button

If you need to cancel printing, press the stop button on your product.

Parent topic: Printing from a Computer

Using Memory Cards With Your Product

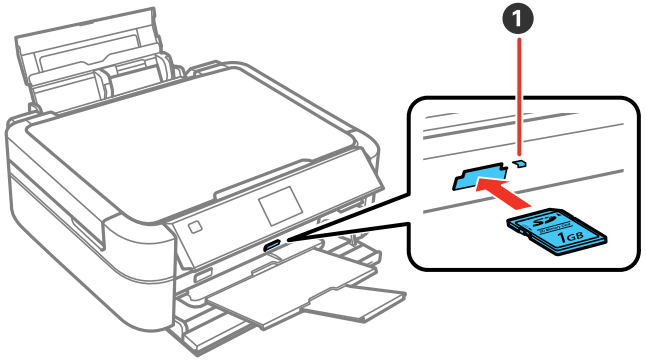
Follow the instructions here to work with a memory card inserted into your product.

Inserting a Memory Card
Printing from a Memory Card
Transferring Photos on a Memory Card

Inserting a Memory Card

Insert only one memory card at a time into the memory card slot on your product.

1. Make sure the memory card and the files on it are compatible with your product before inserting the card.
2. Insert your memory card into the slot, making sure the card is oriented correctly.



1 Memory card access light

Note: Do not force the card all the way into the slot. Insert it only until it meets resistance.

The memory card access light flashes and then stays lit.

Caution: Do not remove the memory card or turn off your product while the memory card access light is flashing, or you may lose data from the memory card.

Memory Card Types
Memory Card File Specifications
Removing a Memory Card

Parent topic: Using Memory Cards With Your Product

Memory Card Types

You can insert these types of memory cards in your product.

Note: Cards marked with an asterisk (*) require an adapter; consult your adapter documentation for details on using it.

You can insert the following cards in the memory card slot:

- SD
- SDHC
- SDXC
- Memory Stick
- Memory Stick PRO
- MagicGate Memory Stick
- Memory Stick Duo*
- Memory Stick PRO Duo*
- Memory Stick PRO-HG Duo*
- Memory Stick Micro*
- MagicGate Memory Stick Duo*
- miniSD*
- miniSDHC*
- microSD*
- microSDHC*
- microSDXC*

Parent topic: Inserting a Memory Card

Memory Card File Specifications

You can insert memory cards in your product containing files that meet these specifications.

File format	JPEG with the Exif version 2.3 standard
Image size	80 × 80 pixels to 9200 × 9200 pixels
File size	Up to 2GB
Number of files	Up to 9990

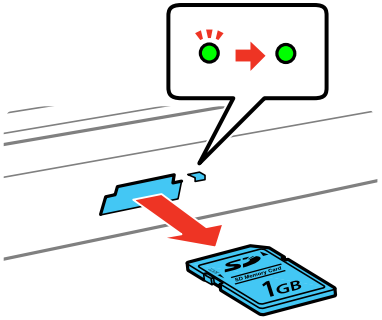
Parent topic: Inserting a Memory Card

Removing a Memory Card

After you finish working with a memory card, you can check to make sure it is safe to remove it from your product.

Caution: Do not remove a memory card or turn off your product while the memory card access light is flashing or you may lose data from the memory card.

1. Make sure the memory card access light is not flashing.



2. If your product is connected to your computer using a USB cable, do one of the following:
   - **Windows**: Open the **My Computer**, **Computer**, **Windows Explorer**, or **File Explorer** utility. Then right-click the name of your memory card (listed as a removable disk) and select **Eject**.
   - **OS X**: Drag the removable disk icon for your memory card from the desktop or computer window into the trash.

3. Pull the memory card straight out of its slot.

Parent topic: Inserting a Memory Card

Printing from a Memory Card

See these sections to print photos from a memory card inserted into your product:

Viewing and Printing Photos
Printing Photo Layouts From a Memory Card
Printing Photo Proofsheets From a Memory Card

Parent topic: Using Memory Cards With Your Product

Viewing and Printing Photos

See these sections to view and print photos displayed on your product's LCD screen.

Viewing and Printing Photos From the LCD Screen
Viewing and Printing Photos From a Slide Show
Print Setting Options - Memory Card
Photo Adjustment Options - Memory Card

Parent topic: Printing from a Memory Card

Viewing and Printing Photos From the LCD Screen

You can select photos for printing as you view them on the LCD screen.

1. Press the ⌂ home button, if necessary.
2. Press the arrow buttons to select **Print Photos** and press the **OK** button.
3. Select **View and Print Photos** and press the **OK** button.

A photo on your memory card is displayed:

4. Press the right and left arrow buttons to scroll through your photos and display one that you want to view or print.
5. Press the **+** or **–** buttons to select one or more copies of the photo (up to 99).
6. To crop, zoom into, or rotate a photo, press the display/crop button.
7. To view and select additional photos for printing, repeat the steps above.
8. To view additional settings, press the menu button.

   You see this screen:

9. Do one of the following:
   - To select photos by date or all photos, select **Select Photos**, press the **OK** button, and make your selection.
   - To change the print settings, select **Print Settings**, press the **OK** button, and select the necessary settings.
   - To change the appearance (e.g., brightness and contrast) of your printed photos, select **Photo Adjustments**, press the **OK** button, and select the necessary settings.
10. When you are ready to print, press the ◇ start button.

    Note: To cancel printing, press the ⊘ stop button.

Parent topic: Viewing and Printing Photos

Viewing and Printing Photos From a Slide Show

You can view photos one at a time as a slide show on the LCD screen and select the one you want to print.

1. Press the ⌂ home button, if necessary.
2. Press the arrow buttons to select **Print Photos** and press the **OK** button.
3. Select **Slide Show** and press the **OK** button.
4. To select a displayed photo for printing, press the **OK** button. (Press the up or down arrow buttons to pause or resume the slide show as necessary.)
5. Follow the instructions on the LCD screen to select any additional settings.
6. When you are ready to print, press the ◇ start button.

   Note: To cancel printing, press the ⊘ stop button.

Parent topic: Viewing and Printing Photos

Print Setting Options - Memory Card

Select the **Print Settings** options you want to use when printing photos displayed on the LCD screen.

Print settings	Available options	Description
Paper Size	Various paper sizes	Indicates the size of paper you have loaded

Print settings	Available options	Description
Paper Type	Various paper types	Indicates the type of paper you have loaded; see the list of paper types for copying (available options depend on the selected **Paper Size** setting)
Borderless	**Borderless**	Expands the image to the edge of the paper (slight cropping may occur)
	With Border	Leaves a small margin around the image
Quality	**Draft**	Provides lower quality for draft printing
	Standard	Provides good quality for most prints
	Best	Provides the highest quality for important prints
Expansion	**Standard**	Expands images correctly for most borderless prints
	Medium	Expands images slightly less for borderless prints
	Minimum	Expands images the least for borderless prints (you may see some white border)
Date	Various date formats	Prints the date the photo was taken on the photo in the format you select
Fit Frame	**On**	Automatically crops the photo to fit into the selected photo layout
	Off	Turns off automatic cropping
Bidirectional	**On**	Prints at normal speed
	Off	Slows down printing to improve print quality

Note: To return to default print settings, press the ⊘ stop button, select **Yes** and press the **OK** button.

Parent topic: Viewing and Printing Photos

Photo Adjustment Options - Memory Card

Select the **Photo Adjustment** options you want to use when viewing and printing photos displayed on the LCD screen. The modifications affect only the printed copy of the photo, not the original file.

Photo Adjustment settings	Available options	Description
Fix Photo	**Fix Photo On**	Automatically adjusts the brightness, contrast, and saturation of the photo based on the **Scene Detection** setting that is selected
	Fix Photo Off	Turns off automatic adjustments; see **Note** below
	P.I.M.	Uses your camera's PRINT Image Matching or Exif Print adjustments
Scene Detection	**Automatic**	Optimizes the **Fix Photo** adjustments for specific types of photos; select the option that best matches your photo content
	People	
	Landscape	
	Night Scene	
Fix Red-Eye	**Off - Current**	Automatically fixes the red-eye effect in photos
	On - Current	
	Off - All	
	On - All	
Filter	**Off**	Applies a sepia tone or black-and-white filter to your photo
	Sepia	
	B&W	
Brightness	Various settings	Adjust individual qualities in your photo
Contrast		
Sharpness		
Saturation		

Note: Fix Photo uses a sophisticated face recognition technology to optimize photos that include faces. For this to work, both eyes and the nose must be visible in the subject's face. If your photo includes a face with an intentional color cast, such as a statue, you may want to turn off **Fix Photo** to retain the special color effects.

Parent topic: Viewing and Printing Photos

Printing Photo Layouts From a Memory Card

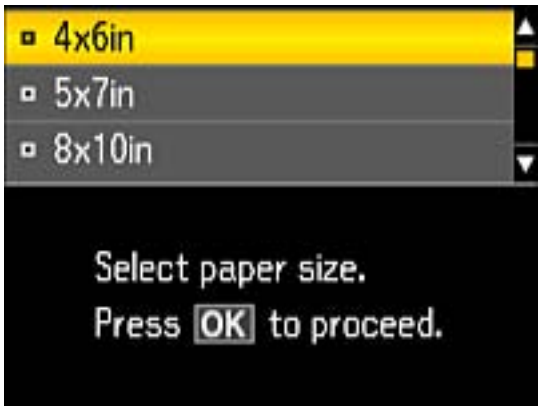
You can print one or more photos from a memory card in special layouts on various sizes of photo paper.

1. Load photo paper in your product.
2. Press the home button, if necessary.
3. Press the arrow buttons to select **Print Photos** and press the **OK** button.
4. Select **Photo Layout Sheet** and press the **OK** button.

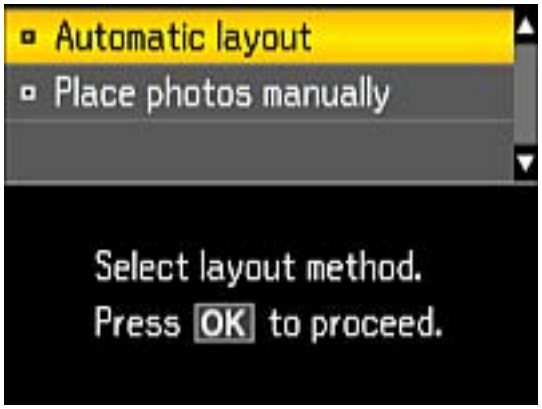
   You see this screen:

5. Select one of the layout options and press the **OK** button.

You see a screen like this:



6. Select the paper size setting that matches the paper you loaded and press the **OK** button.
7. Select the paper type setting that matches the paper you loaded and press the **OK** button.
8. If you see the screen below, do one of the following:



- To allow your product to place photos in the layout automatically, select **Automatic Layout** and press the **OK** button. Follow the instructions on the LCD screen to select the photos to print. Press the **OK** button when you're finished.

- To place photos in the layout manually, select **Place Photos Manually** and press the **OK** button. Follow the instructions on the LCD screen to select and place photos on your layout sheet.

  Note: If the printer does not automatically advance to the next screen when you're finished placing your photos, select **Finished** and press the **OK** button.

9. When you see the screen below, select from the following options:

- If you want to change the print settings, press the menu button.
- To print more than one copy, press the **+** or **–** buttons to select the number (up to 99).
- If you are finished, press the **OK** button.

10. When you are ready to print, press the start button.

    Note: To cancel printing, press the stop button.

Photo Layout Options

Parent topic: Printing from a Memory Card

Related references

Print Setting Options - Memory Card

Photo Adjustment Options - Memory Card

Related tasks

Loading Paper in the Printer

Photo Layout Options

Select the layout you want to use when printing your photos in a layout.

Picture Package
Prints one photo in multiple sizes on one sheet.

2-up, 4-up, 8-up, or 20-up
Print 2, 4, 8, or 20 photos on one sheet.

Upper ½ or Lower ½
Print one photo in the upper or lower half of the sheet.

Photo ID
Prints 4 ID-sized photos on one sheet.

Jewel Upper
Prints one photo on the upper half of a folded jewel case insert.

Jewel Index
Prints 24 to 48 thumbnail images on a folded jewel case insert.

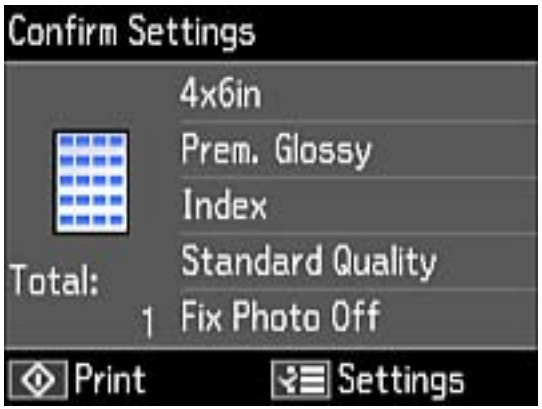
Parent topic: Printing Photo Layouts From a Memory Card

Printing Photo Proofsheets From a Memory Card

You can print a proof sheet containing small versions of all the photos on your memory card.

1. Press the home button, if necessary.
2. Press the arrow buttons to select **Print Photos** and press the **OK** button.
3. Select **Print Proof Sheet** and press the **OK** button.

You see a screen like this:



4. To change any of the print settings displayed on the LCD screen, press the menu button, select **Print Settings**, press the **OK** button, and select the necessary settings.
5. When you are ready to print, press the start button.

Note: To cancel printing, press the stop button.

Parent topic: Printing from a Memory Card

Related references

Print Setting Options - Memory Card

Transferring Photos on a Memory Card

You can transfer photos to and from a memory card inserted into a memory card slot on your product.

Transferring Photos from a Memory Card to Your Computer

Transferring Photos From a Memory Card to an External Device

Parent topic: Using Memory Cards With Your Product

Transferring Photos from a Memory Card to Your Computer

You can transfer photos to and from a memory inserted into a memory card slot on your product and a computer connected to your product.

Note: Do not transfer photos to and from a memory card while you are printing from the memory card.

1. Make sure your product is connected to a computer.
2. Insert a memory card into a memory card slot on your product.
3. Do one of the following to access your memory card files from your computer:
   - **Windows**: Open the **Computer**, **My Computer**, **Windows Explorer**, or **File Explorer** utility.
   - **OS X**: Look for the removable disk icon on your desktop or computer window.
4. Select the removable disk icon.
5. Select the folder that contains your photos.
6. Drag the photos you want to transfer to the desired folder on your computer or on your memory card.

Note: Your product's LCD screen does not update to display new photos transferred to the memory card. Wait until the memory card access light stops flashing, then remove and insert the memory card to update the photos displayed.

Parent topic: Transferring Photos on a Memory Card

Related tasks

Inserting a Memory Card

Transferring Photos From a Memory Card to an External Device

You can back up photos from your memory card to an external storage device connected to the product, such as a USB flash drive or external hard drive.

Note: Epson cannot guarantee the compatibility of your storage device.

1. Insert a memory card into a memory card slot on your product.
2. Insert your USB flash drive or the USB cable for your external drive into the USB port on the front of your product.
3. Insert storage media (such as a CD) into your drive, if necessary.
4. Press the home button, if necessary.
5. Press the arrow buttons to select **Back Up Data** and press the **OK** button.
6. Select **Back Up Memory Card** and press the **OK** button.

7. Disconnect the product from your computer and press the **OK** button, then follow the instructions on the screen begin copying files to the external device.
8. When the backup is finished, you can remove your memory card and disconnect the external device.

The files are saved in folders numbered for each backup session.

Parent topic: Transferring Photos on a Memory Card

Related tasks

Removing a Memory Card

Using an External Device with Your Product

Follow the instructions in these sections to use your product with an external device, such as a camera, USB flash drive, or other device.

Printing from a Camera Connected to Your Product

Viewing or Printing from a USB Flash Drive or External Device

Printing from a Camera Connected to Your Product

If you have a digital camera that supports PictBridge printing, you can connect it to the product and print your photos directly from the camera. Check your camera manual to see if it is compatible.

Note: Your photos must be in JPG format and sized from 80 × 80 to 9200 × 9200 pixels. Epson cannot guarantee the compatibility of your camera. Some combinations of paper type, size, and layout may not be supported, depending on your camera and the product settings.

