



User's Guide

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Introduction

Where to Find Information

The latest version of the following manuals are available on the Epson support website.

<http://www.epson.eu/Support> (Europe)

<http://support.epson.net/> (outside Europe)

Start Here (paper):

Provides you with information on setting up the product and installing the software.

User's Guide (PDF):

Provides you with detailed operating, safety, and troubleshooting instructions. See this guide when using this product with a computer, or when using advanced features such as 2 sided copying.

To view the PDF manual, you need Adobe Acrobat Reader 5.0 or later, or Adobe Reader.

Network Guide (PDF):

Provides network administrators with information on both the printer driver and network settings.

Caution, Important and Note

Caution, Important and Note in this manual are indicated as below and have the following meaning.



Caution

must be followed carefully to avoid bodily injury.



Important

must be observed to avoid damage to your equipment.

Note

contain useful tips and restrictions on product operation.

Operating System Versions

In this manual, the following abbreviations are used.

Windows 8 refers to Windows 8 and Windows 8 Pro.

Windows 7 refers to Windows 7 Home Basic, Windows 7 Home Premium, Windows 7 Professional, and Windows 7 Ultimate.

Introduction

- ❑ Windows Vista refers to Windows Vista Home Basic Edition, Windows Vista Home Premium Edition, Windows Vista Business Edition, Windows Vista Enterprise Edition, and Windows Vista Ultimate Edition.
- ❑ Windows XP refers to Windows XP Home Edition, Windows XP Professional x64 Edition, and Windows XP Professional.
- ❑ Mac OS X refers to Mac OS X 10.5.8, 10.6.x, 10.7.x, 10.8.x.

Using Epson Connect Service

Using Epson Connect and other companies' services, you can easily print directly from your smartphone, tablet PC or laptop, anytime and practically anywhere even across the globe! For more information about printing and other services, visit the following URL;

<https://www.epsonconnect.com/> (Epson Connect portal site)

<http://www.epsonconnect.eu/> (Europe only)



Note:

You can make network service settings using a Web browser on your computer, smartphone, tablet PC, or laptop that is connected to the same network as the product.

➔ [“Making Network Service Settings” on page 96](#)

Important Instructions

Important Instructions

Safety Instructions

Read and follow these instructions to ensure safe use of this product. Make sure you keep this guide for future reference. Also, be sure to follow all warnings and instructions marked on the product.

- ❑ Use only the power cord supplied with the product and do not use the cord with any other equipment. Use of other cords with this product or the use of the supplied power cord with other equipment may result in fire or electric shock.
- ❑ Be sure your AC power cord meets the relevant local safety standard.
- ❑ Never disassemble, modify, or attempt to repair the power cord, plug, printer unit, scanner unit, or options by yourself, except as specifically explained in the product's guides.
- ❑ Unplug the product and refer servicing to qualified service personnel under the following conditions: The power cord or plug is damaged; liquid has entered the product; the product has been dropped or the casing damaged; the product does not operate normally or exhibits a distinct change in performance. Do not adjust controls that are not covered by the operating instructions.
- ❑ Place the product near a wall outlet where the plug can be easily unplugged.
- ❑ Do not place or store the product outdoors, near excessive dirt or dust, water, heat sources, or in locations subject to shocks, vibrations, high temperature or humidity.
- ❑ Take care not to spill liquid on the product and not to handle the product with wet hands.
- ❑ Keep this product at least 22 cm away from cardiac pacemakers. Radio waves from this product may adversely affect the operation of cardiac pacemakers.
- ❑ If the LCD screen is damaged, contact your dealer. If the liquid crystal solution gets on your hands, wash them thoroughly with soap and water. If the liquid crystal solution gets into your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately.

Note:

The following provides safety instructions for ink cartridges.

➔ ["Replacing Ink Cartridges" on page 77](#)

Product Advisories and Warnings

Read and follow these instructions to avoid damaging the product or your property. Make sure you keep this guide for future reference.

Setting up/using the product

- ❑ Do not block or cover the vents and openings in the product.

Important Instructions

- ❑ Use only the type of power source indicated on the product's label.
- ❑ Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.
- ❑ Avoid electrical outlets controlled by wall switches or automatic timers.
- ❑ Keep the entire computer system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- ❑ The power-supply cords should be placed to avoid abrasions, cuts, fraying, crimping, and kinking. Do not place objects on top of the power-supply cords and do not allow the power-supply cords to be stepped on or run over. Be particularly careful to keep all the power-supply cords straight at the ends and the points where they enter and leave the transformer.
- ❑ If you use an extension cord with the product, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure that the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- ❑ If you plan to use the product in Germany, the building installation must be protected by a 10 or 16 amp circuit breaker to provide adequate short-circuit protection and over-current protection for the product.
- ❑ When connecting the product to a computer or other device with a cable, ensure the correct orientation of the connectors. Each connector has only one correct orientation. Inserting a connector in the wrong orientation may damage both devices connected by the cable.
- ❑ Place the product on a flat, stable surface that extends beyond the base of the product in all directions. If you place the product by the wall, leave more than 10 cm between the back of the product and the wall. The product will not operate properly if it is tilted at an angle.
- ❑ When storing or transporting the product, avoid tilting it, placing it vertically, or turning it upside down; otherwise ink may leak.
- ❑ Allow spaces behind the product for the cables, and space above the product so that you can fully raise the document cover.
- ❑ Leave enough space in front of the product for the paper to be fully ejected.
- ❑ Avoid places subject to rapid changes in temperature and humidity. Also, keep the product away from direct sunlight, strong light, or heat sources.
- ❑ Do not insert objects through the slots in the product.
- ❑ Do not put your hand inside the product or touch the ink cartridges during printing.
- ❑ Do not touch the white flat cable inside the product.
- ❑ Do not use aerosol products that contain flammable gases inside or around the product. Doing so may cause fire.
- ❑ Do not move the print head by hand; otherwise, you may damage the product.
- ❑ Always turn the product off using the ⏻ button. Do not unplug the product or turn off the power at the outlet until the LCD screen has turned off completely.

Important Instructions

- ❑ Before transporting the product, make sure that the print head is in the home (far right) position and the ink cartridges are in place.
- ❑ Be careful not to trap your fingers when closing the scanner unit.
- ❑ If you are not going to use the product for a long period, be sure to unplug the power cord from the electrical outlet.
- ❑ Do not press too hard on the scanner glass when placing the originals.
- ❑ During the life of your product it may be necessary to replace the waste ink pad when it has become full. Whether and how often this is required will vary according to the number of pages you print, the type of material that you print and the number of cleaning cycles that the product performs. Epson Status Monitor, your LCD, or lights on the control panel will advise you when this part needs replacing. The need for replacement of the pad does not mean that your product has ceased to operate in accordance with its specifications. The replacement of this part is a routine product servicing activity within the product's specification and is not a problem which requires repair. The Epson warranty does not therefore cover the cost of this replacement. If your product needs the pad replacing this can be performed for you by any authorised Epson service provider. It is not a user-serviceable part.

Using the product with a wireless connection

- ❑ Do not use this product inside medical facilities or near medical equipment. Radio waves from this product may adversely affect the operation of electrical medical equipment.
- ❑ Do not use this product near automatically controlled devices such as automatic doors or fire alarms. Radio waves from this product may adversely affect these devices, and could lead to accidents due to malfunction.

Using the LCD screen

- ❑ The LCD screen may contain a few small bright or dark spots, and because of its features it may have an uneven brightness. These are normal and do not indicate that it is damaged in any way.
- ❑ Only use a dry, soft cloth to clean the LCD Screen. Do not use liquid or chemical cleansers.
- ❑ The exterior cover of the LCD screen could break if it receives a heavy impact. Contact your dealer if the panel surface chips or cracks, and do not touch or attempt to remove the broken pieces.

Handling ink cartridges

➔ [“Replacing Ink Cartridges” on page 77](#)

Restrictions on Copying

Observe the following restrictions in order to ensure the responsible and legal use of the product.

Copying of the following items is prohibited by law:

- ❑ Bank bills, coins, government-issued marketable securities, government bond securities, and municipal securities
- ❑ Unused postage stamps, pre-stamped postcards, and other official postal items bearing valid postage

Important Instructions

- Government-issued revenue stamps, and securities issued according to legal procedure

Exercise caution when copying the following items:

- Private marketable securities (stock certificates, negotiable notes, checks, etc.), monthly passes, concession tickets, etc.
- Passports, driver's licenses, warrants of fitness, road passes, food stamps, tickets, etc.

Note:

Copying these items may also be prohibited by law.

Responsible use of copyrighted materials:

- Products can be misused by improperly copying copyrighted materials. Unless acting on the advice of a knowledgeable attorney, be responsible and respectful by obtaining the permission of the copyright holder before copying published material.

Getting to Know Your Product

Available features for your product

Check what is available for your product.

Print	
Copy	
Scan	
Wi-Fi	
Epson Connect services	Email Print
	Remote Print Driver
	iPrint*
Other companies' services	AirPrint
	Google Cloud Print
PictBridge	WLAN

* Epson iPrint is an application for iOS and Android. Using Epson iPrint, you can wirelessly print and scan from your smartphone or tablet. For more information, visit the following website.



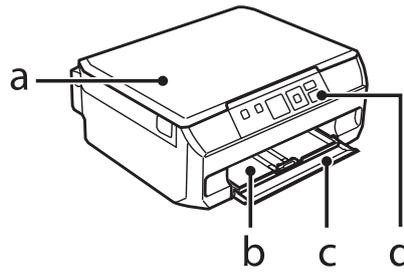
<http://ipr.to/a>

Product Parts

Note:

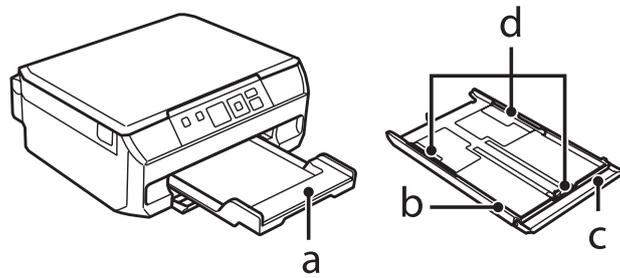
The illustrations in this manual are from a similar product model. Although they may differ from your actual product, the method of operation is the same.

Getting to Know Your Product

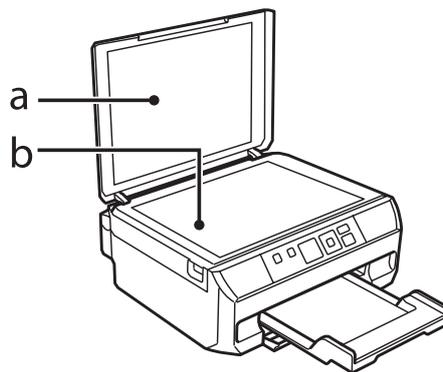


a.	Document cover
b.	Paper cassette*
c.	Front cover*
d.	Control panel

* See the following illustration for details.