Selecting Print and Photo Adjustment Settings

Connecting and Printing from a Camera

Parent topic: Using an External Device with Your Product

Related tasks

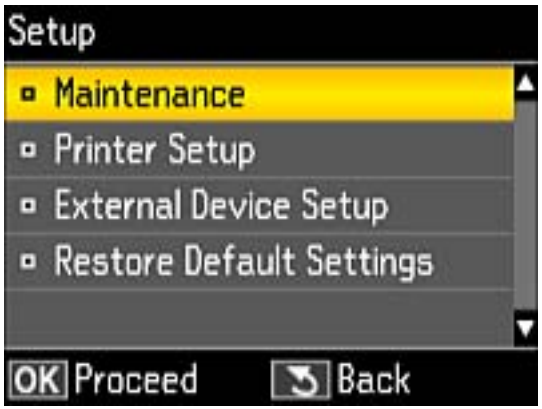
Connecting and Printing from a Camera

Selecting Print and Photo Adjustment Settings

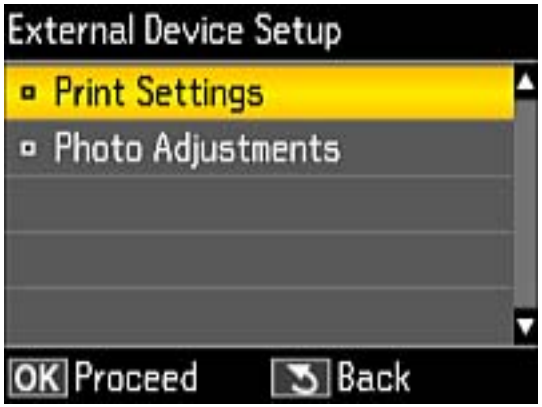
Before printing from your camera, you can make image adjustments and select the print settings for your photos. Image adjustments affect only the printed copy of the photo, not the original file.

1. Press the home button, if necessary.

2. Press the arrow buttons to select **Setup** and press the **OK** button.



3. Select **External Device Setup** and press the **OK** button.



4. Select **Print Settings** and press the **OK** button.

5. Select the print settings you want to use.
6. When you are done, press the back button.
7. Select **Photo Adjustments** and press the **OK** button.

8. Select the photo adjustments you want to use, then press the home button to exit.

After you select settings, you are ready to connect your camera and print your photos.

Print Settings - Camera

Photo Adjustments - Camera

Parent topic: Printing from a Camera Connected to Your Product

Print Settings - Camera

Select these print settings options when printing photos from your camera.

Print settings	Available options	Description
Paper Size	Various paper sizes	Indicates the size of paper you have loaded
Paper Type	Various paper types	Indicates the type of paper you have loaded; see the list of paper types for copying (available options depend on the selected **Paper Size** setting)
Layout	**Borderless**	Expands the image to the edge of the paper (slight cropping may occur)
	With Border	Leaves a small margin around the image
	Picture Package	Prints one photo in multiple sizes on one sheet
	1-up, 2-up, 4-up, 8-up, 20-up, and 80-up, Variety	Prints the selected number of photos on one sheet or CD/DVD
	Upper ½ or Lower ½	Prints one photo in the upper or lower half of the sheet
	Photo ID	Prints 4 ID-sized photos on one sheet
	Jewel Upper	Prints one photo on the upper half of a folded jewel case insert
	Jewel Index	Prints 24 to 48 thumbnail images on a folded jewel case insert
Quality	**Draft**	Provides lower quality for draft printing
	Standard	Provides good quality for most prints
	Best	Provides the highest quality for important prints

Print settings	Available options	Description
Expansion	**Standard**	Expands images correctly for most borderless prints
	Medium	Expands images slightly less for borderless prints
	Minimum	Expands images the least for borderless prints (you may see some white border)
Date	**Off**	Does not print the date on which the photo was taken
	On	Prints the date on which the photo was taken
Fit Frame	**On**	Automatically crops the photo to fit into the selected photo layout
	Off	Turns off automatic cropping
Bidirectional	**On**	Prints at normal speed
	Off	Slows down printing to improve print quality
CD Inner/Outer	Range of measurements	Selects inner and outer diameter for printing on CDs/DVDs from your camera
CD Density	**Standard Density**	Adjusts the print density when printing on CDs/DVDs from your camera
	Darker	
	Darkest	

Parent topic: Selecting Print and Photo Adjustment Settings

Photo Adjustments - Camera

Select these photo adjustment options when printing photos from your camera. The modifications affect only the printed copy of the photo, not the original file.

Photo Adjustments settings	Available options	Description
Fix Photo	**Fix Photo On**	Automatically adjusts the brightness, contrast, and saturation of the photo based on the **Scene Detection** setting that is selected
	Fix Photo Off	Turns off automatic adjustments; see **Note** below
	P.I.M	Uses your camera's PRINT Image Matching or Exif Print adjustments
Scene Detection	**Automatic**	Optimizes the **Fix Photo** adjustments for specific types of photos; select the option that best matches your photo content
	People	
	Landscape	
	Night Scene	
Fix Red-Eye	**Off**	Does not automatically fix the red-eye effect in photos
	On	Automatically fixes the red-eye effect in photos
Filter	**Off**	Turns off the filter setting
	Sepia	Applies a sepia tone filter to the viewed or printed photo
	B&W	Applies a black-and-white filter to the viewed or printed photo
Brightness	Various settings	Adjust individual qualities in your photo
Contrast		
Sharpness		
Saturation		

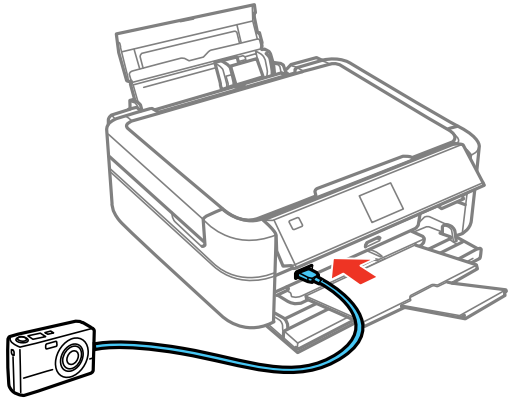
Note: Fix Photo uses a sophisticated face recognition technology to optimize photos that include faces. For this to work, both eyes and the nose must be visible in the subject's face. If your photo includes a face with an intentional color cast, such as a statue, you may want to turn off **Fix Photo** to retain the special color effects.

Parent topic: Selecting Print and Photo Adjustment Settings

Connecting and Printing from a Camera

Before you connect your camera, make sure the product is turned on but not printing.

1. Remove any memory cards from the product.
2. Load the paper you want to use for printing.
3. Connect the USB cable that came with your camera to the USB port on the front of your product.



Note: You cannot use the USB port to transfer images from your camera to your computer.

4. Turn on your camera.
5. Follow the instructions that came with your camera to select and print your photos.

When you finish printing, turn off your camera and disconnect it from the product.

Parent topic: Printing from a Camera Connected to Your Product

Related tasks

Loading Paper in the Printer

Removing a Memory Card

Viewing or Printing from a USB Flash Drive or External Device

You can view and print photos from a USB thumb drive or other external storage device, such as an external hard drive or CD/DVD burner.

Note: Make sure the files on your device are compatible with the product.

USB Device File Specifications
Connecting and Using a USB Flash Drive or External Device

Parent topic: Using an External Device with Your Product

USB Device File Specifications

You can print external device files that meet these specifications.

File format	JPEG with the Exif version 2.3 standard
Image size	80 × 80 pixels to 9200 × 9200 pixels
File size	Up to 2GB
Number of files	Up to 9990

Parent topic: Viewing or Printing from a USB Flash Drive or External Device

Connecting and Using a USB Flash Drive or External Device

Before you connect your thumb drive or device, make sure the product is turned on but not printing.

Note: Epson cannot guarantee the compatibility of your drive.

1. Remove any memory cards from the product.
2. Load the paper you want to use for printing.
3. Insert your USB thumb drive or the USB cable that came with your device into the USB port on the front of your product.
4. Insert storage media (such as a CD) into your drive, if necessary.
5. Press the home button, if necessary.
6. Press the arrow buttons to select **Print Photos** and press the **OK** button.
7. Select **View and Print Photos** and press the **OK** button
8. Select the photos to print from the LCD screen.

When you finish printing, make sure the access light on the drive is not flashing, then remove or disconnect it from the product.

Caution: Do not remove the USB drive or turn off the product when the access light is flashing, or you may lose photos on the drive.

Parent topic: Viewing or Printing from a USB Flash Drive or External Device

Related tasks

Removing a Memory Card
Loading Paper in the Printer

Related topics

Viewing and Printing Photos

Printing on CDs/DVDs

Follow the instructions here to print a design onto ink jet-printable CDs or DVDs to create a custom label.

CD/DVD Printing Features
Loading a CD/DVD
Removing a Printed CD/DVD
Printing Photos from a Memory Card Onto a CD/DVD
Printing a Jewel Case Insert from a Memory Card
Printing on CDs/DVDs from a Computer

CD/DVD Printing Features

You can use any of the following features to print custom CD/DVD labels and accessories:

- Use your product's control panel to print photos from a memory card onto a CD/DVD
- Print text and images from your computer using the Epson Print CD software

You can also use your product's control panel to create a jewel case insert with photos from a memory card.

Parent topic: Printing on CDs/DVDs

Related tasks

Printing Photos from a Memory Card Onto a CD/DVD
Printing a Jewel Case Insert from a Memory Card

Related topics

Printing on CDs/DVDs from a Computer

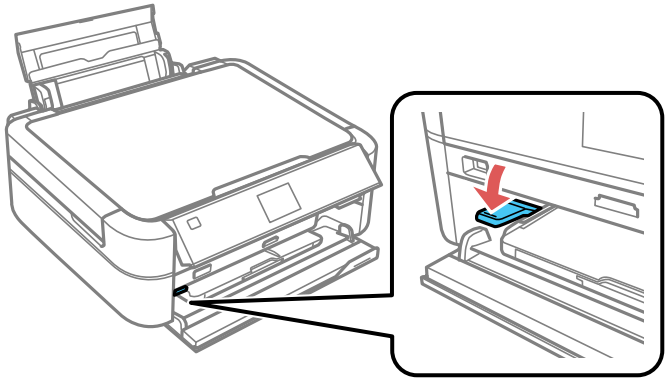
Loading a CD/DVD

You can print on any compatible, ink jet-printable CDs or DVDs, including Blu-ray Discs.

Caution: Do not turn the product off or on with the CD/DVD tray inserted. Do not insert the CD/DVD tray while the product is printing or performing other operations. Otherwise, your product may be damaged or the surface of the CD/DVD may become dirty or scratched.

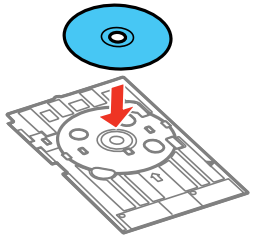
Note: If you are using discs where the printable area extends to within 0.16 inch (4 mm) of the center hole, you may need to adjust the inner diameter setting using the control panel or Epson Print CD software.

1. Burn your files, music, or video onto your disc before printing on it.
2. Make sure the product is turned on.
3. Open the front cover.
4. Remove any paper from the output tray and make sure the output tray is closed.
5. Lower the tray lever.

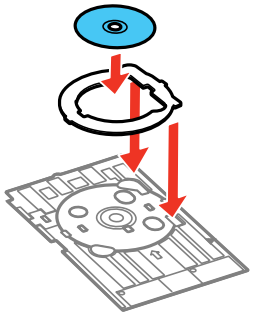


Caution: Do not move the tray lever while the product is printing.

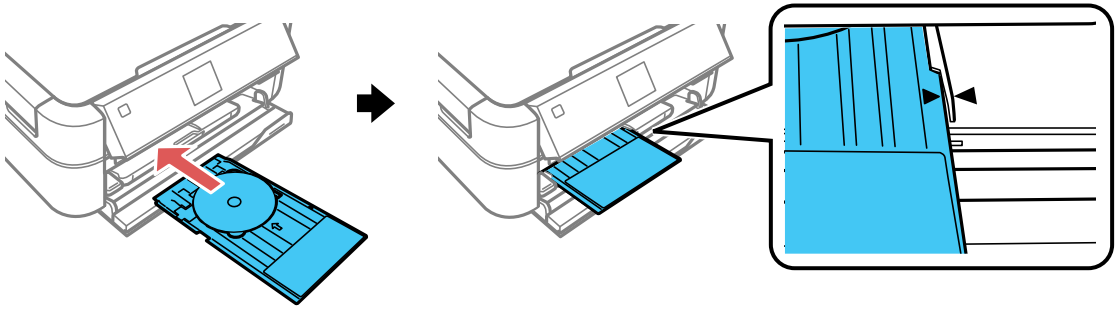
6. Place a CD or DVD on the CD/DVD tray with the printable side faceup.



Note: For small 8-cm discs, place the adapter on the tray and then place the disc in the adapter.



7. Gently insert the CD/DVD tray into the CD/DVD feed tray. Push in the tray until the arrows on the tray and the feed tray are aligned.

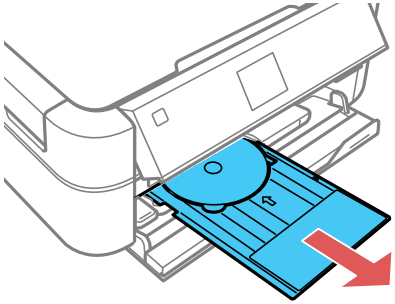


Parent topic: Printing on CDs/DVDs

Removing a Printed CD/DVD

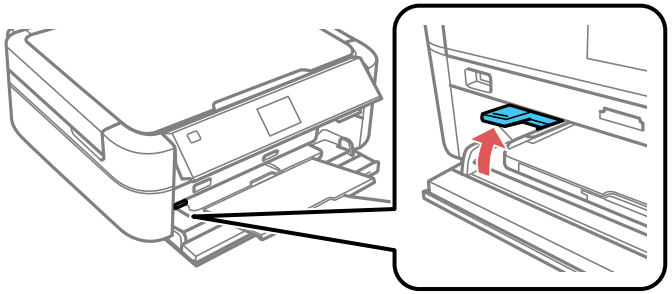
After your CD or DVD is printed, the tray ejects partially from the product.

1. Pull the CD/DVD tray out of the product and remove your CD or DVD from the tray.



Note: Store the CD/DVD tray on a flat surface to prevent it from warping.

2. Raise the tray lever.



Caution: Do not move the tray lever while the product is printing.

After printing, handle the CD or DVD carefully. You may need to wait up to 24 hours for the ink to dry fully before inserting it in a drive, depending on the type of disc you used. Keep printed discs away from moisture and direct sunlight.

Parent topic: Printing on CDs/DVDs

Printing Photos from a Memory Card Onto a CD/DVD

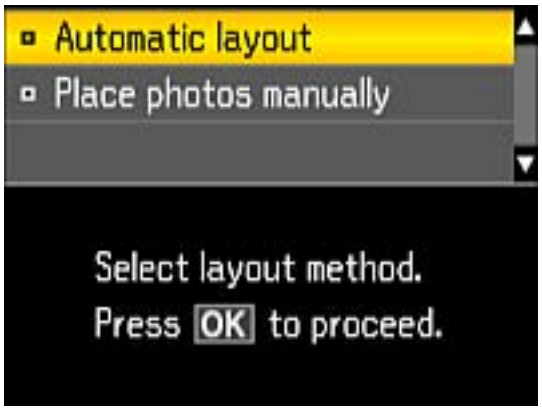
You can print one or more photos from a memory card directly onto a CD/DVD. If you want, you can first print a test design on plain paper.

1. Insert a memory card into a memory card slot on your product.
2. Press the home button, if necessary.
3. Press the arrow buttons to select **Print Photos** and press the **OK** button.
4. Select **Print on CD/DVD** and press the **OK** button.

   You see this screen:

5. Select a layout and press the **OK** button.

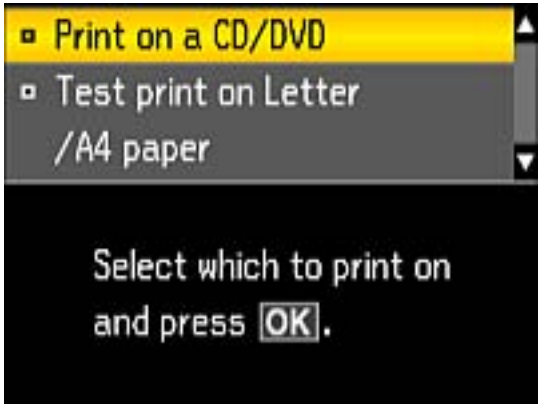
6. If you see the screen below, do one of the following:



- To allow your product to place photos in the layout automatically, select **Automatic Layout** and press the **OK** button.
- To place photos in the layout manually, select **Place Photos Manually** and press the **OK** button.

7. Follow the instructions on the screen to select your photo or photos.
8. When you see the screen to adjust the inner and outer diameter of your CD or DVD, adjust the settings if necessary, and press the **OK** button.

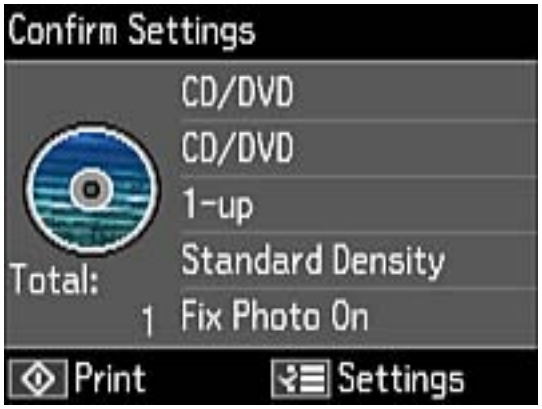
   You see this screen:



9. Select **Print on a CD/DVD** and press the **OK** button.

   Note: You can also select **Test print on Letter/A4 paper** to print a test page of your design on plain paper before printing on a CD/DVD.

10. Load the CD, DVD, or plain paper you want to print on.
11. Follow the instructions on the LCD screen until you see this screen:



12. Select any print settings as needed.
13. When you are ready to print, press the ◇ start button.

    Note: To cancel printing, press the ⊗ stop button.

Parent topic: Printing on CDs/DVDs

Related tasks

Inserting a Memory Card

Loading a CD/DVD

Printing a Jewel Case Insert from a Memory Card

You can print a photo from a memory card, automatically sized to fit on a CD/DVD jewel case insert. You can also print thumbnail images formatted to fit on a jewel case insert. After the insert is printed, you can cut and fold it to fit.

1. Insert a memory card into a memory card slot on your product.
2. Load the paper you want to print on.
3. Press the home button, if necessary.
4. Press the arrow buttons to select **Print Photos** and press the **OK** button.
5. Select **Photo Layout Sheet** and press the **OK** button.

6. Select one of the following and press the **OK** button:
   - **Jewel Upper** to print one photo on the upper half of the insert.
   - **Jewel Index** to print 24 or 48 thumbnail images on the insert.
7. Select your paper size and type, and press the **OK** button.
8. Follow the instructions on the LCD display to select your photos and set the number of copies.
9. When you are ready to print, press the start button.

   Note: To cancel printing, press the stop button.

10. After your insert is printed, cut and fold it following the crop lines.

Parent topic: Printing on CDs/DVDs

Related tasks

Inserting a Memory Card

Loading Paper in the Printer

Printing on CDs/DVDs from a Computer

Before printing directly on CDs or DVDs from your computer, make sure you have set up your product as described on the *Start Here* sheet, and installed the Epson Print CD software.

Starting Epson Print CD - Windows

Starting Epson Print CD - OS X

Printing Your CD/DVD Design - Windows

Printing Your CD/DVD Design - OS X

Parent topic: Printing on CDs/DVDs

Related tasks

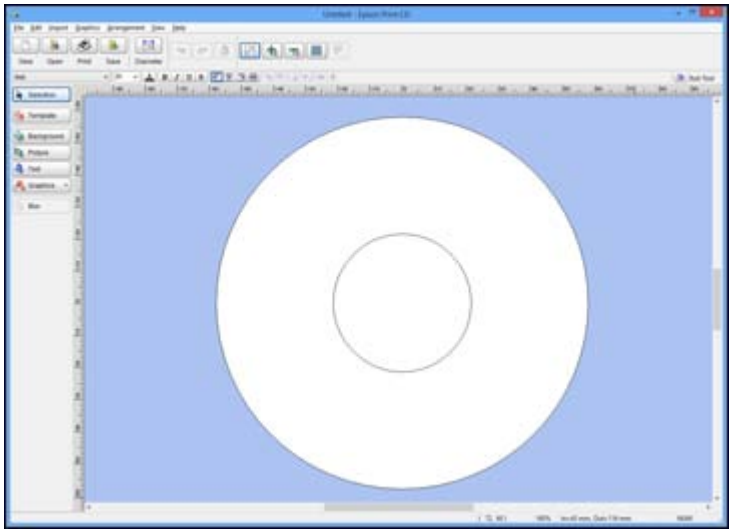
Loading a CD/DVD

Starting Epson Print CD - Windows

You can use Epson Print CD to design your disc by importing photos, adding text, and creating special effects.

1. Select the Epson Print CD icon on your Windows Desktop.

   You see a screen like this:



2. Use the buttons on the left side of the screen to select a pre-designed template or add a background image, picture, text, or graphic elements. For more information, select the **Help** menu.
3. When you are finished creating your design, click **Save** and save your design file.

Parent topic: Printing on CDs/DVDs from a Computer

Related tasks

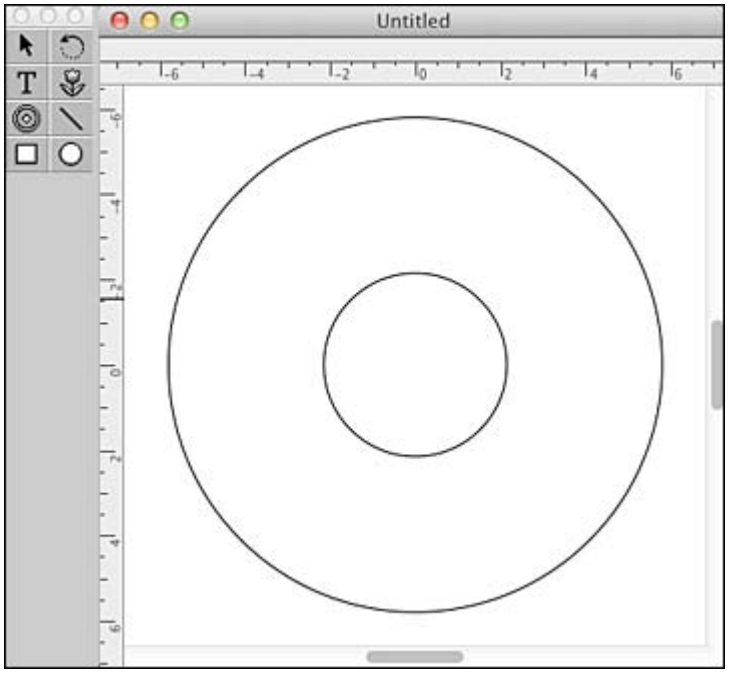
Printing Your CD/DVD Design - Windows

Starting Epson Print CD - OS X

You can use Epson Print CD to design your disc by importing photos, adding text, and creating special effects.

1. Open the Epson Print CD program in the **Applications > Epson Software > Print CD** folder on your Mac.

   You see a screen like this:



2. Use the icons on the left side of the screen to add a background image, picture, text, or graphic elements.
3. When you are finished creating your design, make sure you save it.

Parent topic: Printing on CDs/DVDs from a Computer

Related tasks

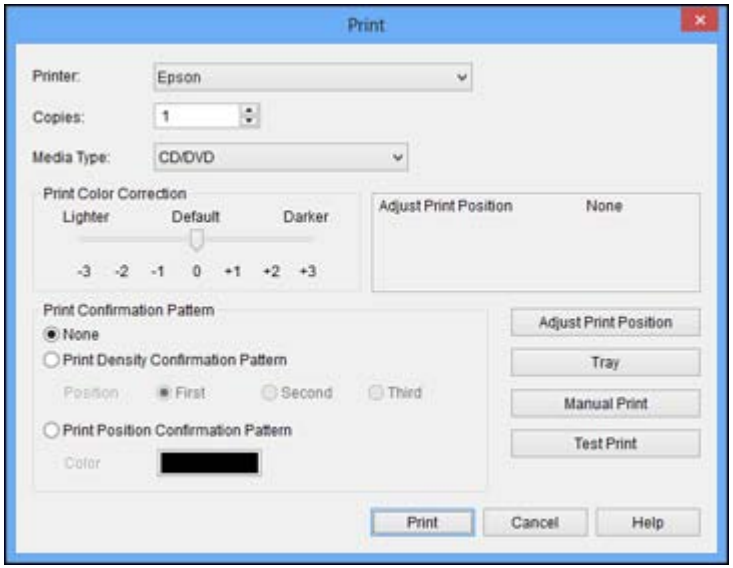
Printing Your CD/DVD Design - OS X

Printing Your CD/DVD Design - Windows

After you create your design, you can print it on paper to test it, then print it on the CD or DVD that contains your data, photos, video, or music. Make sure the disc is loaded for printing before you start.

1. Open your file in Epson Print CD and click **Print**.

   You see a screen like this:



2. Make sure your product is selected as the **Printer** setting.
3. To see how your design will look without printing on the disc, click **Test Print** and follow the instructions on the screen.
4. When you are ready to print on the disc, click the **Print** button on the screen.

5. Click **Print**.

Note: If you need to adjust the print position or print quality, see the Epson Print CD Help utility for instructions.

Parent topic: Printing on CDs/DVDs from a Computer

Related tasks

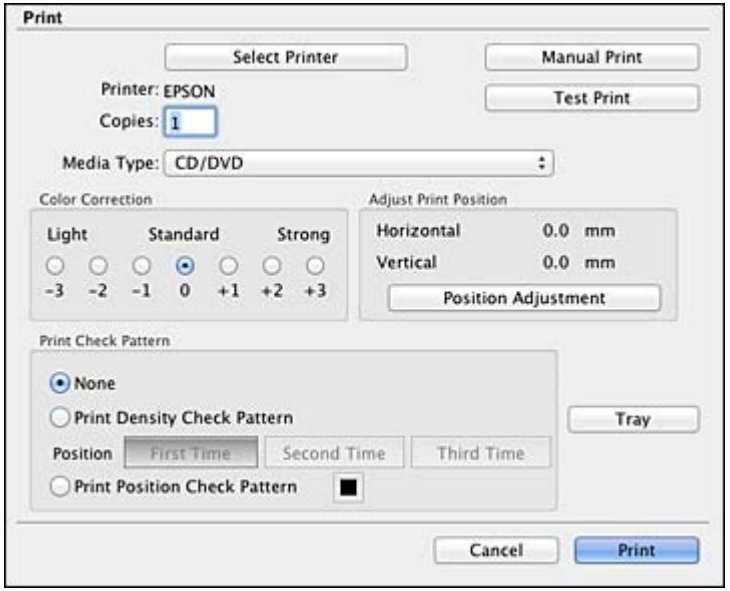
Starting Epson Print CD - Windows

Printing Your CD/DVD Design - OS X

After you create your design, you can print it on paper to test it, then print it on the CD or DVD that contains your data, photos, video, or music. Make sure the disc is loaded for printing before you start.

1. Open your file in Epson Print CD and select **Print** from the File menu.

   You see a screen like this:



2. Make sure your product is selected as the **Printer** setting.

3. To see how your design will look without printing on the disc, select **Test Print** and follow the instructions on the screen.
4. When you are ready to print on the disc, click the **Print** button on the screen.

Note: If you need to adjust the print position or print quality, see the Epson Print CD Help utility for instructions.

Parent topic: Printing on CDs/DVDs from a Computer

Related tasks

Starting Epson Print CD - OS X

Refilling Ink

When the ink level is below the lower line on an ink tank, you need to refill it.

Before checking the ink level or refilling an ink tank as described here, be sure to read the ink safety precautions.

Caution: If the ink level is below the lower line on the ink tank, fill it to the upper line on the ink tank. Continued use of the product when the ink level is below the lower line on the tank could damage the product.

Ink Safety Precautions
Check Ink Levels
Purchase Epson Ink
Refilling the Ink Tanks

Ink Safety Precautions

Note: The product has a low ink alert system. The accuracy of this system depends on the user refilling the ink tanks correctly. The product cannot directly measure the ink levels in the tanks, instead it estimates the amount of ink remaining by internally monitoring ink usage. The low ink alert system may generate inaccurate messages if the ink tanks are not refilled according to the instructions in this manual.

As a precaution, perform regular visual inspections of the ink tanks to ensure ink levels do no fall below the lower line. Continued use of the product when the ink level is below the lower line on the tank could damage the product.

Ink Handling Precautions

Observe the following when handling the ink:

- Keep ink bottles and the ink tank unit out of the reach of children. Do not allow children to drink from or handle the ink bottles and bottle caps.
- Do not tilt or shake an ink bottle after removing its seal; otherwise, ink may leak.

Ink Refilling Precautions

- Use ink bottles with the correct part number for this product.

- The use of non-Epson ink may cause damage that is not covered by Epson's warranty, and under certain circumstances, may cause erratic product behavior.
- This product requires careful handling of ink. Ink may splatter when the ink tanks are filled or refilled with ink. If ink gets on your clothes or belongings, it may not come off.
- Do not open the ink bottle package until you are ready to fill an ink tank. Ink bottles are vacuum packed to maintain reliability. If you leave an ink bottle unpacked for a long time before using it, print quality may be affected.
- If the ink level is below the lower line on the ink tank, refill the ink soon. Continued use of the product when the ink level is below the lower line on the ink tank could damage the product.
- Epson recommends filling all ink tanks to the upper line when the product is not operating to reset the ink levels.
- After bringing an ink bottle inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
- Store ink bottles in a cool, dark place.
- Store the ink bottles in the same environment as the product. When storing or transporting an ink bottle after removing its seal, do not tilt the bottle and do not subject it to impacts or temperature changes. Otherwise, ink may leak even if the cap on the ink bottle is tightened securely. Be sure to keep the ink bottle upright when tightening the cap, and take measures to prevent ink from leaking when you transport the bottle.

Ink Bottle and Ink Tank Information

- To maintain optimum print head performance, some ink is consumed from all ink tanks during printing and when performing maintenance operations, such as cleaning the print head.
- The ink bottles may contain recycled materials, but this does not affect product function or performance.
- When printing in monochrome or grayscale, color ink may be used instead of black ink, depending on the paper type or print quality settings. This is because a mixture of color inks is used to create black.

Parent topic: Refilling Ink

Check Ink Levels

Your product and its printing software will let you know when an ink tank is low or expended.

Checking Ink Levels
Checking Ink Levels with Windows
Checking Ink Levels with OS X

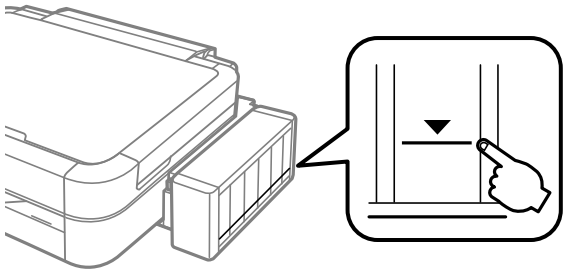
Parent topic: Refilling Ink

Related tasks

Refilling the Ink Tanks

Checking Ink Levels

You can visually check the ink levels in the product's ink tanks. Make sure the ink levels are above the lower lines on the ink tanks.



Note: Your product also displays a message on the LCD screen when an ink tank is low or needs to be refilled.

Note: The product has a low ink alert system. The accuracy of this system depends on the user refilling the ink tanks correctly. The product cannot directly measure the ink levels in the tanks, instead it estimates the amount of ink remaining by internally monitoring ink usage. The low ink alert system may generate inaccurate messages if the ink tanks are not refilled according to the instructions in this manual.

As a precaution, perform regular visual inspections of the ink tanks to ensure ink levels do no fall below the lower line. Continued use of the product when the ink level is below the lower line on the tank could damage the product.

Parent topic: Check Ink Levels

Checking Ink Levels with Windows

A low ink reminder appears if you try to print when ink is low, and you can check your ink levels at any time using a utility on your Windows computer.