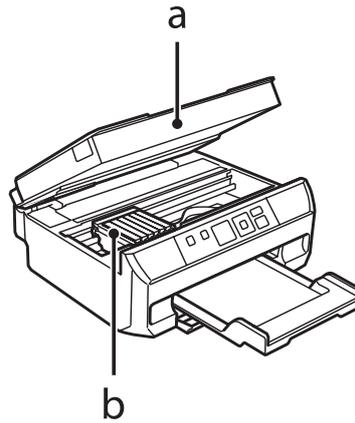


a.	Output tray
b.	Paper cassette
c.	Front cover
d.	Edge guides

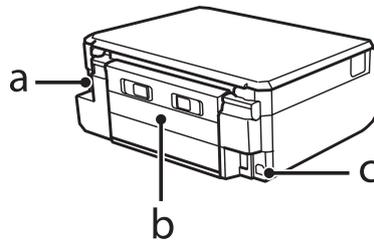


a.	Document mat
b.	Scanner glass

Getting to Know Your Product



a.	Scanner unit
b.	Print head / Ink cartridge holder

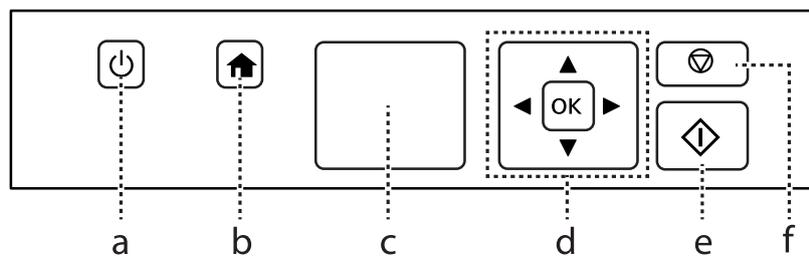


a.	AC inlet
b.	Rear cover
c.	USB port

Guide to the Control Panel

Note:

Although the control panel design and what displayed on the LCD screen such as menu names and option names may differ from your actual product, the method of operation is the same.



Getting to Know Your Product

Button and LCD

	Buttons	Function
a		Turns the product on or off.
b		Displays the Home menu.
c	-	LCD screen (1.44-inch)
d		Press  ,  ,  ,  to select menus. Press OK to confirm the setting you have selected and go to next screen.
e		Starts copying/printing/scanning.
f		Stops the current operation or initializes the current settings. This also allows you to return to the previous screen.

Network status icon

An icon displayed at the upper left on the LCD screen. Shows the network status.

Icons	Status
	Wi-Fi network error/searching
	Connected to a Wi-Fi network (signal strength: Fair)
	Connected to a Wi-Fi network (signal strength: Good)
	Connected to a Wi-Fi network (signal strength: Excellent)
	Indicates Ad Hoc Connection is on
	Displays the printer is connected via Simple AP mode
	Displays the printer is connected via Wi-Fi Direct mode
	Processing a Wi-Fi connection

Lights

Lights	Function
	On when the product is on. Flashes when the product is receiving data, printing/copying/scanning, replacing an ink cartridge, charging ink, or cleaning the print head.

Paper and Media Handling

Introduction to Using, Loading, and Storing Media

You can achieve good results with most types of plain paper. However, coated papers provide superior prints because they absorb less ink.

Epson provides special papers that are formulated for the ink used in Epson ink jet products, and recommends these papers to ensure high-quality results.

When loading special paper distributed by Epson, read the instruction sheets packed with the paper first and keep the following points in mind.

Note:

- ❑ *Load the paper into the paper cassette printable side down. The printable side is usually whiter or glossier. See the instruction sheets packed with the paper for more information. Some types of paper have cut corners to help identify the correct loading direction.*
- ❑ *If the paper is curled, flatten it or curl it slightly in the opposite direction before loading. Printing on curled paper may cause ink to smear on your prints.*



Storing paper

Return unused paper to the original package as soon as you finish printing. When handling special media, Epson recommends storing your prints in a resealable plastic bag. Keep unused paper and prints away from high temperature, humidity, and direct sunlight.

Selecting Paper

The table below lists supported papers. Loading capacity and borderless print availability varies by paper as shown.

Paper and Media Handling

Media Type	Size	Loading capacity (sheets)	Borderless printing*5
Plain paper*1	Letter*2	up to 11 mm	-
	A4*2	up to 11 mm	-
	B5*2	up to 11 mm	-
	A5*2	up to 11 mm	-
	A6*3	up to 2 mm	-
	Legal*4	1	-
	User defined size	1	-
Envelope	#10	10	-
	DL	10	-
	C6	10	-
Epson Bright White Ink Jet Paper	A4*2	80	-
Epson Photo Quality Ink Jet Paper	A4	80	-
Epson Matte Paper-Heavyweight	A4	20	✓
Epson Double-Sided Matte Paper	A4*4	1	✓
Epson Photo Paper	A4	20	✓
	10 × 15 cm (4 × 6 in.)	20	✓
	13 × 18 cm (5 × 7 in.)	20	✓
Epson Premium Glossy Photo Paper	A4	20	✓
	10 × 15 cm (4 × 6 in.)	20	✓
	13 × 18 cm (5 × 7 in.)	20	✓
	16:9 wide size (102 × 181mm)	20	✓
Epson Premium Semigloss Photo Paper	A4	20	✓
	10 × 15 cm (4 × 6 in.)	20	✓
Epson Photo Paper Glossy	A4	20	✓
	10 × 15 cm (4 × 6 in.)	20	✓
	13 × 18 cm (5 × 7 in.)	20	✓
Epson Ultra Glossy Photo Paper	A4	20	✓
	10 × 15 cm (4 × 6 in.)	20	✓
	13 × 18 cm (5 × 7 in.)	20	✓

Paper and Media Handling

Media Type	Size	Loading capacity (sheets)	Borderless printing*5
Epson Glossy Photo Paper	A4	20	✓
	10 × 15 cm (4 × 6 in.)	20	✓
	13 × 18 cm (5 × 7 in.)	20	✓
Epson Iron-On Cool Peel Transfer Paper	A4	1	-
Epson Photo Stickers	A6	1	-

*1 Paper with a weight of 64 g/m² (17 lb) to 90 g/m² (24 lb).

*2 The loading capacity for manual 2-sided printing is 30 sheets.

*3 The loading capacity for manual 2-sided printing is 20 sheets.

*4 The loading capacity for manual 2-sided printing is 1 sheet.

*5 Borderless printing is not available for 2-sided printing.

Note:

The availability of paper varies by location.

Paper type settings on the LCD screen

The product automatically adjusts itself for the type of paper you select in your print settings. That is why the paper type setting is so important. It tells your product what kind of paper you are using and adjusts the ink coverage accordingly. The table below lists the settings you should choose for your paper.

For this paper	LCD paper type
Plain paper*	Plain Paper
Epson Bright White Ink Jet Paper*	Plain Paper
Epson Ultra Glossy Photo Paper	Ultra Glossy
Epson Premium Glossy Photo Paper	Prem. Glossy
Epson Premium Semigloss Photo Paper	Prem. Glossy
Epson Photo Paper Glossy	Glossy
Epson Glossy Photo Paper	Glossy
Epson Photo Paper	Photo Paper
Epson Photo Quality Ink Jet Paper	Matte
Epson Matte Paper–Heavyweight	Matte
Epson Double-Sided Matte Paper	Matte
Epson Photo Stickers	PhotoSticker16

* You can perform 2-sided printing with this paper.

Paper and Media Handling

Paper type settings from the printer driver

The product automatically adjusts itself for the type of paper you select in your print settings. That is why the paper type setting is so important. It tells your product what kind of paper you are using and adjusts the ink coverage accordingly. The table below lists the settings you should choose for your paper.

For this paper	Printer driver paper type
Plain paper*	plain papers
Epson Bright White Ink Jet Paper*	plain papers
Epson Iron-On Cool Peel Transfer Paper	plain papers
Epson Ultra Glossy Photo Paper*	Epson Ultra Glossy
Epson Premium Glossy Photo Paper*	Epson Premium Glossy
Epson Premium Semigloss Photo Paper*	Epson Premium Semigloss
Epson Photo Paper Glossy*	Photo Paper Glossy
Epson Glossy Photo Paper*	Epson Glossy
Epson Photo Paper*	Epson Photo
Epson Photo Quality Ink Jet Paper*	Epson Photo Quality Ink Jet
Epson Matte Paper – Heavyweight*	Epson Matte
Epson Double-Sided Matte Paper*	Epson Matte
Epson Photo Stickers*	Epson Photo Stickers
Envelopes	Envelope

* These paper types are compatible with Exif Print and PRINT Image Matching. For more information, refer to the documentation that came with the Exif Print or PRINT Image Matching compatible digital camera.

Note:

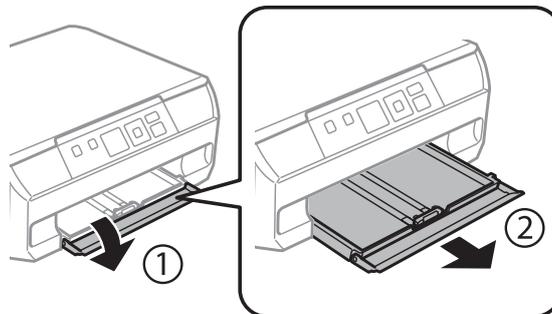
The availability of special media varies by location. For the latest information on media available in your area, contact Epson support.

➔ [“Technical Support Web Site” on page 133](#)

Loading Paper

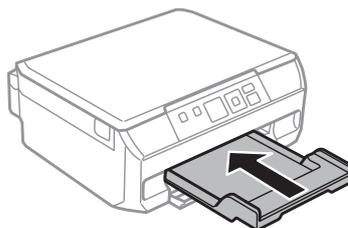
Into the paper cassette

- 1 Open the front cover and pull out the paper cassette.

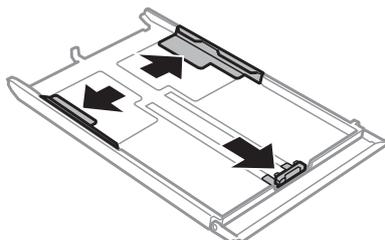


Note:

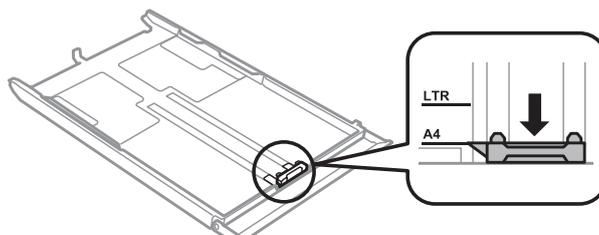
If the output tray has been ejected, close it before pulling out the paper cassette.



- 2 Slide the edge guides to the sides of the paper cassette.



- 3 Slide the edge guide to adjust to the paper size you will use.



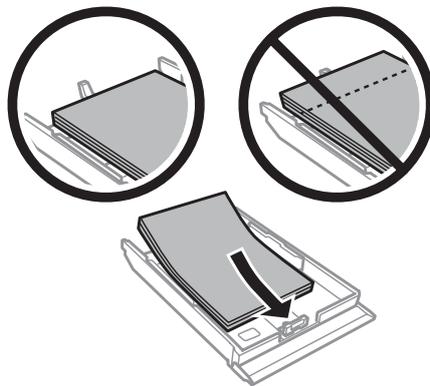
Note:

If you are loading envelopes, skip this step.