1. To check your ink levels, access the Windows Desktop and double-click the product icon in the Windows taskbar.

You see a window like this:

2. Refill any ink tank as needed.

   Note: The ink levels displayed are an estimate and may differ from the actual ink remaining in the ink tanks. To confirm the actual remaining ink, visually check the ink levels in the ink tanks. Continued use of the product when the ink level is below the lower line on the tank could damage the product.

Parent topic: Check Ink Levels

Checking Ink Levels with OS X

You can check your ink levels using a utility on your Mac.

1. In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
2. Select **EPSON Status Monitor**.

You see a window like this:

3. Refill any ink tank as needed.

   Note: To update or refresh the displayed ink levels, click **Update**.

   Note: The ink levels displayed are an estimate and may differ from the actual ink remaining in the ink tanks. To confirm the actual remaining ink, visually check the ink levels in the ink tanks. Continued use of the product when the ink level is below the lower line on the tank could damage the product.

Parent topic: Check Ink Levels

Purchase Epson Ink

You can purchase genuine Epson ink and paper from an Epson authorized reseller. To find the nearest reseller, visit global.latin.epson.com or call your nearest Epson sales office (website available in Spanish and Portuguese only).

Note: This product was originally designed to work with genuine Epson inks. Your product may not function properly if you use other types of ink and may affect Epson's warranty.

The included ink bottles must be used for printer setup and are not for resale. The printer ships with full ink bottles and part of the ink from the first bottles is used to charge the print head. Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature.

The ink bottles that came with your printer have a lower yield due to the ink charging process. This process is carried out the first time you turn on the printer and guarantees better performance. Do not load paper before refilling the ink tanks.

Ink Bottle Part Numbers

Parent topic: Refilling Ink

Ink Bottle Part Numbers

Use these part numbers when you purchase new ink bottles, and use the ink by the date printed on the package:

Ink color	Part number
Black	T6731
Cyan	T6732
Magenta	T6733
Yellow	T6734
Light Cyan	T6735
Light Magenta	T6736

Parent topic: Purchase Epson Ink

Refilling the Ink Tanks

Make sure you have new ink bottles handy and have read the ink safety precautions before you begin.

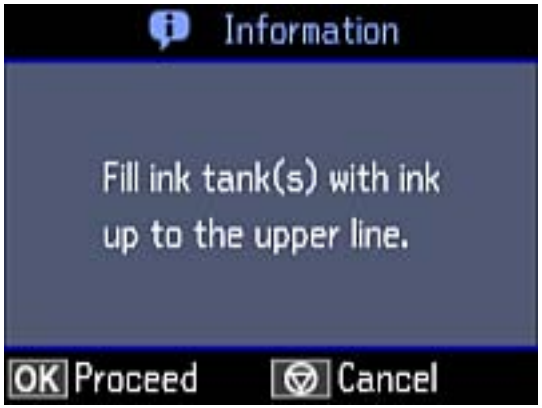
You can continue to use the product even if one or more ink tanks are not filled all the way. However, to keep your product operating at its best, fill all the ink tanks up to the top line.

Caution: Wear plastic gloves while refilling the ink tanks to avoid staining your hands.

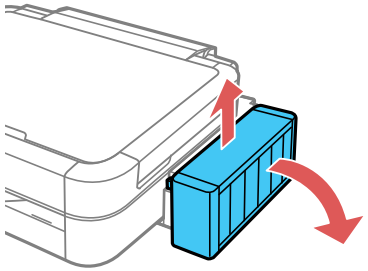
1. Place a sheet of paper under the ink tank area in case of spills.

2. Turn on your product.
3. If you see a message on the LCD screen indicating for you to reset the ink levels, note the ink tanks that need refilling and press the **OK** button. Otherwise, select **Setup** > **Maintenance** > **Reset Ink Levels** and press the ◇ start button.

   You see this window:

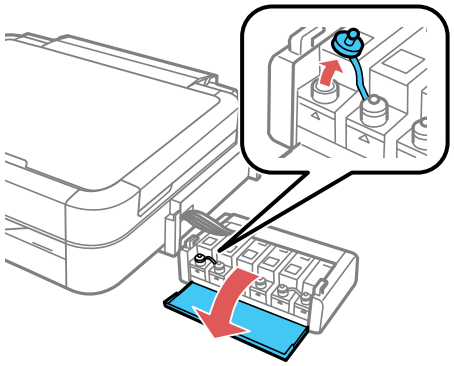


4. Unhook the ink tank unit from the product and lay it down.

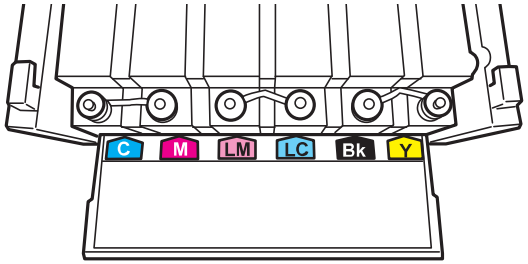


Caution: Do not pull on the ink tubes.

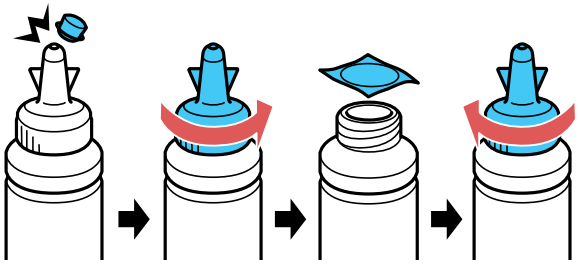
5. Open the ink tank unit cover, then remove the ink tank's cap.



Note: Make sure the color of the ink tank matches the ink color you want to refill, and only remove the cap from that ink tank. Be careful not to spill any ink.

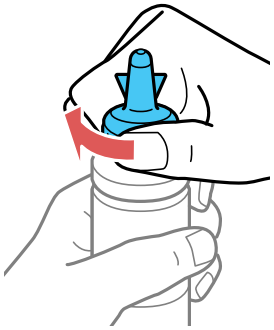


6. Snap off the tip of the bottle cap, but do not dispose of the bottle cap tip so you can use it to seal the bottle cap later, if necessary. Then remove the cap, remove the seal from the bottle, and replace the cap on the bottle.

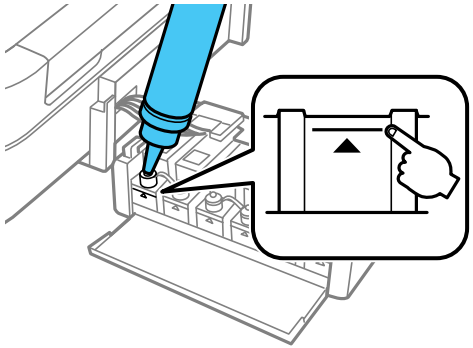


Note: Make sure the color of the ink bottle matches the ink color you want to refill.

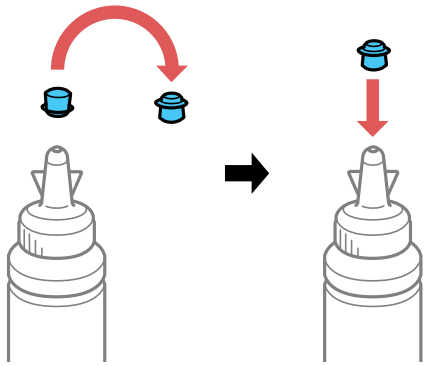
Caution: Close the bottle cap tightly; otherwise, ink may leak.



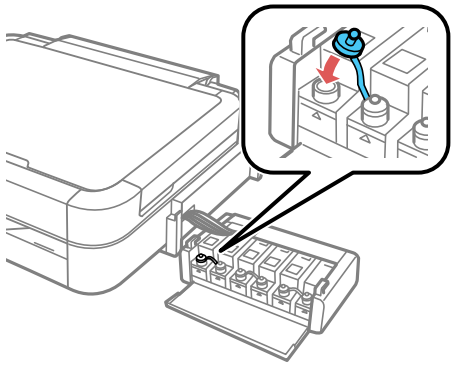
7. Refill the ink tank with the correct color ink up to the upper line on the ink tank.



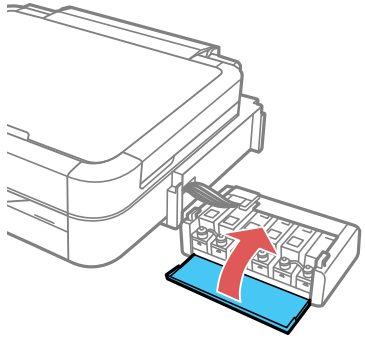
8. If any ink remains in the ink bottle after filling the ink tank, place the bottle cap tip securely on the bottle cap and store the ink bottle upright for later use.



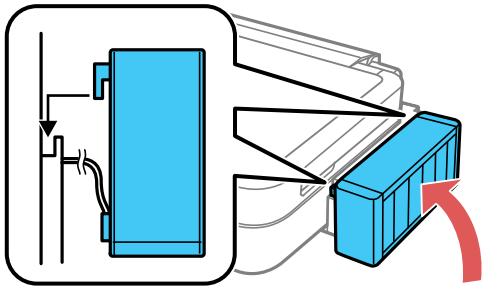
9. Place the cap securely on the ink tank.



10. Repeat the previous steps as necessary for each ink color you need to refill.
11. Close the ink tank unit cover.

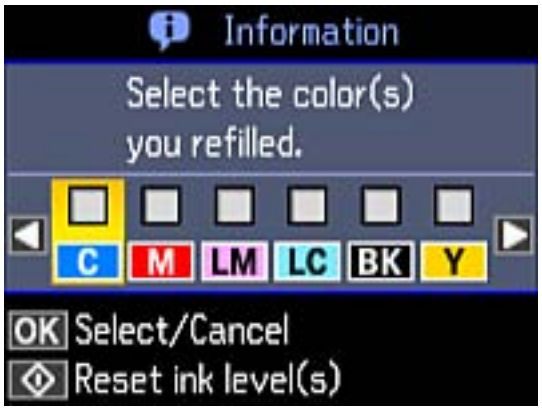


12. Hook the ink tank unit onto the product.



13. Press the **OK** button.

    You see a window like this:



14. Follow the instructions on the LCD screen to select and reset the ink levels of the ink tanks you refilled.

    Note: You can reset the ink levels even if you did not fill the ink tank to the upper line. However, the low ink alert system may not accurately report remaining ink.

Parent topic: Refilling Ink

Related concepts

Purchase Epson Ink

Adjusting Print Quality

If your print quality declines, you may need to run a utility to clean or align the print head.

If running these utilities does not solve the problem, you may need to flush the ink tubes.

Print Head Maintenance
Print Head Alignment
Cleaning the Paper Guide
Checking the Number of Sheets

Print Head Maintenance

If your printouts become too light, or you see dark or light bands across them, you may need to clean the print head nozzles. Cleaning uses ink, so clean the nozzles only if print quality declines.

You can check for clogged nozzles before you clean them so you don't clean them unnecessarily.

Note: You may not be able to clean the print head when the ink level in any of the tanks is low. You may have to refill the ink tank first.

Print Head Nozzle Check
Print Head Cleaning
Ink Tube Flushing

Parent topic: Adjusting Print Quality

Related topics
Refilling Ink

Print Head Nozzle Check

You can print a nozzle check pattern to check for clogged nozzles.

Checking the Nozzles Using the Product Control Panel
Checking the Nozzles Using a Computer Utility

Parent topic: Print Head Maintenance

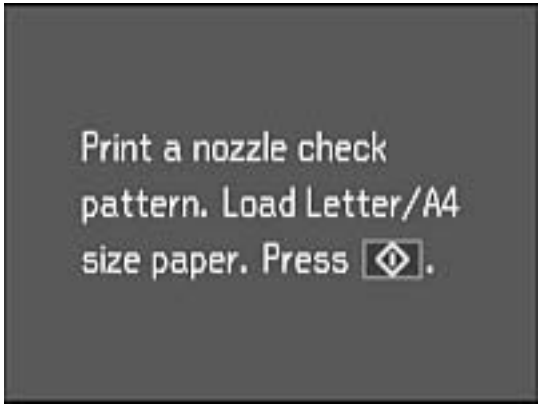
Checking the Nozzles Using the Product Control Panel

You can check the print head nozzles using the control panel on your product.

1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.

2. Load a few sheets of plain paper in the product.
3. Press the home button, if necessary.
4. Press the arrow buttons to select **Setup** and press the **OK** button.
5. Select **Maintenance** and press the **OK** button.

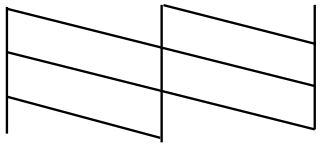
6. Select **Nozzle Check** and press the **OK** button.



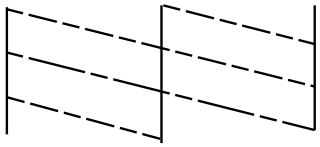
7. Press the start button.
   The nozzle check pattern is printed.

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

Print head is clean



Print head needs cleaning



9. Do one of the following:
   - If there are no gaps, the print head is clean. Select **Finish Nozzle Check** and press the **OK** button.
   - If there are gaps or the pattern is faint, select **Head Cleaning** and press the **OK** button.
10. Follow the instructions on the screen to clean the print head.

If you don't see any improvement after cleaning the print head up to 3 times, turn the product off and wait at least 12 hours. Then check the print head nozzles and try cleaning the print head again, if necessary. If quality still does not improve, contact Epson.

Parent topic: Print Head Nozzle Check

Related tasks

Cleaning the Print Head Using the Product Control Panel
Loading Paper in the Printer

Related topics

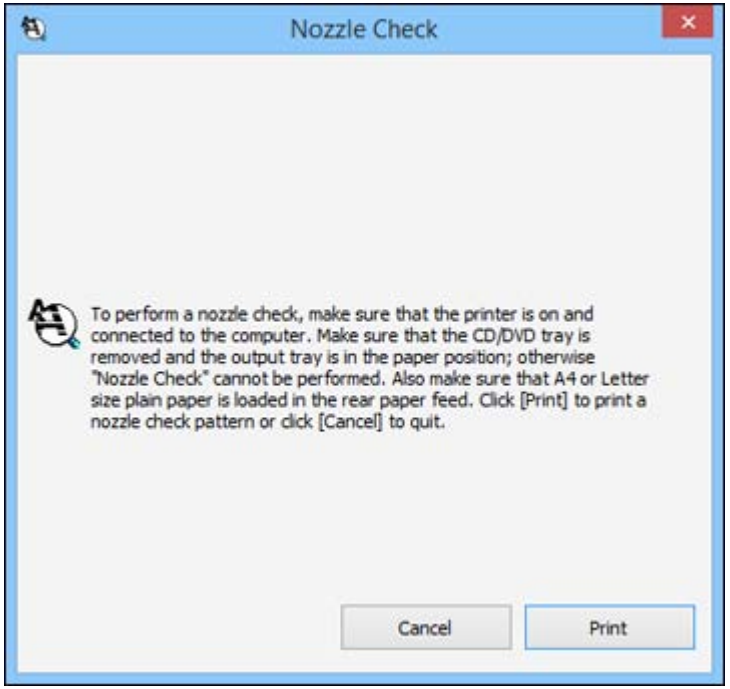
Refilling Ink

Checking the Nozzles Using a Computer Utility

You can check the print head nozzles using a utility on your Windows or Mac computer.

1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.
2. Load a few sheets of plain paper in the product.
3. Do one of the following:
   - **Windows:** Access the Windows Desktop and right-click the product icon in the Windows taskbar.
   - **OS X**: In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
4. Select **Nozzle Check**.

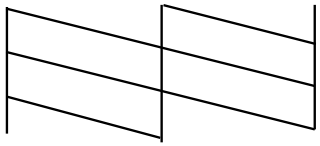
   You see a window like this:



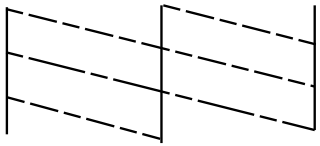
5. Click **Print**.

6. Check the printed pattern to see if there are gaps in the lines.

   Print head is clean



   Print head needs cleaning



7. If there are no gaps, click **Finish**.

   If there are gaps or the pattern is faint, clean the print head.

Parent topic: Print Head Nozzle Check

Related tasks

Cleaning the Print Head Using a Computer Utility

Loading Paper in the Printer

Related topics

Refilling Ink

Print Head Cleaning

If print quality has declined and the nozzle check pattern indicates clogged nozzles, you can clean the print head.

Note: You may not be able to clean the print head when the ink level in any of the tanks is low. You may have to refill the ink tank first.

Cleaning the Print Head Using the Product Control Panel

Cleaning the Print Head Using a Computer Utility

Parent topic: Print Head Maintenance

Related topics

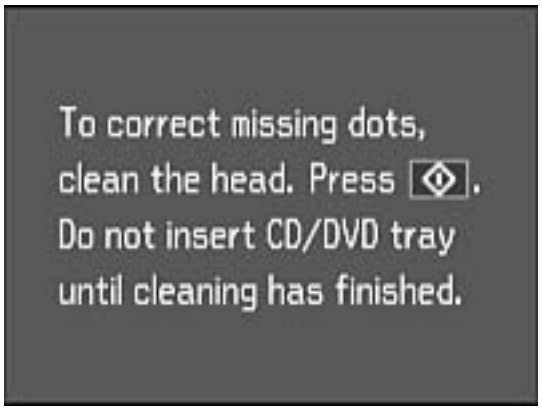
Refilling Ink

Cleaning the Print Head Using the Product Control Panel

You can clean the print head nozzles using the control panel on your product.

1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.
2. Load a few sheets of plain paper in the product.
3. Press the home button, if necessary.
4. Press the arrow buttons to select **Setup** and press the **OK** button.
5. Select **Maintenance** and press the **OK** button.

6. Select **Head Cleaning** and press the **OK** button.



7. Press the ◇ start button to clean the print head. You see a message on the LCD screen during the cleaning cycle.

   Caution: Never turn off the product or open the printer cover during a cleaning cycle or you may not be able to print.

   When the cleaning cycle is finished, you see a message on the display screen.
8. Select **Nozzle Check** and press the **OK** button. Press ◇ start to run a nozzle check and confirm that the print head is clean.

If you don't see any improvement after cleaning the print head up to 3 times, turn the product off and wait at least 12 hours. Then check the print head nozzles and try cleaning the print head again, if necessary. If quality still does not improve, contact Epson.

Parent topic: Print Head Cleaning

Related tasks

Checking the Nozzles Using the Product Control Panel
Loading Paper in the Printer

Related topics

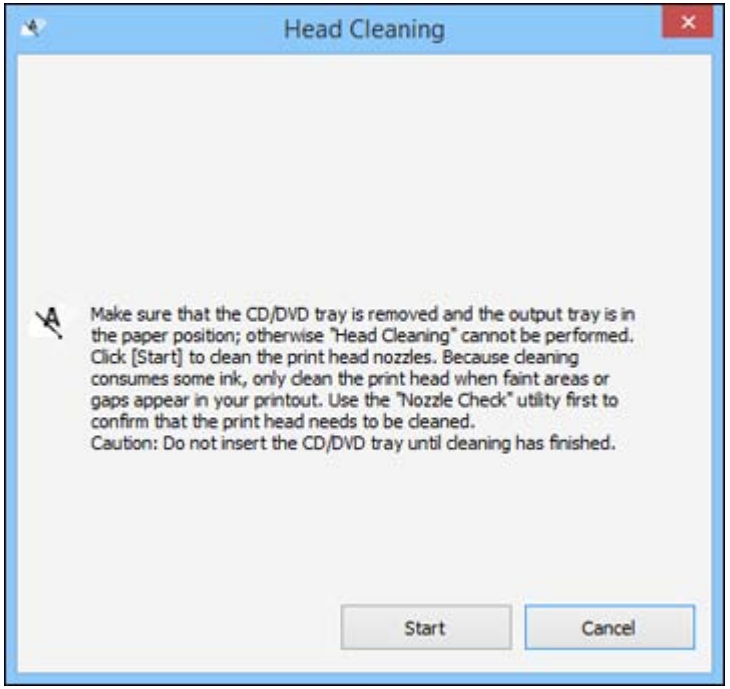
Refilling Ink

Cleaning the Print Head Using a Computer Utility

You can clean the print head using a utility on your Windows or Mac computer.

1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.
2. Load a few sheets of plain paper in the product.
3. Do one of the following:
   - **Windows:** Access the Windows Desktop and right-click the product icon in the Windows taskbar.
   - **OS X**: In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
4. Select **Head Cleaning**.

   You see a window like this:

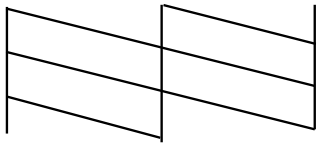


5. Click **Start** to begin the cleaning cycle.

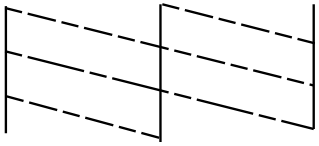
   Caution: Never turn off the product or open the printer cover during a cleaning cycle or you may not be able to print.

6. When the cleaning cycle is finished, you can check to see if the nozzles are clean; click **Print Nozzle Check Pattern** and click **Print**.
7. Check the printed pattern to see if there are gaps in the lines.

Print head is clean



Print head needs cleaning



- If there are no gaps, click **Finish**.
- If there are gaps or the pattern is faint, click **Clean** to clean the print head again.

If you don't see any improvement after cleaning the print head up to 3 times, turn off the product and wait at least 12 hours. Then check the print head nozzles and try cleaning the print head again, if necessary. If quality still does not improve, contact Epson.

Parent topic: Print Head Cleaning

Related tasks

Checking the Nozzles Using a Computer Utility
Loading Paper in the Printer

Related topics

Refilling Ink

Ink Tube Flushing

If you have not used the product for a long time and see white or dark lines or missing colors in your printouts, even after cleaning the print head several times, you can flush the ink tubes.

Flushing the ink tubes replaces all the ink inside the tubes, so flush the ink only if you cannot improve print quality by cleaning the print head several times.

Note: After flushing the ink tubes, you must turn off the product and wait at least 12 hours before printing again.

Caution: Flushing the ink tubes consumes a lot of ink. Before flushing the ink tubes, make sure there is enough ink in the ink tanks. If necessary, refill the ink tanks before flushing the ink tubes.

Flushing the ink tubes affects the service life of the ink pads by causing them to reach their capacity sooner. Contact Epson to purchase replacement ink pads before they reach the end of their service life. When the ink pads reach the end of their service life, the product stops printing and you must contact Epson for support.

Flushing the Ink Tubes Using a Computer Utility

Parent topic: Print Head Maintenance

Related topics

Refilling Ink

Flushing the Ink Tubes Using a Computer Utility

You can use the Power Ink Flushing utility to flush the ink tubes.

Note: After flushing the ink tubes, you must turn off the product and wait at least 12 hours before printing again.

Before you begin, make sure no product lights are indicating errors.

1. Do one of the following:
   - **Windows**: Access the Windows Desktop and right-click the product icon in the Windows taskbar and select **Printer Settings**. Then click the **Maintenance** tab.
   - **OS X**: In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
2. Click the **Power Ink Flushing** button.

You see a window like this:

3. Follow the on-screen instructions to flush the ink tubes.
4. When you finish flushing the ink tubes, turn off the product and wait at least 12 hours before printing.
5. Print a document and check the print quality. If the print quality did not improve, contact Epson for support.

Parent topic: Ink Tube Flushing

Related topics

Refilling Ink

Print Head Alignment

If your printouts become grainy or blurry, you notice misalignment of vertical lines, or you see dark or light horizontal bands, you may need to align the print head.

Note: Banding may also occur if your print head nozzles need cleaning.

Aligning the Print Head Using the Product Control Panel
Aligning the Print Head Using a Computer Utility

Parent topic: Adjusting Print Quality

Aligning the Print Head Using the Product Control Panel

You can align the print head using the control panel on your product.

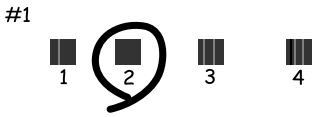
1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.
2. Load a few sheets of plain paper in the product.
3. Press the home button, if necessary.
4. Press the arrow buttons to select **Setup** and press the **OK** button.
5. Select **Maintenance** and press the **OK** button.

6. Select **Head Alignment** and press the **OK** button.

7. Press the ◇ start button to print an alignment sheet.

   Note: Do not cancel printing while you are printing a head alignment pattern.

8. Check the printed pattern and circle the most solid printed pattern for each set.



9. Follow the instructions on the LCD screen to select the number of the pattern you circled for each set.

Parent topic: Print Head Alignment

Related tasks

Loading Paper in the Printer

Aligning the Print Head Using a Computer Utility

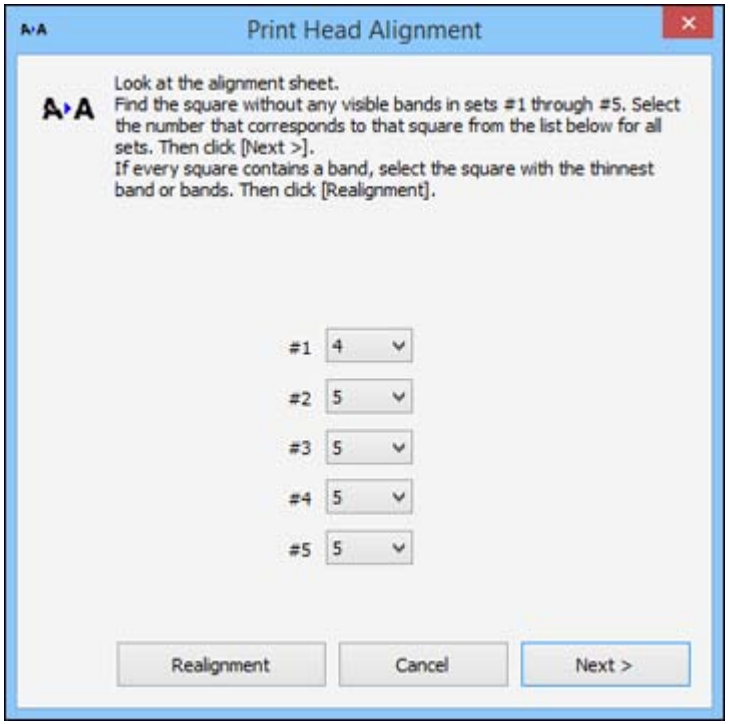
You can align the print head using a utility on your Windows or Mac computer.

1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.

2. Load a few sheets of plain paper in the product.
3. Do one of the following:
   - **Windows:** Access the Windows Desktop and right-click the product icon in the Windows taskbar.
   - **OS X**: In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
4. Select **Print Head Alignment**.
5. Click **Next**, then click **Print** to print an alignment sheet.

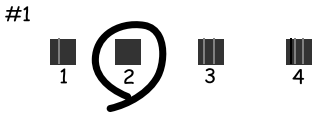
   Note: Do not cancel printing while you are printing a head alignment pattern.

   You see a window like this:



6. Check the printed pattern and follow the instructions on the screen to choose the number representing the best printed pattern for each set.

Vertical alignment



Horizontal alignment

- After choosing each pattern number, click **Next**.
- If no patterns are aligned in one or more of the sets, choose the closest one in each set and click **Realignment**. Then print another alignment sheet and check it.

Note: Click **Skip** (where available) if you want to skip a particular alignment sheet.

7. When you are done, click **Finish**.

Parent topic: Print Head Alignment

Related tasks

Aligning the Print Head Using a Computer Utility

Cleaning the Paper Guide

If you see ink on the back of a printout, you can clean the paper guide rollers to remove any excess ink.

Caution: Do not use tissue paper to clean the rollers inside the product; lint from tissue paper may clog the print head nozzles.

1. Make sure the CD/DVD tray is not inserted for printing and the tray lever is raised.
2. Load a few sheets of plain paper in the product.
3. Press the home button, if necessary.
4. Press the arrow buttons to select **Setup** and press the **OK** button.
5. Select **Maintenance** and press the **OK** button.
6. Select **Paper Guide Cleaning** and press the **OK** button.
7. Press the start button.
8. Check the back of the ejected paper to see if it is clean.
9. Repeat as necessary until the paper comes out clean.

Parent topic: Adjusting Print Quality

Related tasks

Loading Paper in the Printer

Checking the Number of Sheets

You can view an option that displays the number of sheets of paper that have fed through the product.

Checking the Sheet Counter - Windows
Checking the Sheet Counter - OS X

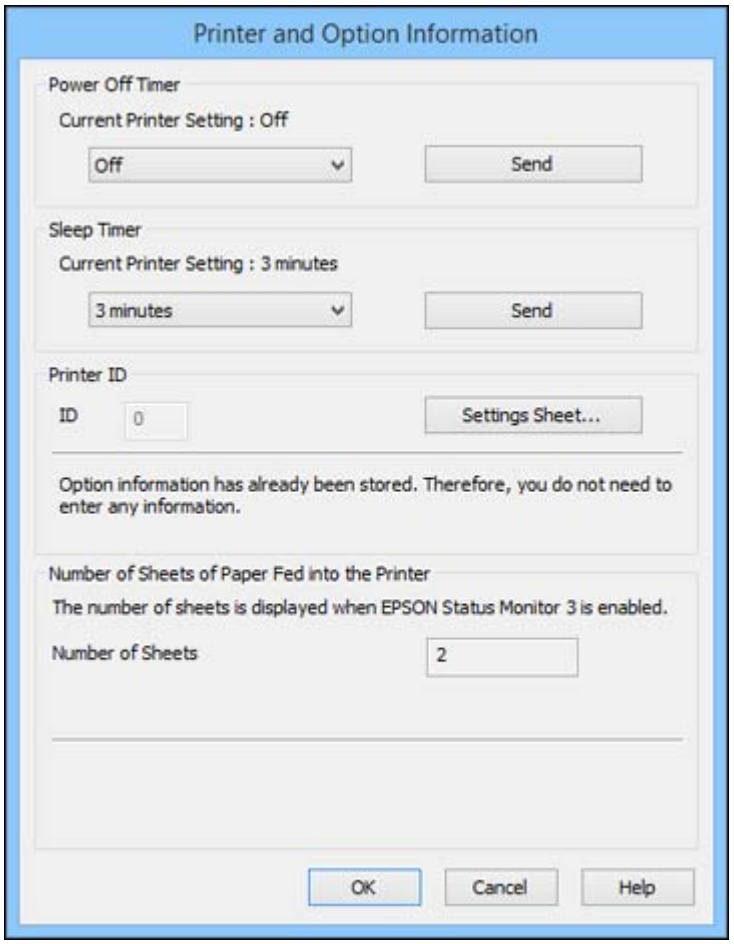
Parent topic: Adjusting Print Quality

Checking the Sheet Counter - Windows

You can check the number of sheets of paper that have fed through the product by checking the sheet counter.

1. Access the Windows Desktop and right-click the product icon in the Windows taskbar.
2. Select **Printer Settings**.
3. Click the **Maintenance** tab.
4. Select **Printer and Option Information**.

You see this window:



5. After checking the number of sheets fed into the printer, click **OK** to close the window.

   Note: The number of sheets is displayed only when Epson Status Monitor 3 is enabled.

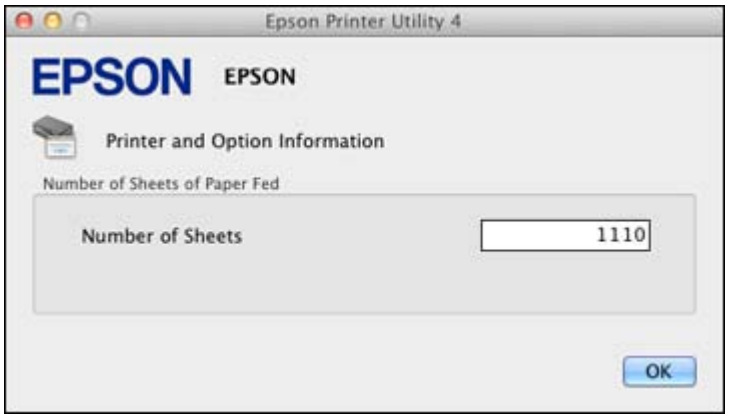
Parent topic: Checking the Number of Sheets

Checking the Sheet Counter - OS X

You can check the number of sheets of paper that have fed through the product by checking the sheet counter.