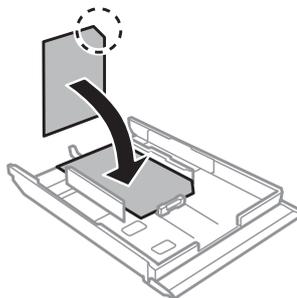
Paper and Media Handling

4

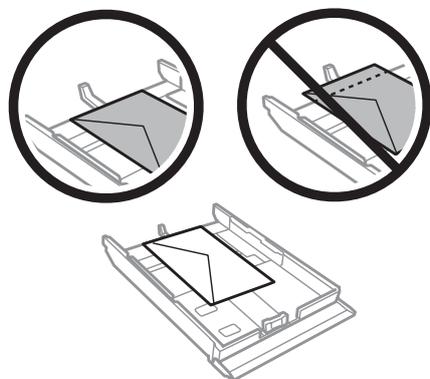
Load paper toward the edge guide with printable side face-down, and check that the paper is not sticking out from the end of the cassette.

**Note:**

- ❑ Fan and align the edges of the paper before loading.
- ❑ For plain paper, do not load paper above the line just under the  arrow mark inside the edge guide. For Epson special media, make sure the number of sheets is less than the limit specified for the media.
 - ➔ [“Selecting Paper” on page 17](#)
- ❑ When loading a Photo Stickers sheet, place it face down. Do not use the loading support sheet that came with the Photo Stickers.



Load envelopes short edge first with the flap facing up and to the left. Next, check that the envelopes are not sticking out from the end of the cassette.



Paper and Media Handling

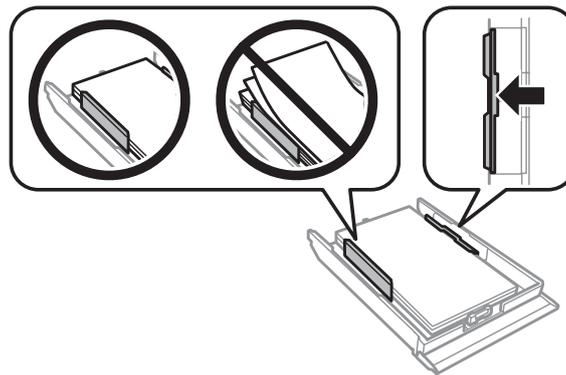
Note:

- ❑ *The thickness of envelopes and their ability to fold vary widely. If the total thickness of the stack of envelopes exceeds 11 mm, press down on the envelopes to flatten them before loading. If print quality declines when a stack of envelopes is loaded, load one envelope at a time.*
 - ➔ *“Selecting Paper” on page 17*
- ❑ *Do not use envelopes that are curled or folded.*
- ❑ *Flatten the envelope and the flaps before loading.*

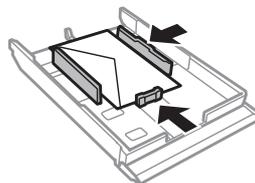


- ❑ *Flatten the leading edge of the envelope before loading.*
- ❑ *Avoid using envelopes that are too thin, as they may curl during printing.*
- ❑ *Align the edges of the envelopes before loading.*

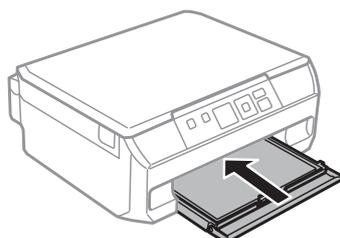
5 Slide the edge guides to the edges of the paper.



Slide the edge guides to the edges of the envelopes.

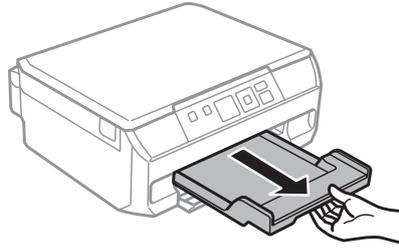


6 Keep the cassette flat and insert it back into the product carefully and slowly.



Paper and Media Handling

- 7 Pull out the output tray.

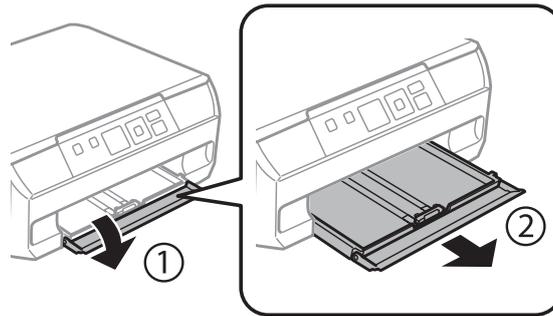


Note:

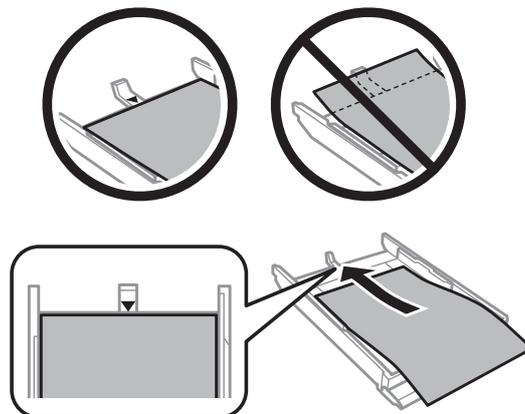
- ❑ Leave enough space in front of the product for the paper to be fully ejected.
- ❑ Do not remove or insert the paper cassette while the product is operating.

Loading a legal paper or longer than A4 size paper

- 1 Open the front cover and remove the paper cassette.

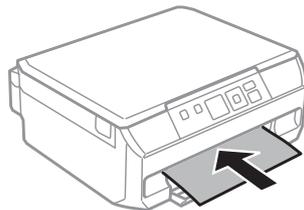


- 2 Load paper toward the ▼ arrow mark in the end of the paper cassette with printable face-down.
Load one sheet at a time and leave the end of the paper protruding from the paper cassette.



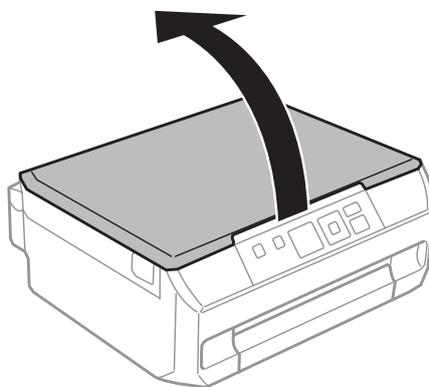
Paper and Media Handling

- 3 Keep the cassette flat and insert it back into the product carefully and slowly.

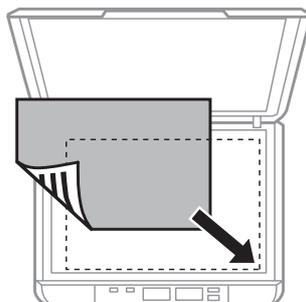


Placing Originals

- 1 Open the document cover.



- 2 Place your original face-down on the scanner glass, and slide it to the front-right corner.



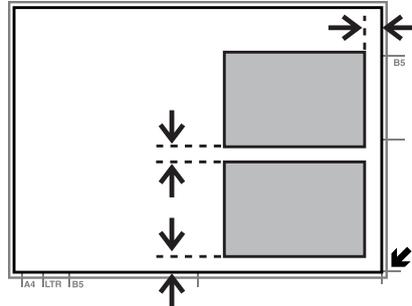
Note:

- ❑ When performing double-sided printing using the **1>2 Sided** function, place the second sheet in the same way when you are instructed to do so.
- ❑ See the following sections if any problems occur with the scanning area or the scanning direction when using EPSON Scan.
 - ➔ “The edges of your original are not scanned” on page 125
 - ➔ “Multiple documents are scanned into a single file” on page 125

- 3 Close the cover gently.

Placing photos

Place photos 5 mm apart.



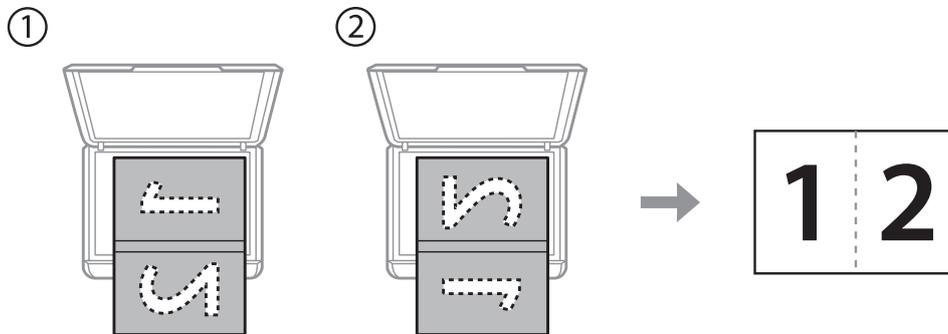
Note:

You can copy one photo or multiple photos of different sizes at the same time, as long as they are larger than 30 x 40 mm.

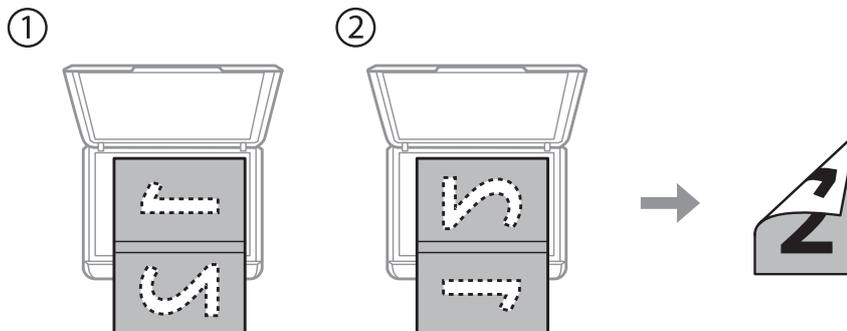
Placing a book

You can copy two pages of a book on a single side or both sides of one sheet of paper. Select **A4, Book/2-up** or **Book/2-Sided** from the **Layout** menu, and then place the book as shown below.

A4, Book/2-up



Book/2-Sided



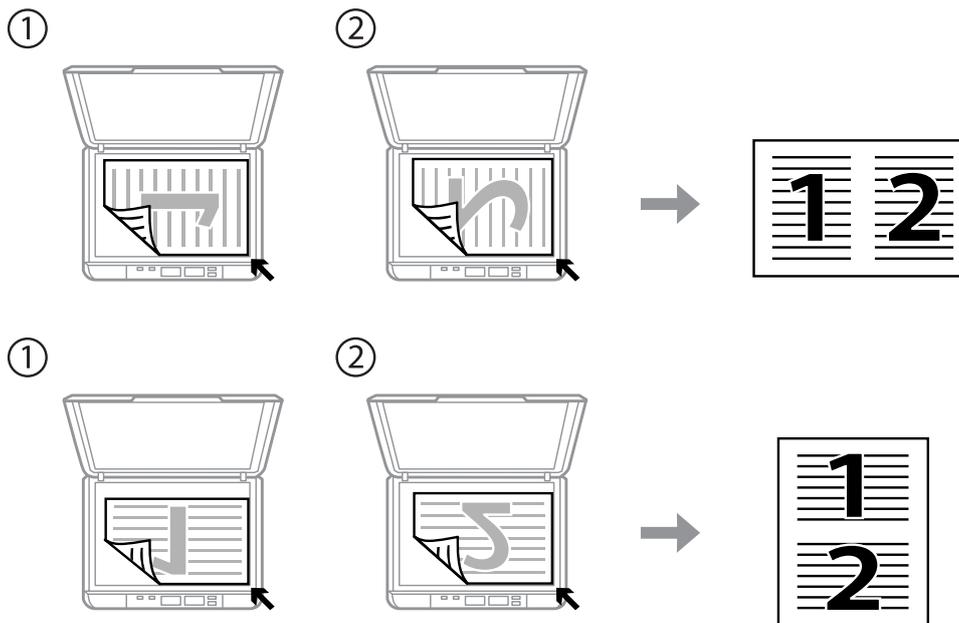
Paper and Media Handling

Note:

Close the document cover to avoid direct light, such as fluorescent lights, when scanning. Otherwise, the light may affect the scanning result.

Placing originals for 2-up copying (Layout copying)

Place the first sheet on the scanner glass, and then place the second sheet when you are instructed to do so.

**Note:**

- You can copy four A4 sheets on both sides of one sheet of paper by selecting both **1>2-Sided** and **A4, 2-up Copy**. Place the first and second sheets as shown above, and then place the third and fourth sheets in the same way.
- If you want to copy two pages of a book on one sheet of paper, see the following section.
➔ [“Placing a book” on page 26](#)

Copying

Copying Documents

Basic copying

Follow the steps below to copy documents.

- 1 Load paper in the paper cassette.
➔ [“Into the paper cassette” on page 21](#)
- 2 Place original.
➔ [“Placing Originals” on page 25](#)
- 3 Enter **Copy** mode from the Home menu.
- 4 Press ▲ or ▼ to set the number of copies.
- 5 Set the color.
- 6 Press **OK** to display the copy menus.
- 7 Select **Settings** to display the list of copy setting and then press ▼.
- 8 Select the appropriate copy settings such as paper size, paper type, and quality. Use ▲ or ▼ to select a setting item and use ◀ or ▶ to change the setting. Press **OK** to save the changes.

Note:

You can make various layout copies such as 2-sided copy, 2-up copy, and so on. Change the 2-sided or layout settings as necessary.

- 9 Press ◇ to start copying.

2-Sided copying

With duplex copying, you can create double-sided or single-sided copies from single-sided originals. Follow the instructions below to perform duplex copying.

- 1 Load paper in the paper cassette.
➔ [“Into the paper cassette” on page 21](#)

Copying

- 2 Place original.
 ➔ “Placing Originals” on page 25
 ➔ “Placing a book” on page 26
- 3 Enter **Copy** mode from the Home menu.
- 4 Press ▲ or ▼ to set the number of copies.
- 5 Set the color.
- 6 Press **OK** to display the copy menus.
- 7 Select **Settings** to display the list of copy setting and then press ▼.
- 8 Select **2-Sided Copying**.
- 9 Select the type of 2-sided copying to use ◀ or ▶.

Setting	Description
1>1-Sided	Normal copying.
1>2-Sided	Two single-sided originals are printed onto each side of a single sheet of paper.

- 10 Make the appropriate settings for **Doc. Orientation**, or **Binding Margin** to use ◀ or ▶. Press **OK** to save the changes.

Setting	Description
Doc. Orientation	Specifies the orientation of your originals.
Binding Margin	Specifies the binding direction of your prints.

Note:

Depending on the settings for 2-Sided Copying and Layout, these menus may not be available.

- 11 Press ◊ to start copying.

Layout copying

With the layout function, you can copy two single-sided originals onto a single page.

- 1 Load paper in the paper cassette.
 ➔ “Into the paper cassette” on page 21

Copying

- 2 Place original.
 - ➔ [“Placing a book” on page 26](#)
 - ➔ [“Placing originals for 2-up copying \(Layout copying\)” on page 27](#)
- 3 Enter **Copy** mode from the Home menu.
- 4 Press **OK** to display the copy menus.
- 5 Select **Settings** to display the list of copy setting and then press ▼.
- 6 Select **Layout**.
- 7 Select **A4, 2-up Copy** to use ◀ or ▶. Press **OK** to save the changes.
- 8 Press ◊ to start copying.

Copy Mode Menu List

Refer to the section below for the Copy mode menu list.

- ➔ [“Copy Mode” on page 72](#)

Printing

Basic Operation from the Control Panel

Printing photos from a digital camera

You can print photos directly from a digital camera using a wireless connection. Make sure your digital camera can connect to a network and is PictBridge capable (DPS over IP). For more details, see the documentation provided with your camera.

- 1 Check the network status icon on the product's LCD panel to make sure that it is connected to the wireless network correctly.

➔ [“Network status icon” on page 16](#)

Note:

If you see the error/searching icon, run a Wi-Fi Connection Check.

➔ [“Setup Mode” on page 73](#)

- 2 Load photo paper in the paper cassette.

➔ [“Into the paper cassette” on page 21](#)

- 3 Enter **Setup** mode from the Home menu.

- 4 Select **External Device Setup**.

- 5 Select **Settings**.

- 6 Select the appropriate print settings such as paper size and paper type. Use ▲ or ▼ to select a setting item and use ◀ or ▶ to change the setting. Press **OK** to save the changes.

- 7 Connect your camera to the same network as the product and select the product on the network. For more details, see the documentation supplied with your camera.

Note:

Print a network status sheet to check the product name (printer name) shown on the network or other network information.

➔ [“Setup Mode” on page 73](#)

- 8 Print the photo from the camera.

Compatibility	PictBridge
---------------	------------

Printing

File Format	JPEG
Image Size	80 × 80 pixels to 10200 × 10200 pixels

Note:

- You cannot print photos or documents from other devices while the camera is connected to the product.
- Depending on the settings on this printer and the digital camera, some combinations of paper type, size, and layout may not be supported.
- Some of the settings on your digital camera may not be reflected in the output.

9

Disconnect the camera from the network.

Basic Operation from Your Computer

Printer driver and status monitor

The printer driver lets you choose from a wide variety of settings to get the best printing results. The status monitor and the printer utilities help you check the product and keep it in top operating condition.

Note for Windows users:

- Your printer driver automatically finds and installs the latest version of the printer driver from Epson's Web site. Click the **Software Update** button in your printer driver's **Maintenance** window, and then follow the on-screen instructions. If the button does not appear in the **Maintenance** window, point at **All Programs** or **Programs** in the Windows Start menu, and check in the **EPSON** folder.*

* For Windows 8:

If the button does not appear in the **Maintenance** window, right-click on the **Start** screen, or swipe from the bottom or top edge of the **Start** screen, and select **All apps**, then select **Software Update** from **EPSON** category.

- If you want to change the language of the driver, select the language you want to use from the **Language** setting in your printer driver's **Maintenance** window. Depending on the location, this function may not be available.

Accessing the printer driver for Windows

You can access the printer driver from most Windows applications, the desktop or the taskbar.

To make settings that apply only to the application you are using, access the printer driver from that application.

To make settings that apply to all of your Windows applications, access the printer driver from the desktop or the taskbar.

Refer to the following sections to access the printer driver.

Note:

Screen shots of the printer driver windows in this User's Guide are from Windows 7.

Printing

From Windows applications

- 1 Click **Print** or **Print Setup** on the File menu.
- 2 In the window that appears, click **Printer, Setup, Options, Preferences, or Properties**. (Depending on your application, you may need to click one or a combination of these buttons.)

From the desktop

- Windows 8:**
Select **Desktop, Settings** charm, and **Control Panel**. Then select **Devices and Printers** from the **Hardware and Sound** category. Right-click on the product, or press and hold the product, and select **Printing preferences**.
- Windows 7:**
Click the start button, select **Devices and Printers**. Then right-click the product and select **Printing preferences**.
- Windows Vista:**
Click the start button, select **Control Panel**, and then select **Printer** from the **Hardware and Sound** category. Then select the product and then click **Select printing preferences**.
- Windows XP:**
Click **Start, Control Panel, (Printers and Other Hardware,)** then **Printers and Faxes**. Select the product, then click **Printing Preferences** on the File menu.

From the shortcut icon on the taskbar

Right-click the product icon on the taskbar, then select **Printer Settings**.

To add a shortcut icon to the Windows taskbar, first access the printer driver from the desktop as described above. Next, click the **Maintenance** tab, the **Extended Settings** button, and then the **Monitoring Preferences** button. In the Monitoring Preferences window, select the **Shortcut Icon** check box.

Getting information through online help

In the printer driver window, try one of the following procedures.

- Right-click the item, then click **Help**.
- Click the  button at the top right of the window, then click the item (for Windows XP only).

Accessing the printer driver for Mac OS X

The table below describes how to access the printer driver dialog.

Dialog Box	How to Access It
Page Setup	Click Page Setup on the File menu of your application. <i>Note:</i> <i>Depending on your application, the Page Setup menu may not appear in the File menu.</i>
Print	Click Print on the File menu of your application.

Printing

Epson Printer Utility 4	<p>For Mac OS X 10.8 or 10.7, click System Preferences on the Apple menu and then click Print & Scan. Select your product from the Printers list box, click Options & Supplies, Utility, and then click Open Printer Utility.</p> <p>For Mac OS X 10.6, click System Preferences on the Apple menu and then click Print & Fax. Select your product from the Printers list box, click Options & Supplies, Utility, and then click Open Printer Utility.</p> <p>For Mac OS X 10.5, click System Preferences on the Apple menu and then click Print & Fax. Select your product from the Printers list box, click Open Print Queue and then click Utility button.</p>
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Basic Printing

Note:

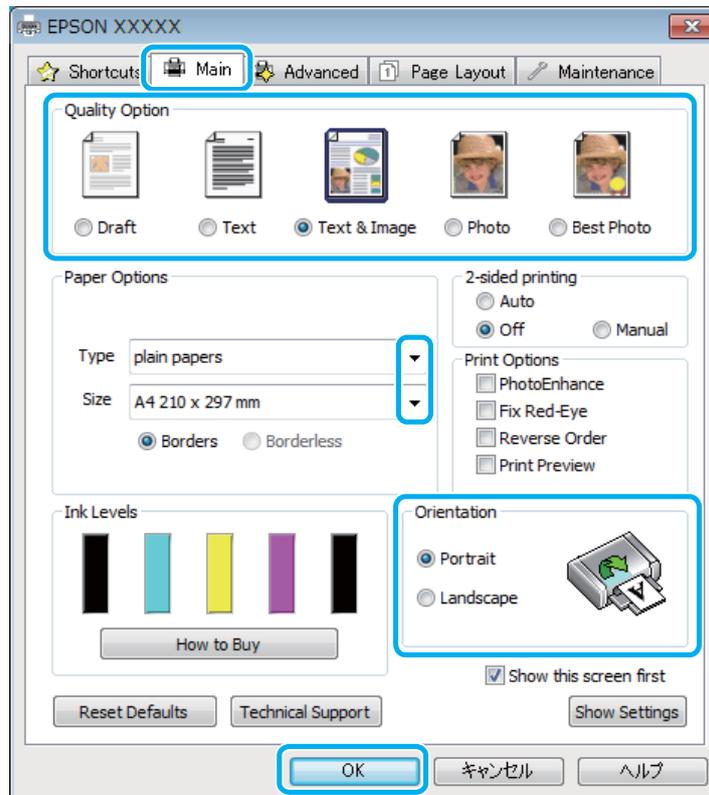
- The screen shots in this manual may vary depending on the model.*
- Before you print, load paper properly.*
 - ➔ *[“Loading Paper” on page 21](#)*
- Refer to the section below for the printable area.*
 - ➔ *[“Printable area” on page 127](#)*
- After completing the settings, print one test copy and examine the results before printing an entire job.*

Basic product settings for Windows

- 1** Open the file you want to print.