1. In the Apple menu or the Dock, select **System Preferences**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
2. Select **Printer and Option Information**.

   You see this window:



3. After checking the number of sheets fed into the printer, click **OK** to close the window.

Parent topic: Checking the Number of Sheets

Cleaning and Transporting Your Product

See these sections if you need to clean or transport your product.

Cleaning Your Product
Transporting Your Product

Cleaning Your Product

To keep your product working at its best, you should clean it several times a year.

Close the rear paper feed slot and front cover when you are not using the product to protect it from dust.

Caution: Do not use a hard brush, alcohol, or paint thinner to clean the product or you may damage it. Do not use oil or other lubricants inside the product or let water get inside it.

1. Turn off the product.
2. Unplug the power cable.
3. Disconnect any connected cables.
4. Remove all the paper.
5. Clean the outer case and control panel with a soft, dry cloth. Do not use liquid or chemical cleansers.

Parent topic: Cleaning and Transporting Your Product

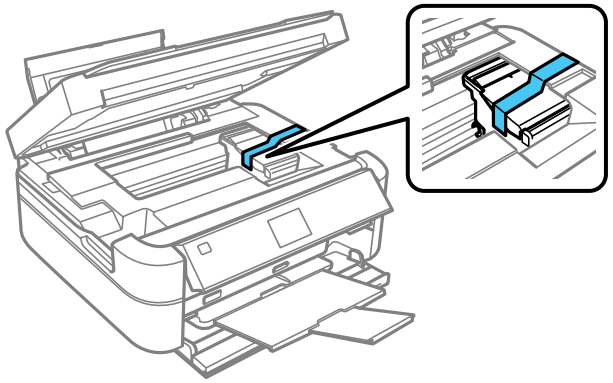
Transporting Your Product

If you need to store your product or transport it a long distance, prepare it as described here.

Caution: During transportation and storage, follow these guidelines:

- Avoid tilting the product, placing it vertically, or turning it upside down; otherwise ink may leak.
- When storing or transporting an ink bottle after removing its seal, do not tilt the bottle and do not subject it to impacts or temperature changes. Otherwise, ink may leak even if the cap on the ink bottle is tightened securely. Be sure to keep the ink bottle upright when tightening the cap, and take measures to prevent ink from leaking when transporting the ink bottles.
- Do not put opened ink bottles in the box with the printer.
- Do not carry the product by its control panel; this may damage the product.

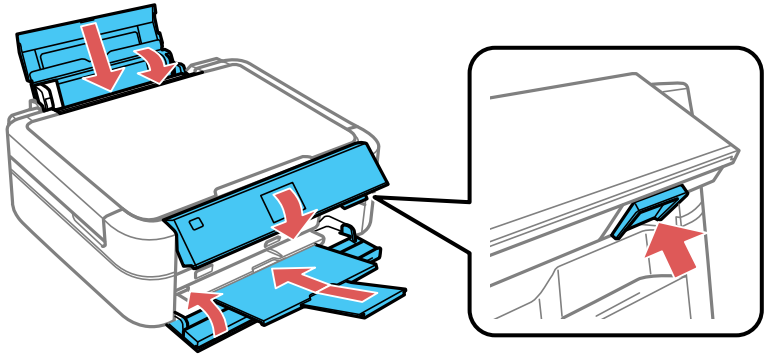
1. Turn off the product.
2. Lift up the printer cover and check to see if the print head is in the far right position (the home position). If not, turn on the product, wait for the print head to move, then turn the product off again.
3. Secure the print head to the case with tape.



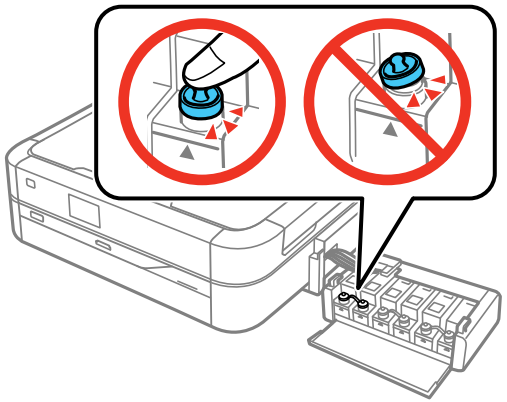
Caution: Do not place tape on the white flat cable inside the product; otherwise, you may damage your product.

4. Lower the printer cover.
5. Remove all the paper from the product.
6. Remove any memory cards inserted in the product.
7. Unplug the power cable.
8. Disconnect any connected cables.

9. Close the output tray, front cover, and rear paper feed slot. Then lower the control panel.



10. Unhook the ink tank unit and lay it down, then check to make sure that the ink tank caps are installed securely.



11. Hook the ink tank unit on the product.
12. Place the product in its original packing materials to prevent the ink tank from being unhooked, if possible, or use equivalent materials with cushioning around the product.

Keep the product level during transportation. Be sure to remove the tape from the print head holder before turning on your product. If print quality has declined when you print again, clean and align the print head.

Parent topic: Cleaning and Transporting Your Product

Related concepts

Print Head Cleaning

Print Head Alignment

Solving Problems

Check these sections for solutions to problems you may have using your product.

Checking for Software Updates
Product Status Messages
Running a Product Check
Resetting Control Panel Defaults
Solving Setup Problems
Solving Paper Problems
Solving Problems Printing from a Computer
Solving Page Layout and Content Problems
Solving Print Quality Problems
Solving Memory Card Problems
Message Appears Prompting You to Reset Ink Levels
When to Uninstall Your Product Software
Where to Get Help

Checking for Software Updates

Periodically, it's a good idea to check Epson's support website for free updates to your product software. Visit the driver download site at global.latin.epson.com/Soporte (website available in Spanish and Portuguese only).

- **Windows**: Your printer software automatically checks for updates. You can also manually update the software by selecting **Software Update** here:
  - Accessing the Windows Desktop and right-clicking the product icon in the Windows taskbar
  - On the **Maintenance** tab in the printer settings window

  You can also update the software by selecting **EPSON Software Updater** in the **EPSON** or **EPSON Software** program group, accessible by the **Start** button, or on the **Start** or **Apps** screens, depending on your version of Windows.
- **OS X**: You can manually update the software by opening the **Applications** > **Epson Software** folder and selecting **EPSON Software Updater**.

Parent topic: Solving Problems

Related tasks

Changing Automatic Update Options

Product Status Messages

You can often diagnose problems with your product by checking the messages on its LCD screen. You can also see help information and how-to instructions on the screen by pressing the ? help button.

LCD screen message	Condition/solution
Printer error.	Remove any paper jams or protective material in the product. If the error is still displayed after turning the product off and on again, contact Epson for support.
Operation canceled. An error occurred while saving.	The memory card or external storage device may be damaged. Make sure the memory card or external device is inserted correctly and meets the specifications for the product.
A printer's ink pad is nearing the end of its service life.	The ink pads are near the end of their service life and the message will be displayed until the ink pad is replaced. Contact Epson for support. (To resume printing, press the ◇ start button.)
A printer's ink pad is at the end of its service life.	The ink pad is at the end of its service life. Turn off the product and contact Epson for support.
Recovery mode	An error has occurred during firmware updating. Connect your product using a USB cable and try updating the firmware again. If you still receive this error message, contact Epson for support.

Note: The ink pads in the printer collect, distribute, and contain the ink that is not used on printed pages. During the life of your product it may reach a condition where either satisfactory print quality cannot be maintained or the ink pads have reached the end of their usable life. The Epson Status Monitor, your LCD, or lights on the control panel will advise you when these parts need replacing. If this happens during the standard warranty of the product, the exchange of the product or replacement of the pads is covered under the standard warranty. If the product is out of warranty, the pads can be replaced by any Epson authorized service provider. The waste ink pads are not a user-replaceable part.

Parent topic: Solving Problems

Related references

Paper Jam Problems in the Rear Paper Feed Slot

Paper Jam Problems Inside the Product

Memory Card Types
Memory Card File Specifications
Where to Get Help

Related tasks

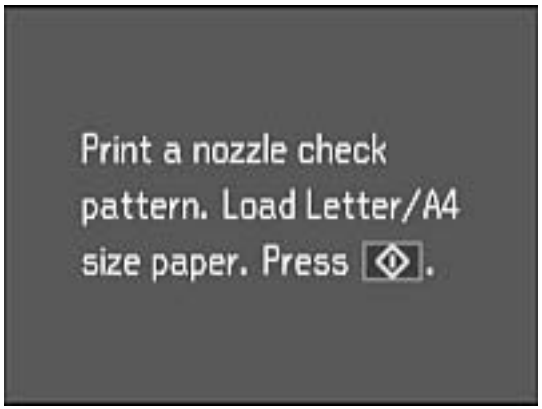
Inserting a Memory Card

Running a Product Check

Running a product check helps you determine if your product is operating properly.

1. Disconnect any interface cables connected to your product.
2. Load plain paper in the product.
3. Press the home button, if necessary.
4. Press the arrow buttons to select **Setup** and press the **OK** button.
5. Select **Maintenance** and press the **OK** button.

6. Select **Nozzle Check** and press the **OK** button.



7. Press the ◇ start button.

   The nozzle check pattern is printed.

8. Do one of the following, depending on the results of the product check:
   - If the page prints and the nozzle check pattern is complete, the product is operating properly. Any operation problem you may have could be caused by your computer, cable, software, or selected settings. Check the other solutions in this book or try uninstalling and reinstalling your printer software.
   - If the page prints but the nozzle check pattern has gaps, clean or align the print head.
   - If the page does not print, the product may have a problem. Check the other solutions in this manual. If they do not work, contact Epson.

Parent topic: Solving Problems

Related concepts

Print Head Cleaning
Print Head Alignment
When to Uninstall Your Product Software

Related references

Where to Get Help

Related tasks

Loading Paper in the Printer

Resetting Control Panel Defaults

If you have a problem with settings on the product control panel, you can reset them to their factory defaults.

1. Press the home button, if necessary.
2. Press the arrow buttons to select **Setup** and press the **OK** button.
3. Select **Restore Default Settings** and press the **OK** button.
4. Select **Yes** to reset the product's settings. (Select **No** if you want to cancel the operation.)

Parent topic: Solving Problems

Solving Setup Problems

Check these sections if you have problems while setting up your product.

Noise After Filling the Ink
Software Installation Problems

Parent topic: Solving Problems

Noise After Filling the Ink

If you hear noises from your product after filling the ink tanks with ink, check these explanations:

- The first time you fill the tanks with ink, the product must charge its print head. Wait until charging finishes before you turn off the product, or it may charge improperly and use excess ink the next time you turn it on.
- If the product's print head stops moving or making noise, and the charging process has not finished after approximately 20 minutes, turn off your product. Turn it back on and check to see if charging is still in progress. If it is still in progress, contact Epson for help.

Parent topic: Solving Setup Problems

Software Installation Problems

If you have problems while installing your product software, try these solutions:

- Make sure your product is turned on and any necessary cables are securely connected at both ends. If you still have problems installing software, disconnect the cable and carefully follow the instructions on the *Start Here* sheet. Also make sure your system meets the requirements for your operating system.
- Close any other programs, including screen savers and virus protection software, and install your product software again.

- In Windows, make sure your product is selected as the default printer and the correct port is shown in the printer properties.
- If you see any error message or your software does not install correctly in Windows, you may not have software installation privileges. Contact your System Administrator.

Parent topic: Solving Setup Problems

Solving Paper Problems

Check these sections if you have problems using paper with your product.

Paper Feeding Problems
Paper Jam Problems in the Rear Paper Feed Slot
Paper Jam Problems Inside the Product
Paper Ejection Problems

Parent topic: Solving Problems

Paper Feeding Problems

If you have problems feeding paper, try these solutions:

- If paper does not feed for printing, remove it. Then reload it in the rear paper feed against the right side and beneath the tab. Slide the edge guide against the edge of the paper, making sure that the paper stack is not above the arrow mark on the edge guide.
- If multiple pages feed at once, remove the paper, fan the edges to separate the sheets, and reload it.
- If paper jams when you load only one or two sheets, try loading more sheets at a time. Do not load more than the recommended number of sheets.
- If paper jams when you print on both sides of the paper, try loading fewer sheets.
- Make sure your paper meets the specifications for your product.
- For best results, follow these guidelines:
  - Use new, smooth, high-quality paper that is not curled, creased, old, too thin, or too thick.
  - Load paper in the rear paper feed printable side up.
  - Do not load paper with holes punched in it.
  - Follow any special loading instructions that came with the paper.

Parent topic: Solving Paper Problems

Related references

Paper Loading Capacity

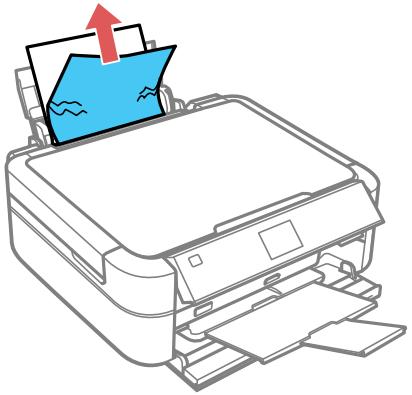
Paper Specifications

Related tasks

Loading Paper in the Printer

Paper Jam Problems in the Rear Paper Feed Slot

If paper has jammed in the rear paper feed slot, carefully remove the paper.



Parent topic: Solving Paper Problems

Related references

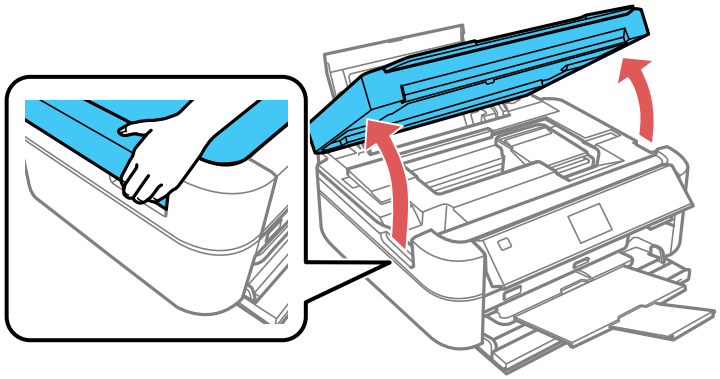
Paper Jam Problems Inside the Product

Paper Jam Problems Inside the Product

If you see a message that paper has jammed inside the product, follow the steps here or on the LCD screen to clear the jam.

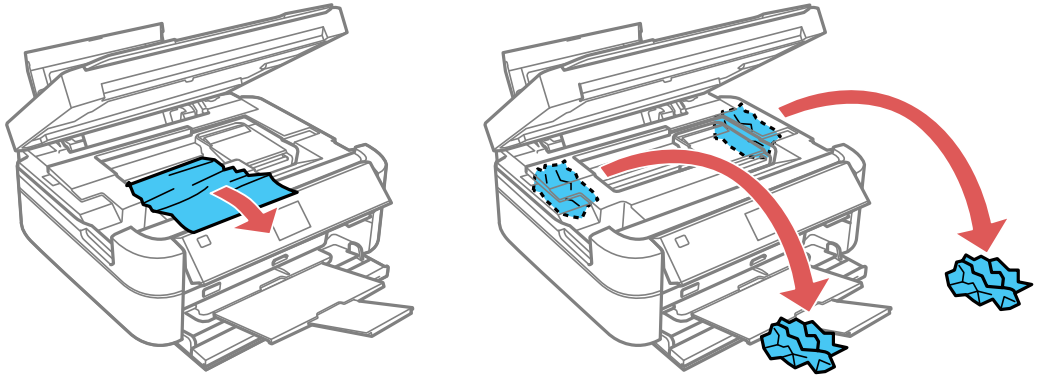
1. Cancel the print job, if necessary.