Printing

- 2 Access the printer settings.
 ➔ “Accessing the printer driver for Windows” on page 32



- 3 Click the **Main** tab.

- 4 Select the appropriate Type setting.
 ➔ “Paper type settings from the printer driver” on page 20

Note:
 Print quality is automatically adjusted for the selected paper type setting.

- 5 Select **Borderless** if you want to print borderless photos.
 ➔ “Selecting Paper” on page 17

If you want to control the amount of the image that extends beyond the edges of the paper, click the **Page Layout** tab, select **Auto Expand** as the Enlargement Method, and then adjust the **Expansion** slider.

- 6 Select the appropriate Size setting. You can also define a custom paper size. For details, see the online help.

- 7 Select **Portrait** (tall) or **Landscape** (wide) to change the orientation of your printout.

Note:
 Select **Landscape** when printing on envelopes.

Printing

- 8 Click **OK** to close the printer settings window.

Note:

To make changes to advanced settings, refer to the relevant section.

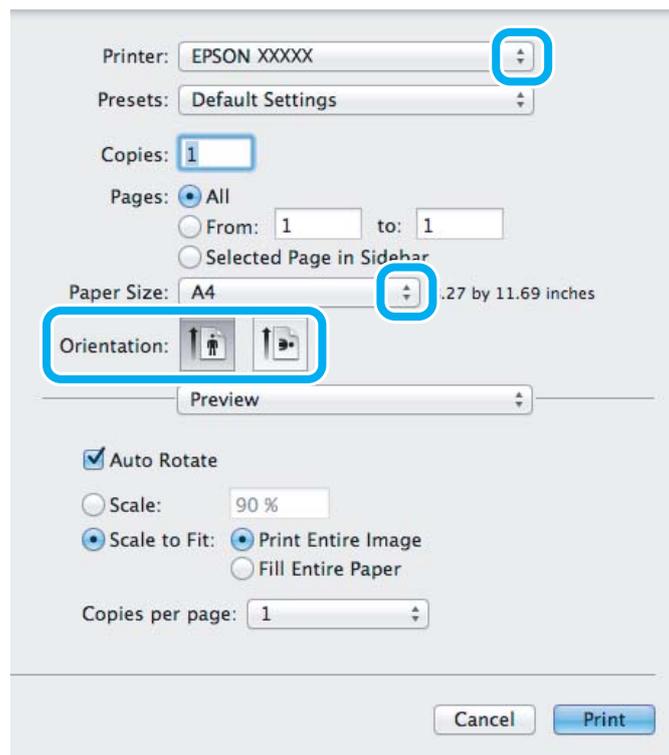
- 9 Print your file.

Basic product settings for Mac OS X

Note:

Screen shots of the printer driver windows in this manual are from Mac OS X 10.7.

- 1 Open the file you want to print.
- 2 Access the Print dialog box.
 ➔ [“Accessing the printer driver for Mac OS X”](#) on page 33



Note:

If the simplified dialog box is displayed, click the **Show Details** button (for Mac OS X 10.8 or 10.7) or the ▼ button (for Mac OS X 10.6 or 10.5) to extend this dialog box.

Printing

3 Select the product you are using as the Printer setting.

Note:
Depending on your application, you may not be able to select some of the items in this dialog box. If so, click **Page Setup** on the File menu of your application, and then make suitable settings.

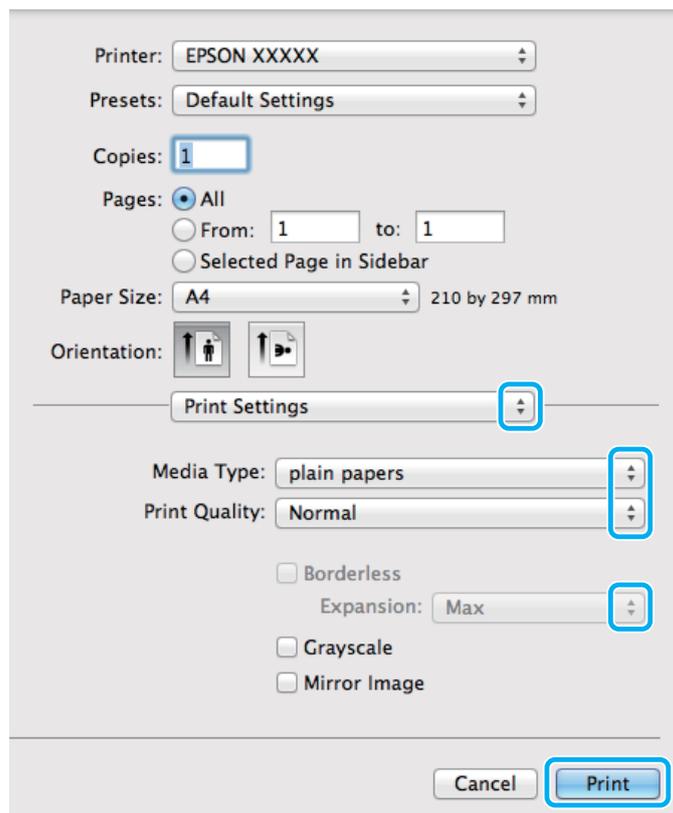
4 Select the appropriate Paper Size setting.

Note:
Select **XXX (Borderless)** as the Paper Size if you want to print borderless photos.
➔ [“Selecting Paper” on page 17](#)

5 Select the appropriate Orientation setting.

Note:
Select landscape orientation when printing envelopes.

6 Select **Print Settings** from the pop-up menu.



7 Select the appropriate Media Type setting.
➔ [“Paper type settings from the printer driver” on page 20](#)

8 Select the appropriate Expansion setting during borderless printing to control the amount of the image that extends beyond the edges of the paper.

Printing

- 9** Click **Print** to start printing.

Canceling Printing

If you need to cancel printing, follow the instructions in the appropriate section below.

Using the control panel

Press  to cancel a print job in progress.

For Windows

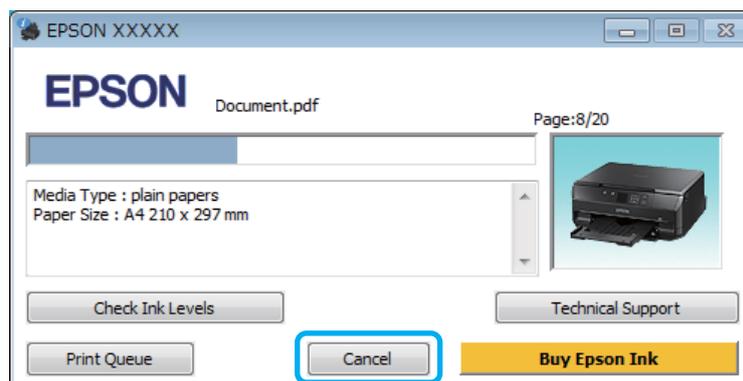
Note:

You cannot cancel a print job that has been completely sent to the product. In this case, cancel the print job by the product.

Using the progress meter

When you start printing, the progress meter appears on your computer screen.

Click the **Cancel** button to cancel printing.



Using EPSON Status Monitor 3

- 1** Access the EPSON Status Monitor 3.
➔ [“For Windows” on page 105](#)
- 2** Click the **Print Queue** button. The Windows Spooler appears.
- 3** Right click on the job you want to cancel and then select **Cancel**.

For Mac OS X

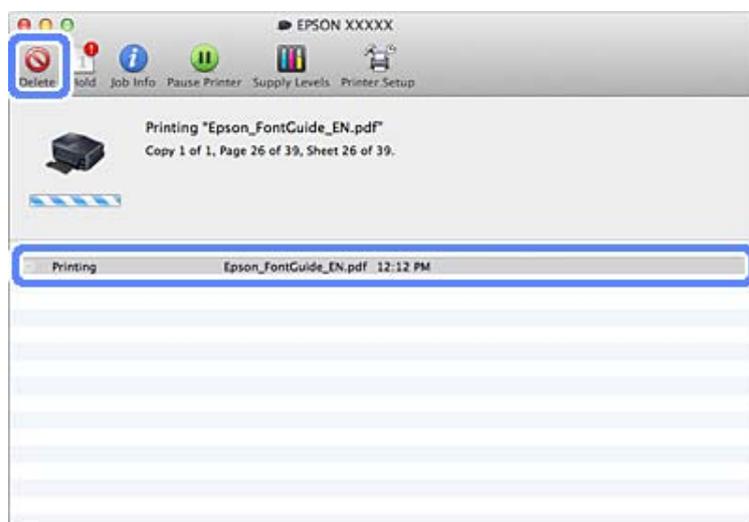
Follow the steps below to cancel a print job.

Printing

Note:

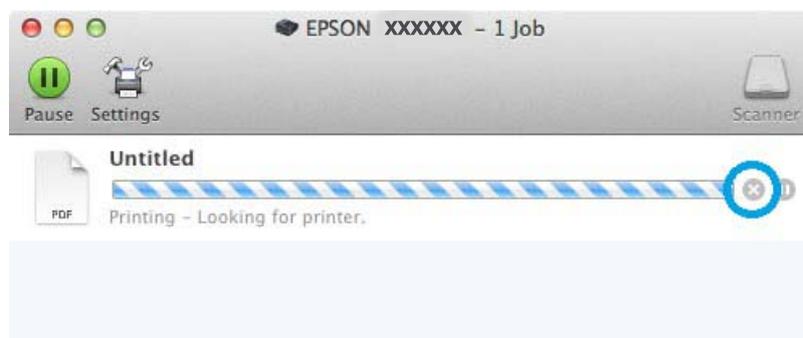
If you have sent a print job from a Mac OS X 10.6 or 10.5 through the network, you may not be able to cancel printing from the computer. Press  on the product's control panel to cancel a print job. To solve this problem, see the online Network Guide.

- 1 Click your product icon in the Dock.
- 2 In the Document Name list, select the document which is printing.
- 3 Click the **Delete** button to cancel the print job.



For Mac OS X 10.8:

Click the  button to cancel the print job.



Other Options

Printing photos the easy way



Epson Easy Photo Print lets you lay out and print digital images on various types of paper. The step-by-step instructions in the window let you preview the printed images and get the effects you want without having to make any difficult settings.

Using the Quick Print function, you can perform one-click printing with the settings you make.

Starting Epson Easy Photo Print

For Windows

- ❑ Double-click the **Epson Easy Photo Print** icon on the desktop.
- ❑ **For Windows 8:**
Right-click on the **Start** screen, or swipe from the bottom or top edge of the **Start** screen and select **All apps**, then select **Easy Photo Print** from **Epson Software**.

For Windows 7 and Vista:

Click the start button, point to **All Programs**, click **Epson Software**, and then click **Easy Photo Print**.

For Windows XP:

Click **Start**, point to **All Programs**, point to **Epson Software**, then click **Easy Photo Print**.

For Mac OS X

Double-click the **Applications** folder on your Mac OS X hard drive, then double-click in turn on the **Epson Software** and **Easy Photo Print** folders and finally double-click the **Easy Photo Print** icon.

Product presets (for Windows only)

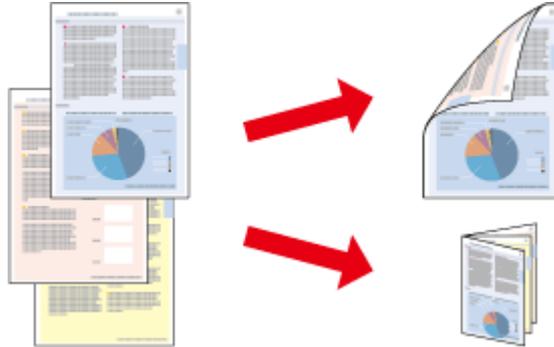
Printer driver presets make printing a snap. You can also create presets of your own.

Product settings for Windows

- 1** Access the printer settings.
➔ [“Accessing the printer driver for Windows” on page 32](#)
- 2** Select a Printing Presets in the Shortcuts tab. Product settings are automatically set to the values displayed in the pop-up window.

2-sided printing

Use the printer driver to print on both sides of the paper.



For Windows users:

Four types of 2-sided printing are available: automatic standard, automatic folded booklet, manual standard and manual folded booklet.

For Mac OS X users:

Mac OS X supports automatic standard 2-sided printing only.

2-sided printing is only available for the following papers and sizes.

Paper	Size
Plain paper	Legal*1, Letter, A4, B5, A5*1, A6*1
Epson Bright White Ink Jet Paper	A4
Epson Double-Sided Matte Paper	A4*1

*1 Manual 2-sided printing only.

Note:

- This feature may not be available at some settings.
- Manual 2-sided printing may not be available when the product is accessed over a network or is used as a shared printer.
- If the ink runs low during automatic 2-sided printing, the product stops printing and the ink needs to be replaced. When ink replacement is complete, the product starts printing again, but there may be some missing parts in your print. If this happens, print again the page that has missing parts.
- The loading capacity differs during 2-sided printing.
➔ [“Selecting Paper” on page 17](#)
- Only use papers that are suitable for 2-sided printing. Otherwise, the printout quality may deteriorate.
- Depending on the paper and the amount of ink used to print text and images, ink may bleed through to the other side of the paper.
- The surface of the paper may be smeared during 2-sided printing.

Printing

Note for Windows:

- Manual 2-sided printing is available only when EPSON Status Monitor 3 is enabled. To enable the status monitor, access the printer driver and click the **Maintenance** tab followed by the **Extended Settings** button. In the Extended Settings window, check the **Enable EPSON Status Monitor 3** check box.
- When automatic 2-sided printing is performed, printing may be slow depending on the combination of options selected for **Select Document Type** in the Print Density Adjustment window and for **Paper & Quality Options** in the Advanced window.

Note for Mac OS X:

When automatic 2-sided printing is performed, printing may be slow depending on the combination of options selected for **Document Type** in the Two-sided Printing Settings and for **Print Quality** in the Print Settings.

Product settings for Windows

- 1** Access the printer settings.
➔ [“Accessing the printer driver for Windows” on page 32](#)
- 2** Choose the desired 2-sided printing option in the Page Layout tab. To print folded booklets, select **Folded Booklet**.

Note:

When using automatic printing, make sure **Auto** is selected.

- 3** Click **Settings**, and make the appropriate settings.
- 4** Check the other settings and print.

Note:

- When printing automatically, and if you are printing high-density data such as photos or graphs, we recommend making the settings in the Print Density Adjustment window.
- The actual binding margin may be different from the specified settings depending on your application. Experiment with a few sheets to examine actual results before printing the entire job.
- Manual 2-sided printing allows you to print the even-numbered pages first. When you print odd-numbered pages, a blank sheet of paper is output at the end of the print job.
- When you are printing manually, make sure that the ink is completely dry before reloading the paper.

Product settings for Mac OS X

- 1** Access the Print dialog box.
➔ [“Accessing the printer driver for Mac OS X” on page 33](#)
- 2** Make the appropriate settings in the Two-sided Printing Settings pane.

Printing

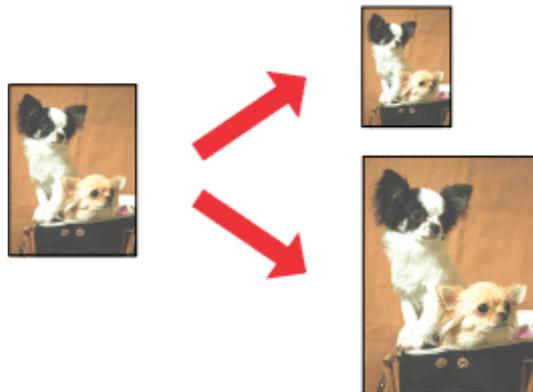
- 3 Check the other settings and print.

Note:

If you are printing high-density data such as photos or graphs, we recommend adjusting Print Density and Increased Ink Drying Time settings manually.

Fit to page printing

Lets you automatically enlarge or reduce the size of your document to fit the paper size selected in the printer driver.



Note:

This feature may not be available at some settings.

Product settings for Windows

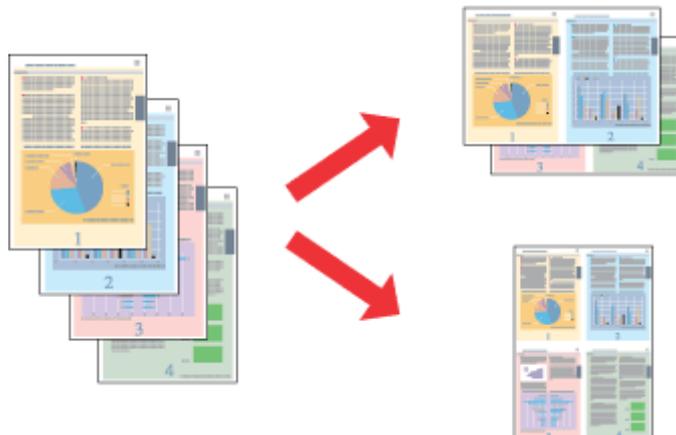
- 1 Access the printer settings.
➔ [“Accessing the printer driver for Windows” on page 32](#)
- 2 Select **Reduce/Enlarge Document** and **By Output Paper Size** in the Page Layout tab, and then select the size of the paper you are using from the drop-down list.
- 3 Check the other settings and print.

Product settings for Mac OS X

- 1 Access the Print dialog box.
➔ [“Accessing the printer driver for Mac OS X” on page 33](#)
- 2 Choose **Scale to fit paper size** for Destination Paper Size in the Paper Handling pane, and then select the size of the paper you are using from the pop-up menu.
- 3 Check the other settings and print.

Pages per sheet printing

Lets you use the printer driver to print two or four pages on a single sheet of paper.

**Note:**

This feature may not be available at some settings.

Product settings for Windows

- 1 Access the printer settings.
➔ [“Accessing the printer driver for Windows” on page 32](#)
- 2 Select **Multi-Page** and then select the **Pages per Sheet** in the Page Layout tab.
- 3 Choose the desired number of pages and page order.
- 4 Check the other settings and print.

Product settings for Mac OS X

- 1 Access the Print dialog box.
➔ [“Accessing the printer driver for Mac OS X” on page 33](#)
- 2 Select the desired number of Pages per Sheet and the Layout Direction (page order) in the Layout pane.
- 3 Check the other settings and print.

Sharing the Product for Printing

Setup for Windows

These instructions tell you how to set up your product so other users on the network can share it.

First you will set up the product as a shared printer on the computer directly connected to it. Then you will add the product to each network computer that will access it.

Note:

- These instructions are for small networks only. To share the product on a large network, consult your network administrator.*
- The screen shots in the following section are from Windows 7.*

Setting up the product as a shared printer

Note:

- To set up the product as a shared printer in Windows 8, 7 or Vista, you will need an account with administrator privileges and the password if you log on as a standard user.*
- To set up the product as a shared printer in Windows XP, you must log on to a Computer Administrator account.*

Follow the steps below on the computer that is connected directly to the product:

1

Windows 8:

Select **Desktop**, **Settings** charm, and **Control Panel**. Then select **Devices and Printers** from the **Hardware and Sound** category.

Windows 7:

Click the start button, select **Devices and Printers**.

Windows Vista:

Click the start button, select **Control Panel**, and then select **Printer** from the **Hardware and Sound** category.

Windows XP:

Click **Start** and select **Control Panel**, and then select **Printers and Faxes**, from the **Printers and Other Hardware** category.

2

Windows 8 and 7:

Right-click on the product, or press and hold the product, and select **Printer properties**, and then select **Sharing**. Then select the **Change Sharing Options** button.

Windows Vista:

Right-click the icon for your product, and then click **Sharing**. Click the **Change sharing options** button and then click **Continue**.

Windows XP:

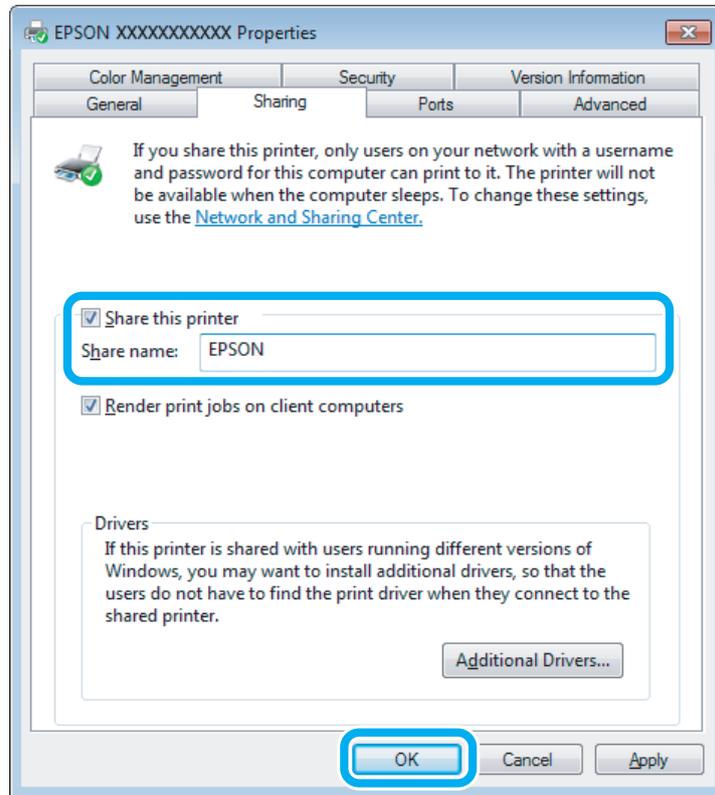
Right-click the icon for your product, then click **Sharing**.

Printing

- 3** Select **Share this printer**, then type a Share name.

Note:

Do not use spaces or hyphens in the share name.



If you want to automatically download printer drivers for computers that are running different versions of Windows, click **Additional Drivers** and select the environment and the operating systems of the other computers. Click **OK**, then insert the product software disk.

- 4** Click **OK** or **Close** (if you installed additional drivers).

Adding the product to the other network computers

Follow these steps to add the product to each network computer that will access it.

Note:

Your product must be set up as a shared printer on the computer to which it is connected before you can access it from another computer.