2. Lift the printer cover.

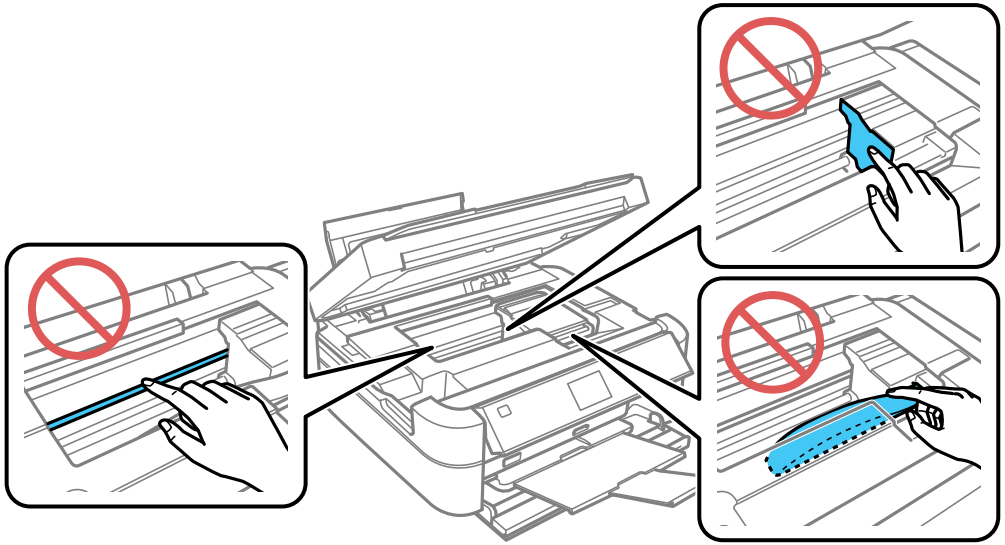


Caution: Be careful not to trap your fingers when opening and closing the printer cover. Also, do not touch the control panel buttons while your hands are inside the product to avoid accidentally starting the unit and causing injury to yourself.

3. Remove any jammed paper inside.



Caution: Do not touch the flat white cable, ink tubes, or left side of the print head inside the product.



4. Close the printer cover.
5. Follow the prompts on the LCD screen to clear any error messages. If you still see a paper jam message, check the other paper jam solutions.

Parent topic: Solving Paper Problems

Related references

Paper Jam Problems Inside the Product

Paper Ejection Problems

If you have problems with paper ejecting properly, try these solutions:

- If paper does not eject fully, you may have set the wrong paper size. Cancel printing to eject the paper. Select the correct paper size when you reprint.
- If paper is wrinkled when it ejects, it may be damp or too thin. Load new paper and be sure to select the correct paper type setting when you reprint.

Parent topic: Solving Paper Problems

Related references

Paper or Media Type Settings

Paper Specifications

Related tasks

Loading Paper in the Printer

Cancelling Printing Using a Product Button

Solving Problems Printing from a Computer

Check these sections if you have problems while printing from your computer.

Nothing Prints

Product Icon Does Not Appear in Windows Taskbar

Printing is Slow

Parent topic: Solving Problems

Nothing Prints

If you have sent a print job and nothing prints, try these solutions:

- Make sure your product is turned on.
- Make sure any interface cables are connected securely at both ends.
- If you connected your product to a USB hub, make sure it is a first-tier hub. If it still does not print, connect your product directly to your computer instead of the hub.
- Run a product check to see if a test page prints. If the test page prints, check to see if your product software is installed correctly.
- If you are printing a large image, the computer may not have enough memory. Print the image at a lower resolution or a smaller file size.
- In Windows, click **Print Queue** on the Maintenance tab in the printer settings window and check for the following:
  - Check if there are any stalled or paused print jobs. Cancel or unpause any jobs as necessary.
  - Open the Printer menu and make sure the product is not offline.
  - Open the Printer menu and set the product as the default printer, if necessary.
- In OS X, select **System Preferences** from the Apple menu or Dock, select **Print & Scan** or **Printers & Scanners**, then double-click your printer icon. Check to see if any jobs are paused. Cancel or unpause any jobs as necessary.

Parent topic: Solving Problems Printing from a Computer

Related tasks

Running a Product Check

Product Icon Does Not Appear in Windows Taskbar

If you do not see your product icon in the Windows taskbar, first try restarting your computer. If that does not work, try this solution:

1. Do one of the following:
   - **Windows 8.x**: Navigate to the **Apps** screen and select **Control Panel** > **Hardware and Sound** > **Devices and Printers**.
   - **Windows 7**: Click and select **Devices and Printers**.
   - **Windows Vista**: Click , select **Control Panel**, and click **Printer** under **Hardware and Sound**.
   - **Windows XP**: Click **Start** and select **Printers and Faxes**. (Or open the **Control Panel**, select **Printers and Other Hardware**, if necessary, and **Printers and Faxes**.)
2. Right-click your product name, select **Printing Preferences**, and select your product name again if necessary.
3. Click the **Maintenance** tab.
4. Click the **Extended Settings** button.
5. Select **Enable EPSON Status Monitor 3**, then click **OK**.
6. Click the **Monitoring Preferences** button.
7. Click the checkbox for the option that adds the shortcut icon to the taskbar.
8. Click **OK** to close the open program windows.

Parent topic: Solving Problems Printing from a Computer

Printing is Slow

If printing becomes slow, try these solutions:

- Make sure your system meets the requirements for your operating system. If you are printing a high-resolution image, you may need more than the minimum requirements. If necessary, increase your system's memory.
- If you are using Windows 7, close the **Devices and Printers** window before you print.
- Make sure **Quiet Mode** is turned off.

- Clear space on your hard drive or run a defragmentation utility to free up existing space.
- Close any programs you are not using when you print.
- If your product is connected to a USB hub, connect it directly to your computer instead.
- If printing becomes slower after printing continuously for a long time, the product may have automatically slowed down to protect the print mechanism from overheating or becoming damaged. Let the product rest with the power on for 30 minutes, then try printing again.

For the fastest printing, select the following settings in your product software:

- Make sure the paper type setting matches the type of paper you loaded.
- Turn on any high speed settings in your product software.
- Select a lower print quality setting.
- **Windows**: Click the **Maintenance** tab, select **Extended Settings**, and select the following settings:
  - **Always Spool RAW Datatype**
  - **Page Rendering Mode**
  - **Print as Bitmap**

Parent topic: Solving Problems Printing from a Computer

Related references

Windows System Requirements
OS X System Requirements
Paper or Media Type Settings

Related tasks

Selecting Basic Print Settings - Windows
Selecting Extended Settings - Windows
Selecting Basic Print Settings - OS X
Selecting Printing Preferences - OS X

Solving Page Layout and Content Problems

Check these sections if you have problems with the layout or content of your printed pages.

Inverted Image
Too Many Copies Print
Blank Pages Print
Incorrect Margins on Printout

Border Appears on Borderless Prints
Incorrect Characters Print
Incorrect Image Size or Position
Slanted Printout

Parent topic: Solving Problems

Inverted Image

If your printed image is inverted unexpectedly, try these solutions:

- Turn off any mirror or inversion settings in your printing application.
- Turn off the **Mirror Image**, **Flip horizontally**, or **Reverse page orientation** settings in your printer software. (This option has different names, depending on your operating system version.)

Parent topic: Solving Page Layout and Content Problems

Related tasks

Selecting Additional Layout and Print Options - Windows
Selecting Basic Print Settings - OS X

Too Many Copies Print

Make sure that the **Copies** setting in your printing program or printer software is not set for multiple copies.

Parent topic: Solving Page Layout and Content Problems

Blank Pages Print

If blank pages print unexpectedly, try these solutions:

- Make sure you selected the correct paper size settings in your printing program and printer software.
- If a blank page exists in a document you are printing and you want to skip printing it, select the **Skip Blank Page** setting in your printer software.
- Run a print head nozzle check to see if any of the nozzles are clogged. Then clean the print head, if necessary.
- Make sure your product is selected as the printer in your printing program.
- You may need to refill the ink. Visually check the ink levels.

Parent topic: Solving Page Layout and Content Problems

Related concepts

Print Head Nozzle Check

Print Head Cleaning

Related tasks

Selecting Basic Print Settings - Windows

Selecting Extended Settings - Windows

Selecting Basic Print Settings - OS X

Selecting Printing Preferences - OS X

Incorrect Margins on Printout

If your printed page has incorrect margins, try these solutions:

- Make sure you selected the correct paper size settings in your printing program and printer software.
- Make sure you selected the correct margins for your paper size in your printing program.
- Make sure your paper is positioned correctly for feeding into the printer.

You can use the preview option in your printer software to check your margins before you print.

Parent topic: Solving Page Layout and Content Problems

Related tasks

Loading Paper in the Printer

Selecting Basic Print Settings - Windows

Selecting Basic Print Settings - OS X

Selecting Page Setup Settings - OS X

Border Appears on Borderless Prints

If you see a border on borderless prints, try these solutions:

- Make sure you are printing on a compatible borderless paper type and size.

  Note: Do not select a custom paper size for borderless prints.

- **Windows**: Make sure you selected the **Borderless** setting in your printer software.
- **OS X**: Make sure you selected the **Borderless** checkbox or a paper size with a **Borderless** option in your printer software.

- Adjust the **Expansion** setting to adjust the amount of image expansion on the edges of borderless prints.
- Make sure the image size and the paper size are set correctly; if the image is small, the enlargement may not be enough to cover the paper.

Parent topic: Solving Page Layout and Content Problems

Related references

Borderless Paper Type Compatibility

Related tasks

Selecting Basic Print Settings - Windows

Selecting Basic Print Settings - OS X

Selecting Page Setup Settings - OS X

Incorrect Characters Print

If incorrect characters appear in your prints, try these solutions before reprinting:

- Make sure any cables are securely connected at both ends.
- In Windows, delete all jobs from the Windows Spooler. Click **Print Queue** on the Maintenance tab in the printer settings window, then cancel all stalled print jobs.
- If your product is connected to a USB hub, connect it directly to your computer instead.
- If your computer entered sleep mode the last time you printed, the next print job after your computer exits sleep mode may contain garbled characters. Print your document again.
- If incorrect characters still appear in your prints, try connecting your product using a different cable.

Parent topic: Solving Page Layout and Content Problems

Related tasks

Selecting Basic Print Settings - Windows

Selecting Basic Print Settings - OS X

Selecting Page Setup Settings - OS X

Incorrect Image Size or Position

If your printed image is the wrong size or in the wrong position, try these solutions:

- Make sure you selected the correct paper size and layout settings in your printing program and printer software.
- Make sure your paper is positioned correctly for feeding into the printer.

You can use the preview option in your printer software to check your margins before you print.

Parent topic: Solving Page Layout and Content Problems

Related tasks

Loading Paper in the Printer
Selecting Basic Print Settings - Windows
Selecting Basic Print Settings - OS X
Selecting Page Setup Settings - OS X

Slanted Printout

If your printouts are slanted, try these solutions:

- Slide the edge guide against the edge of the paper.
- Select a higher print quality setting in your printer software.
- Turn off any high speed settings in your product software.
- Align the print head.
- Make sure the product is not printing while tilted or at an angle.

Parent topic: Solving Page Layout and Content Problems

Related concepts

Print Head Alignment

Related tasks

Loading Paper in the Printer
Selecting Basic Print Settings - Windows
Selecting Basic Print Settings - OS X

Solving Print Quality Problems

Check these sections if your printouts have problems with print quality, but your image looks fine on your computer screen.

White or Dark Lines in Printout
Blurry or Smeared Printout
Faint Printout or Printout Has Gaps
Grainy Printout
Incorrect Colors

Parent topic: Solving Problems

White or Dark Lines in Printout

If you notice white or dark lines in your prints (also called banding), try these solutions before you reprint:

- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- Make sure the paper type setting matches the type of paper you loaded.
- Make sure you loaded the printable side of the paper correctly for your product.
- Turn off any high speed settings in your product software.
- Align the print head.
- You may need to refill the ink. Visually check the ink levels.
- If you have not used the product for a long time, run the Power Ink Flushing utility.

  Note: Flushing the ink tubes replaces all the ink inside the tubes, so flush the ink only if you cannot improve print quality by other means. See the ink flushing section for details.

Parent topic: Solving Print Quality Problems

Related concepts

Print Head Nozzle Check
Print Head Cleaning
Print Head Alignment
Ink Tube Flushing

Related references

Paper or Media Type Settings

Related tasks

Selecting Additional Layout and Print Options - Windows
Selecting Printing Preferences - OS X
Loading Paper in the Printer

Related topics

Refilling Ink

Blurry or Smeared Printout

If your printouts are blurry or smeared, try these solutions:

- Make sure your paper is not damp, curled, old, or loaded incorrectly in your product.
- Use a support sheet with special paper, or load special paper one sheet at a time.
- Make sure your paper meets the specifications for your product.
- Use Epson papers to ensure proper saturation and absorption of genuine Epson inks.
- Make sure the paper type setting in your product software matches the type of paper you loaded.
- Make sure you loaded the printable side of the paper correctly for your product.
- If you are printing on thick paper or envelopes, turn on the **Thick Paper** setting from the control panel or select **Thick Paper and Envelopes** in the Extended Settings of the printer software. (Turning this setting on will decrease print speed.)
- Remove each sheet from the output tray as it is printed.
- Avoid handling printouts on glossy paper right after printing to allow the ink to set.
- Turn off any high speed settings in your product software.
- If you print on both sides of a sheet of paper, smudges may appear on the reverse side of heavily saturated or dark images. If one side of a sheet will contain a lighter image or text, print that side first.
- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- Align the print head.
- Clean the paper path.
- If you have not used the product for a long time, run the Power Ink Flushing utility.

  Note: Flushing the ink tubes replaces all the ink inside the tubes, so flush the ink only if you cannot improve print quality by other means. See the ink flushing section for details.

Note: Your product will not operate properly while tilted at an angle. Place it on a flat, stable surface that extends beyond the base of the product in all directions.

Parent topic: Solving Print Quality Problems

Related concepts

Print Head Nozzle Check
Print Head Cleaning

Print Head Alignment
Ink Tube Flushing

Related references

Available Epson Papers
Paper Specifications

Related tasks

Loading Paper in the Printer
Selecting Basic Print Settings - Windows
Selecting Additional Layout and Print Options - Windows
Selecting Extended Settings - Windows
Selecting Basic Print Settings - OS X
Selecting Printing Preferences - OS X
Cleaning the Paper Guide

Faint Printout or Printout Has Gaps

If your printouts are faint or have gaps, try these solutions:

- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- The ink levels may be low. Visually check the ink levels.
- Make sure the paper type setting matches the type of paper you loaded.
- Make sure your paper is not damp, curled, old, or loaded incorrectly in your product.
- Align the print head.
- Clean the paper path.

Parent topic: Solving Print Quality Problems

Related concepts

Print Head Nozzle Check
Print Head Cleaning
Print Head Alignment

Related references

Paper or Media Type Settings

Related tasks

Loading Paper in the Printer

Cleaning the Paper Guide

Related topics

Refilling Ink

Grainy Printout

If your printouts are grainy, try these solutions:

- Make sure you loaded the printable side of the paper correctly for your product.
- Select a higher print quality setting and turn off any high speed settings in your product software.
- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- Align the print head.
- You may need to increase the image resolution or print a smaller size; see your software documentation.
- If you enlarged the image in an image-editing program, you need to increase the resolution setting to retain a high image quality. Increase the resolution by the same amount you increased the image size. For example, if the resolution is 300 dpi (dots per inch) and you will double the image size later, change the resolution setting to 600 dpi.

  Note: Higher resolution settings result in larger file sizes, which take longer to process and print. Consider the limitations of your computer system when selecting a resolution, and select the lowest possible resolution that produces acceptable quality to keep file sizes manageable.

Parent topic: Solving Print Quality Problems

Related concepts

Print Head Nozzle Check

Print Head Cleaning

Print Head Alignment

Related tasks

Selecting Basic Print Settings - Windows

Selecting Additional Layout and Print Options - Windows

Selecting Basic Print Settings - OS X

Selecting Printing Preferences - OS X

Incorrect Colors

If your printouts have incorrect colors, try these solutions:

- Make sure the **Black/Grayscale** or **Grayscale** setting is not selected in your printer software.
- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- The ink levels may be low and you may need to refill the ink. Visually check the ink levels. Also make sure you filled the tanks with the correct colors of ink.
- Your printed colors can never exactly match your on-screen colors. However, you can use a color management system to get as close as possible. Try using the color management options in your printer software.
- For best results, use genuine Epson ink and paper.
- If you have not used the product for a long time, run the Power Ink Flushing utility.