➔ [“Setting up the product as a shared printer” on page 45](#)

- 1 Windows 8:**
Select **Desktop**, **Settings** charm, and **Control Panel**. Then select **Devices and Printers** from the **Hardware and Sound** category.

Windows 7:

Click the start button, select **Devices and Printers**.

Printing

Windows Vista:

Click the start button, select **Control Panel**, and then select **Printer** from the **Hardware and Sound** category.

Windows XP:

Click **Start** and select **Control Panel**, and then select **Printers and Faxes**, from the **Printers and Other Hardware** category.

- 2** **Windows 8, 7 and Vista:**
Select the **Add a printer** button.

Windows XP:

Click the **Add a printer** button. The Add Printer Wizard appears. Click the **Next** button.

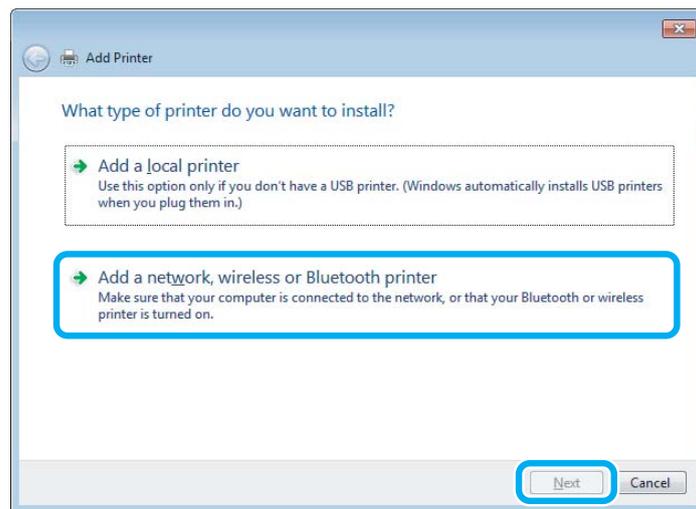
- 3** **Windows 8:**
Go to Step 4.

Windows 7 and Vista:

Click **Add a network, wireless or Bluetooth printer**, and then click **Next**.

Windows XP:

Select **A network printer, or a printer attached to another computer**, then click **Next**.



- 4** Follow the on-screen instructions to select the product you want to use.

Note:

Depending on the operating system and the configuration of the computer to which the product is connected, the Add Printer Wizard may prompt you to install the printer driver from the product software disk. Click the **Have Disk** button and follow the on-screen instructions.

Setup for Mac OS X

To set up your product on a Mac OS X network, use the Printer Sharing setting. See your Macintosh documentation for details.

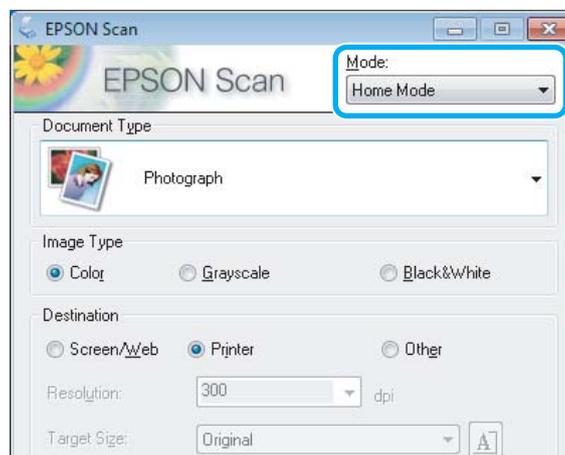
Scanning

Let's Try Scanning

Starting a Scan

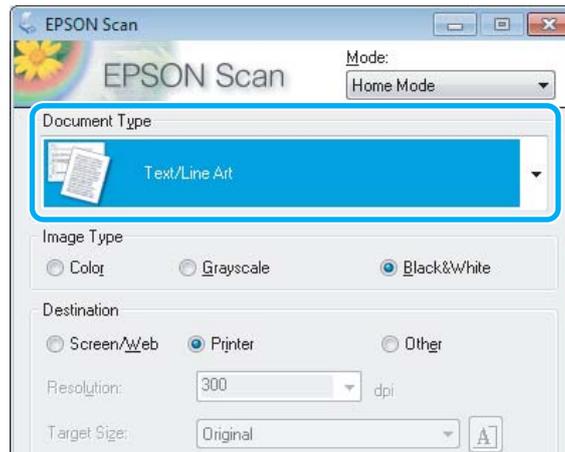
Let's scan a document to get used to the process.

- 1 Place your original on the scanner glass.
➔ [“Placing Originals” on page 25](#)
- 2 Start Epson Scan.
 - Windows 8:
Select the **EPSON Scan** icon on the desktop, or select **EPSON Scan** from the **Start** screen.
 - Windows 7, Vista and XP:
Double-click the **Epson Scan** icon on the desktop.
 - Mac OS X:
Select **Applications > Epson Software > EPSON Scan**.
- 3 Select **Home Mode**.

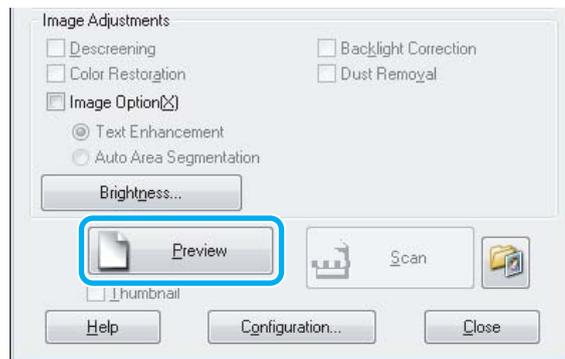


Scanning

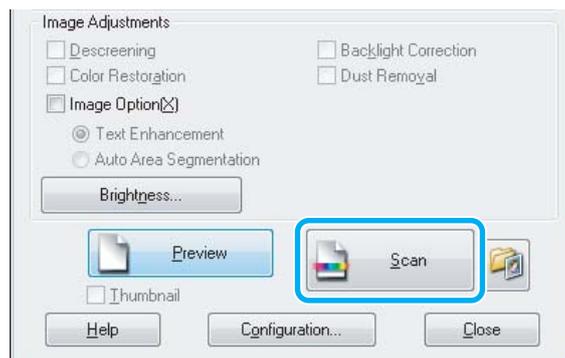
- 4 Select **Text/Line Art** as the **Document Type** setting.



- 5 Click **Preview**.

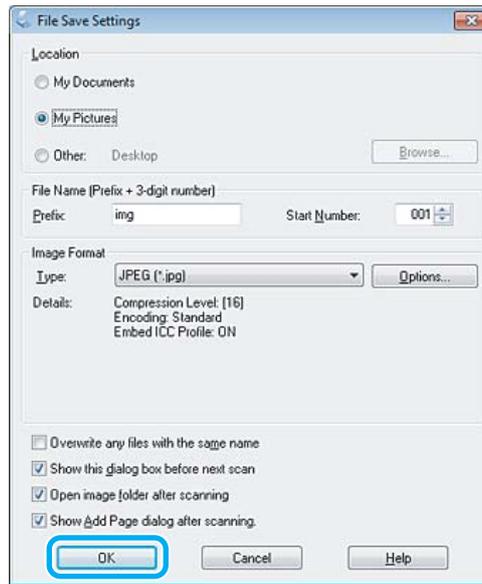


- 6 Click **Scan**.



Scanning

7 Click **OK**.

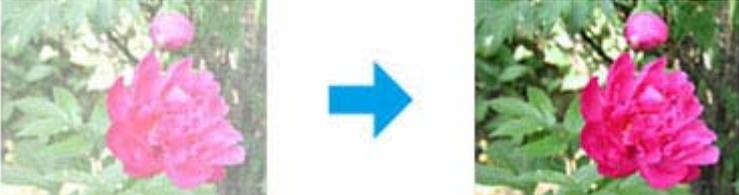


Your scanned image is saved.

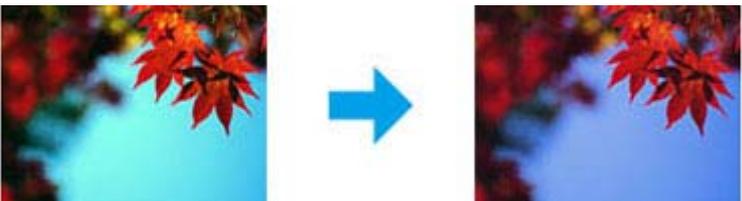
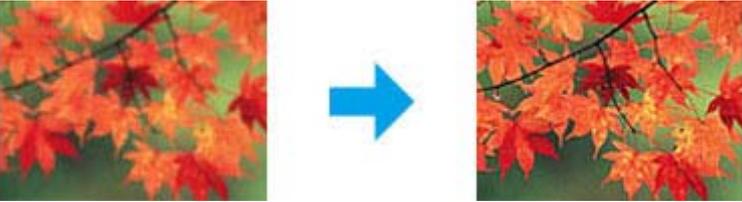
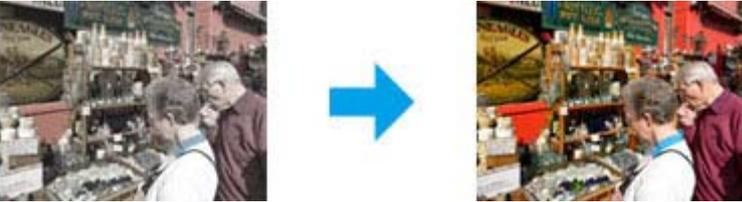
Image Adjustment Features

Epson Scan offers a variety of settings for improving color, sharpness, contrast, and other aspects affecting image quality.

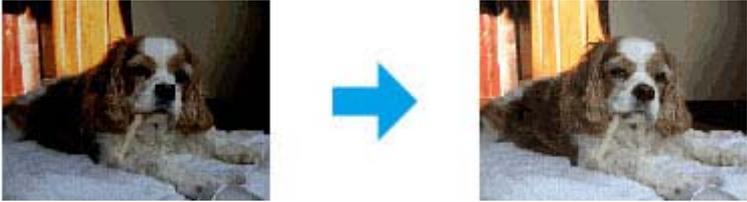
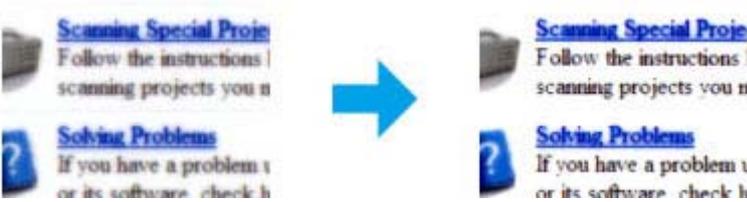
See the Help for more details on Epson Scan.