  Note: Flushing the ink tubes replaces all the ink inside the tubes, so flush the ink only if you cannot improve print quality by other means. See the ink flushing section for details.

Parent topic: Solving Print Quality Problems

Related concepts

Print Head Nozzle Check
Print Head Cleaning
Ink Tube Flushing

Related references

Available Epson Papers

Related tasks

Selecting Basic Print Settings - Windows
Selecting Additional Layout and Print Options - Windows
Selecting Basic Print Settings - OS X
Managing Color - OS X

Related topics

Refilling Ink

Solving Memory Card Problems

Check these solutions if you have problems using memory cards with your product.

Memory Card Does Not Fit Into a Slot
Cannot View or Print Photos from a Memory Card or Device
Cannot Transfer Photos To or From a Memory Card or Device

Parent topic: Solving Problems

Memory Card Does Not Fit Into a Slot

If a memory card does not fit properly in a slot, do not force it in. You may need to use an adapter with your memory card.

Parent topic: Solving Memory Card Problems

Related references

Memory Card Types

Related tasks

Inserting a Memory Card

Cannot View or Print Photos from a Memory Card or Device

If you cannot view or print photos from a memory card or USB device inserted in your product, try these solutions:

- Make sure your memory card or device is compatible with the product.
- Make sure the files on your memory card or device are in the correct format.
- If you have too many photos on your memory card or device, you may not see all the photos you expect or may be prompted to select a group of photos by date. Reduce the number of photos on your card or select one group of photos at a time. Check the specifications for the maximum number of photos.

Parent topic: Solving Memory Card Problems

Related references

Memory Card Types
Memory Card File Specifications

Related tasks

Inserting a Memory Card

Cannot Transfer Photos To or From a Memory Card or Device

If you have problems transferring photos to or from a memory card or USB device inserted in your product, try these solutions:

- Make sure your memory card or device is compatible with the product.
- Make sure your product is securely connected to your computer.
- If you are transferring photos to a memory card, check the memory card's write-protect tab to make sure it is set to allow writing to the card.

Parent topic: Solving Memory Card Problems

Related references

Memory Card Types

Memory Card File Specifications

Related topics

Transferring Photos on a Memory Card

Message Appears Prompting You to Reset Ink Levels

If you see a message on the LCD screen to reset the ink levels, refill all of the ink tanks or the ink tanks indicated on the LCD screen, select the colors that you refilled on the LCD screen, then press the ◈ start button to reset the ink levels.

Note: Depending on the operating conditions, you may see the ink reset message even when there is still ink in the tanks.

Parent topic: Solving Problems

When to Uninstall Your Product Software

If you have a problem that requires you to uninstall and re-install your software, follow the instructions for your operating system.

Uninstalling Printing Software - Windows

Uninstalling Product Software - OS X

Parent topic: Solving Problems

Uninstalling Printing Software - Windows

You can uninstall and then re-install your printer software to solve certain problems.

1. Turn off the product.
2. Disconnect any interface cables.
3. Do one of the following:
   - **Windows 8.x**: Navigate to the **Apps** screen and select **Control Panel** > **Programs** > **Programs and Features**. Select the uninstall option for your Epson product, then select **Uninstall/Change**.

     Note: If you see a **User Account Control** window, click **Yes** or **Continue**.

     In the next window, select your product, if necessary, and click **OK**. Then follow any on-screen instructions.
   - **Windows (other versions)**: Click or **Start**, and select **All Programs** or **Programs**. Select **Epson**, select your product, then click **EPSON Printer Software Uninstall**.

     Note: If you see a **User Account Control** window, click **Yes** or **Continue**.

     In the next window, select your product, if necessary, and click **OK**. Then follow any on-screen instructions.
4. Restart your computer, then re-install your software.

Note: If you find that re-installing your product software does not solve a problem, contact Epson.

Parent topic: When to Uninstall Your Product Software

Uninstalling Product Software - OS X

In most cases, you do not need to uninstall your product software before re-installing it. However, you can download the Uninstaller utility from the Epson support website to uninstall your product software as described here.

Note: If you find that re-installing your product software does not solve a problem, contact Epson.

1. To download the Uninstaller utility, visit the Epson download site at global.latin.epson.com/Soporte.
2. Select your product category.
3. Select your product.
4. Click **Controladores y Software**, locate the Uninstaller utility, and click the **Descarga** button.

5. Run the file you downloaded.
6. Double-click the **Uninstaller** icon.
7. Select the checkbox for each software program you want to uninstall.
8. Click **Uninstall**.
9. Follow the on-screen instructions to uninstall the software.
10. To reinstall your product software, see the *Start Here* sheet for instructions.

Note: If you uninstall the printer driver and your product name remains in the **Print & Fax**, **Print & Scan**, or **Printers & Scanners** window, select your product name and click the **–** (remove) icon to remove it.

Parent topic: When to Uninstall Your Product Software

Where to Get Help

If you need additional help with your Epson product, contact Epson.

Epson provides these technical support services:

Internet Support

Visit Epson's support website at global.latin.epson.com/Soporte for solutions to common problems. You can download drivers and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions. (Website available in Spanish and Portuguese only.)

Speak to a Support Representative

Before you call Epson for support, please have the following information ready:

- Product name
- Product serial number (located on a label on the product)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration
- Description of the problem

Then call:

Country	Telephone
Argentina	(54 11) 5167-0300 0800-288-37766
Bolivia*	800-100-116
Brazil	State capitals and metropolitan areas: 4003-0376 Other areas: 0800-880-0094
Chile	(56 2) 2484-3400
Colombia	Bogota: (57 1) 523-5000 Other cities: 018000-915235
Costa Rica	800-377-6627
Dominican Republic*	1-888-760-0068
Ecuador*	1-800-000-044
El Salvador*	800-6570
Guatemala*	1-800-835-0358
Honduras**	800-0122 Code: 8320
Mexico	Mexico City: (52 55) 1323-2052 Other cities: 01-800-087-1080
Nicaragua*	00-1-800-226-0368
Panama*	00-800-052-1376
Paraguay	009-800-521-0019
Peru	Lima: (51 1) 418-0210 Other cities: 0800-10126
Uruguay	00040-5210067
Venezuela	(58 212) 240-1111

* Contact your local phone company to call this toll free number from a mobile phone.

** Dial first 7 digits, wait for a message, then enter code.

If your country does not appear in the list, contact the sales office in the nearest country. Toll or long distance charges may apply.

Purchase Supplies and Accessories

You can purchase genuine Epson ink and paper from an Epson authorized reseller. To find the nearest reseller, visit global.latin.epson.com or call your nearest Epson sales office (website available in Spanish and Portuguese only).

Parent topic: Solving Problems

Technical Specifications

These sections list the technical specifications for your product.

Windows System Requirements
OS X System Requirements
Paper Specifications
Printable Area Specifications
Ink Specifications
Memory Card Specifications
External USB Device Specifications
Dimension Specifications
Electrical Specifications
Environmental Specifications
Interface Specifications

Windows System Requirements

To use your product and its software, your computer should use one of these Microsoft operating systems:

- Windows 8.x
- Windows 7
- Windows Vista
- Windows XP Professional x64 Edition
- Windows XP SP3

Note: Visit Epson's support website at global.latin.epson.com/Soporte for the latest in compatibility and drivers for your product (website available in Spanish and Portuguese only).

Parent topic: Technical Specifications

OS X System Requirements

To use your product and its software, your Mac should use one of these operating systems:

- OS X 10.9.x

- OS X 10.8.x
- OS X 10.7.x
- OS X 10.6.x

Note: Visit Epson's support website at global.latin.epson.com/Soporte for the latest in compatibility and drivers for your product (website available in Spanish and Portuguese only).

Parent topic: Technical Specifications

Paper Specifications

Note: Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, Epson cannot guarantee the quality of any non-Epson brand or type of paper. Always test a sample of paper stock before purchasing large quantities or printing large jobs.

Single-sheets

Size	A4 (8.3 × 11.7 inches [210 × 297 mm]) A6 (4.1 × 5.8 inches [105 × 148 mm]) Letter (8.5 × 11 inches [216 × 279 mm]) Legal (8.5 × 14 inches [216 × 356 mm]) 4 × 6 inches (102 × 152 mm) 5 × 7 inches (127 × 178 mm) 8 × 10 inches (203 × 254 mm) 3.5 × 5 inches (89 × 127 mm) 16:9 wide (4 × 7.1 inches [102 × 181 mm]) Half Letter (5.5 × 8.5 inches [140 × 279 mm])
Paper types	Plain paper and paper distributed by Epson
Weight	17 lb (64 g/m^2) to 24 lb (90 g/m^2)

Envelopes

Size	No. 10 (4.1 × 9.5 inches [105 × 241 mm])

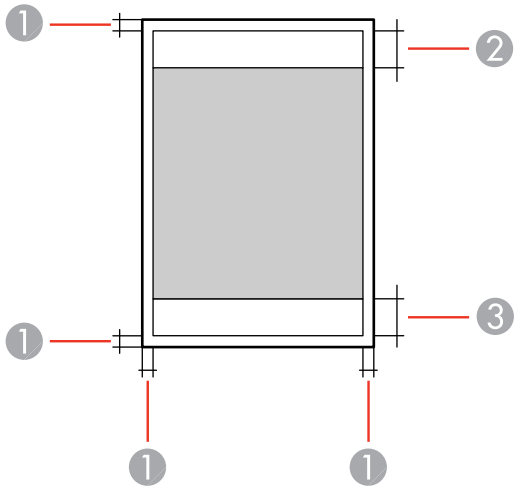
Paper types	Plain bond paper
Weight	20 lb (75 g/m^2) to 24 lb (90 g/m^2)

Parent topic: Technical Specifications

Printable Area Specifications

Note: Print quality may decline in the shaded areas shown here due to the printer mechanism.

Single sheets - normal printing

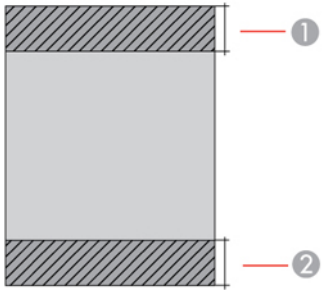


1 Margin: 0.12 inch (3 mm) minimum

2 Quality border/top: 1.42 inch (36 mm)

3 Quality border/bottom: 0.71 inch (18 mm)

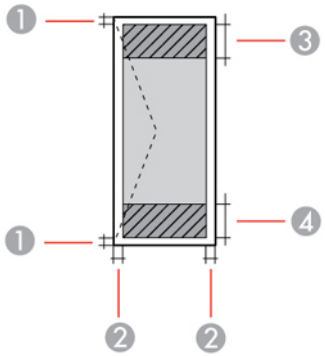
Single sheets - borderless printing



1 Quality border/top: 1.54 inch (39 mm)

2 Quality border/bottom: 0.82 inch (21 mm)

Envelopes



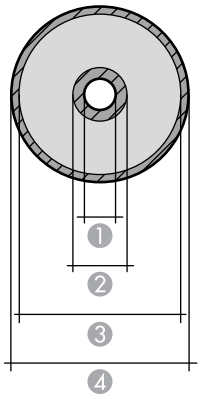
1 Left/right margins: 0.12 inch (3 mm) minimum

2 Top/bottom margins: 0.20 inch (5 mm) minimum

3 Quality border/right: 0.71 inch (18 mm)

4 Quality border/left: 1.42 inch (36 mm)

CD/DVD



1 Minimum inner margin: 0.71 inch (18 mm) for 12-cm and 8-cm CD/DVD

2 Inner quality border: 1.69 inch (43 mm) for 12-cm and 8-cm CD/DVD

3 Outer quality border: 4.57 inch (116 mm) for 12-cm CD/DVD; 2.99 inch (76 mm) for 8-cm CD/DVD

4 Maximum outer margin: 4.72 inch (120 mm) for 12-cm CD/DVD; 3.15 inch (80 mm) for 8-cm CD/DVD

Parent topic: Technical Specifications

Ink Specifications

Note: This product was originally designed to work with genuine Epson inks. Your product may not function properly if you use other types of ink and may affect Epson's warranty.

The included ink bottles must be used for printer setup and are not for resale. The printer ships with full ink bottles and part of the ink from the first bottles is used to charge the print head. Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature.

The ink bottles that came with your printer have a lower yield due to the ink charging process. This process is carried out the first time you turn on the printer and guarantees better performance. Do not load paper before refilling the ink tanks.

Color	Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta

Ink life	For best results, use up ink within 6 months of removing the seal from an ink bottle
Temperature	Storage: –4 to 104 °F (–20 to 40 °C) 1 month at 104 °F (40 °C) Ink freezes at 5 °F (–15 °C) Ink thaws and is usable after 2 hours at 77 °F (25 °C)

Parent topic: Technical Specifications

Related concepts

Purchase Epson Ink

Memory Card Specifications

Note: Cards marked with an asterisk (*) require an adapter; consult your adapter documentation for details on using it.

Compatible types/Maximum capacities	Memory Stick: 128MB Memory Stick Duo*: 128MB Memory Stick PRO: 32GB Memory Stick PRO Duo*: 32GB Memory Stick PRO-HG Duo*: 32GB MagicGate Memory Stick: 128MB MagicGate Memory Stick Duo*: 128MB Memory Stick Micro*: 32GB miniSD*: 2GB miniSDHC*: 32GB microSD*: 2GB microSDHC*: 32GB microSDXC*: 64GB SD: 2GB SDHC: 32GB SDXC: 64GB
Voltage requirements	3.3 V type, dual voltage type (3.3 V and 5V); supply voltage 3.3 V Maximum current: 100 mA for Memory Stick/Pro; 200 mA for SD

Parent topic: Technical Specifications

External USB Device Specifications

Do not use devices with the following requirements:

- Dedicated driver
- Security settings
- Built-in USB hub

Note: Use only external storage devices with independent AC power sources. External storage devices that are powered via USB are not recommended. Epson cannot guarantee the operation of externally connected devices.

CD-ROM/CD-R drive	700MB maximum capacity CD-RW is not supported
DVD-ROM/DVD-R drive	4.7GB maximum capacity DVD+R, DVD± RW, DVD-RAM, and Blu-ray Disc are not supported
Magneto-optical drive	1.3GB
Hard disk and USB flash drives	2TB Formatted in FAT, FAT32, or exFAT.

Parent topic: Technical Specifications

Dimension Specifications

Height	Stored: 7.7 inches (196 mm) Printing: 11.1 inches (283 mm)
Width	Stored: 21.3 inches (542 mm) Printing: 21.3 inches (542 mm)
Depth	Stored: 15.2 inches (386 mm) Printing: 23.9 inches (608 mm)
Weight (without ink and power cord)	18.1 lb (8.2 kg)

Parent topic: Technical Specifications

Electrical Specifications

Power supply rating	100 to 120 V 220 to 240 V
Rated frequency range	50/60 Hz
Rated current	100 to 120 V model: 0.6 A 220 to 240 V model: 0.3 A

Power consumption	Printing: Approximately 14 W (ISO/IEC24712)
(100 to 120 V model with USB connection)	Ready mode: Approximately 4.1 W
	Sleep mode: Approximately 1.3 W
	Power off mode: Approximately 0.15 W
Power consumption	Printing: Approximately 14 W (ISO/IEC24712)
(220 to 240 V model with USB connnection)	Ready mode: Approximately 4.1 W
	Sleep mode: Approximately 1.6 W
	Power off mode: Approximately 0.35 W

Parent topic: Technical Specifications

Environmental Specifications

Temperature	Operating: 50 to 95 °F (10 to 35 °C)
	Storage: –4 to 104 °F (–20 to 40 °C)
	1 month at 104 °F (40 °C)
Humidity	Operating: 20 to 80% RH
(without condensation)	Storage: 5 to 85% RH

Parent topic: Technical Specifications

Interface Specifications

For computer	Hi-Speed USB
For external USB and PictBridge devices	Hi-Speed USB

Note: Epson cannot guarantee the operation of externally connected devices.

Parent topic: Technical Specifications

Notices

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Default Delay Times for Power Management for Epson Products

This product will enter sleep mode after a period of nonuse. This is to ensure that the product meets Energy Star standards of energy efficiency. More energy savings can be achieved by setting the time to sleep to a shorter interval.

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