<p>Histogram</p>	<p>Provides a graphical interface for adjusting highlight, shadow, and gamma levels individually.</p> 
<p>Tone Correction</p>	<p>Provides a graphical interface for adjusting tone levels individually.</p> 

Scanning

<p>Image Adjustment</p>	<p>Adjusts brightness and contrast and the balance of red, green, and blue colors in the overall image.</p> 
<p>Color Palette</p>	<p>Provides a graphical interface for adjusting mid-tone levels, such as skin tones, without affecting the highlight and shadow areas of the image.</p> 
<p>Unsharp Mask</p>	<p>Sharpens the edges of image areas for an overall clearer image.</p> 
<p>Descreening</p>	<p>Removes rippled patterns (known as moiré) that can appear in subtly shaded image areas such as skin tones.</p> 
<p>Color Restoration</p>	<p>Restores the colors in faded photos automatically.</p> 

Scanning

<p>Backlight Correction</p>	<p>Removes shadows from photos that have too much background light.</p> 
<p>Dust Removal</p>	<p>Removes dust marks from your originals automatically.</p> 
<p>Text Enhancement</p>	<p>Enhances text recognition when scanning text documents.</p> 
<p>Auto Area Segmentation</p>	<p>Makes Black&White images clearer and text recognition more accurate by separating the text from the graphics.</p> 
<p>Color Enhance</p>	<p>Enhance a certain color. You can select from red, blue, or green.</p> 

Basic Scanning from the Control Panel

You can scan documents and send the scanned image from the product to a connected computer. Make sure you have installed software for the product on your computer and connected to the computer.

Scanning

- 1 Place your original(s).
➔ [“Placing Originals” on page 25](#)
- 2 Enter **Scan** mode from the Home menu.
- 3 Select a scan menu item.
➔ [“Scan Mode” on page 73](#)
- 4 Select your computer.

Note:

- If the product is connected to a network, you can select the computer to which you want to save the scanned image.
- You can change the computer name displayed on the control panel using Epson Event Manager.

- 5 Press \diamond to start scanning.

Your scanned image is saved.

Scan mode menu list

Refer to the section below for the Scan mode menu list.

- ➔ [“Scan Mode” on page 73](#)

Basic Scanning from Your Computer

Scanning in Full Auto Mode

Full Auto Mode lets you scan quickly and easily, without selecting any settings or previewing your image. This mode is useful when you need to scan your originals at 100% size.

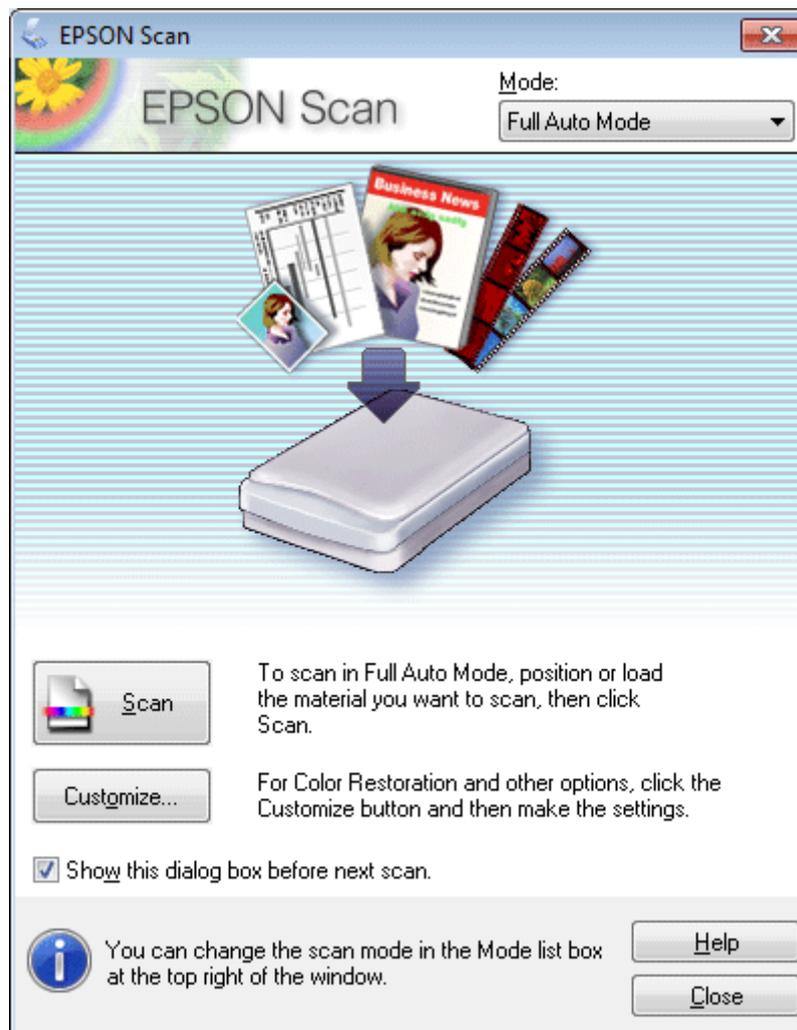
Note:

See the *Help* for more details on Epson Scan.

- 1 Place your original(s).
- 2 Start Epson Scan.
➔ [“Starting Epson Scan Driver” on page 69](#)

Scanning

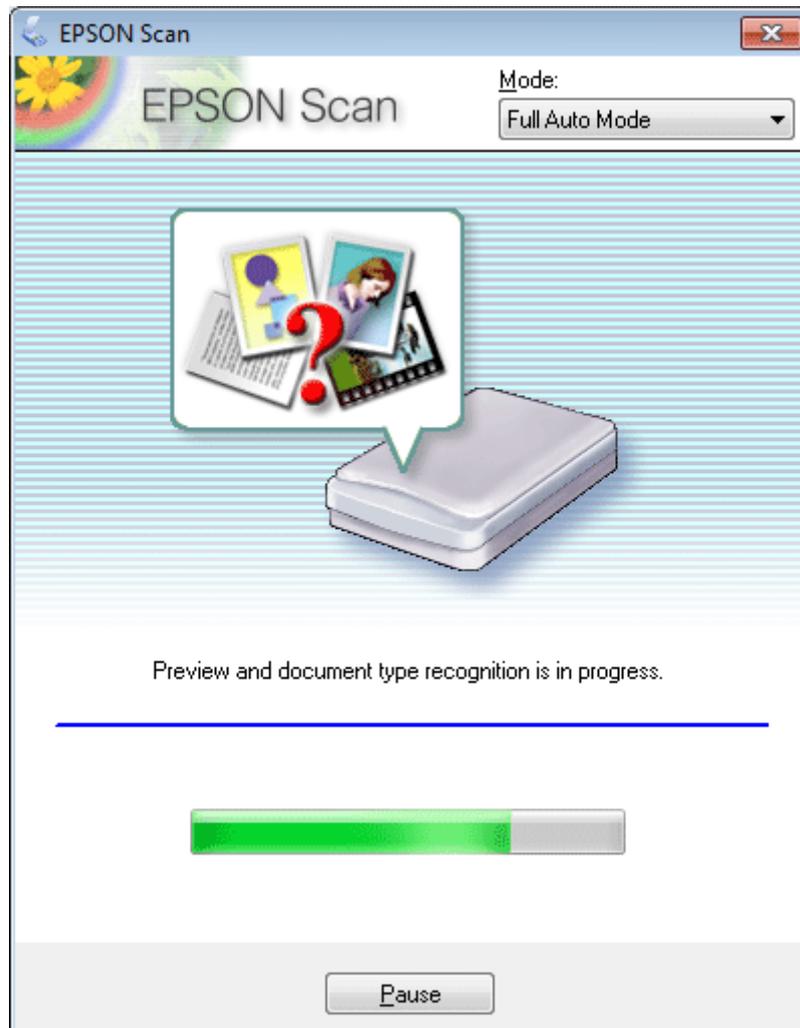
- 3 Select **Full Auto Mode** from the Mode list.

**Note:**

If the **Show this dialog box before next scan** check box is cleared, Epson Scan starts scanning immediately without displaying this screen. To return to this screen, click **Cancel** in the Scanning dialog box during scanning.

Scanning

- 4 Click **Scan**. Epson Scan starts scanning in Full Auto Mode.



Epson Scan previews each image, detects what type of original it is, and selects the scan settings automatically.

Your scanned image is saved.

Scanning in Home Mode

Home Mode lets you customize some scanning settings and check the changes you have made in a preview image. This mode is useful for basic scanning of photos and graphics.

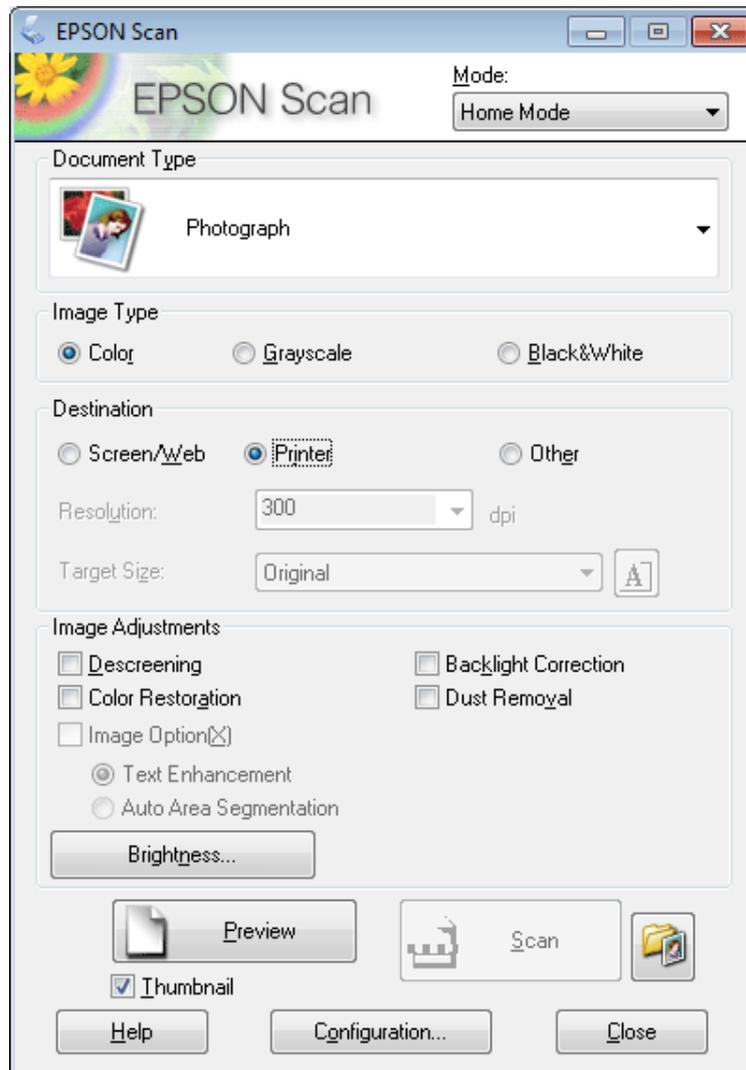
Note:

See the *Help* for more details on Epson Scan.

- 1 Place your original(s).
➔ [“Placing Originals” on page 25](#)
- 2 Start Epson Scan.
➔ [“Starting Epson Scan Driver” on page 69](#)

Scanning

- 3 Select **Home Mode** from the Mode list.



- 4 Select the Document Type setting.
- 5 Select the Image Type setting.
- 6 Click **Preview**.
 ➔ [“Previewing and Adjusting the Scan Area”](#) on page 61
- 7 Adjust the exposure, brightness, and other image quality settings.
- 8 Click **Scan**.

Scanning

- 9 In the File Save Settings window, select the Type setting and then click **OK**.

Note:

If the **Show this dialog box before next scan** check box is cleared, Epson Scan starts scanning immediately without displaying the File Save Settings window.

Your scanned image is saved.

Scanning in Office Mode

Office Mode lets you quickly scan text documents without previewing your image.

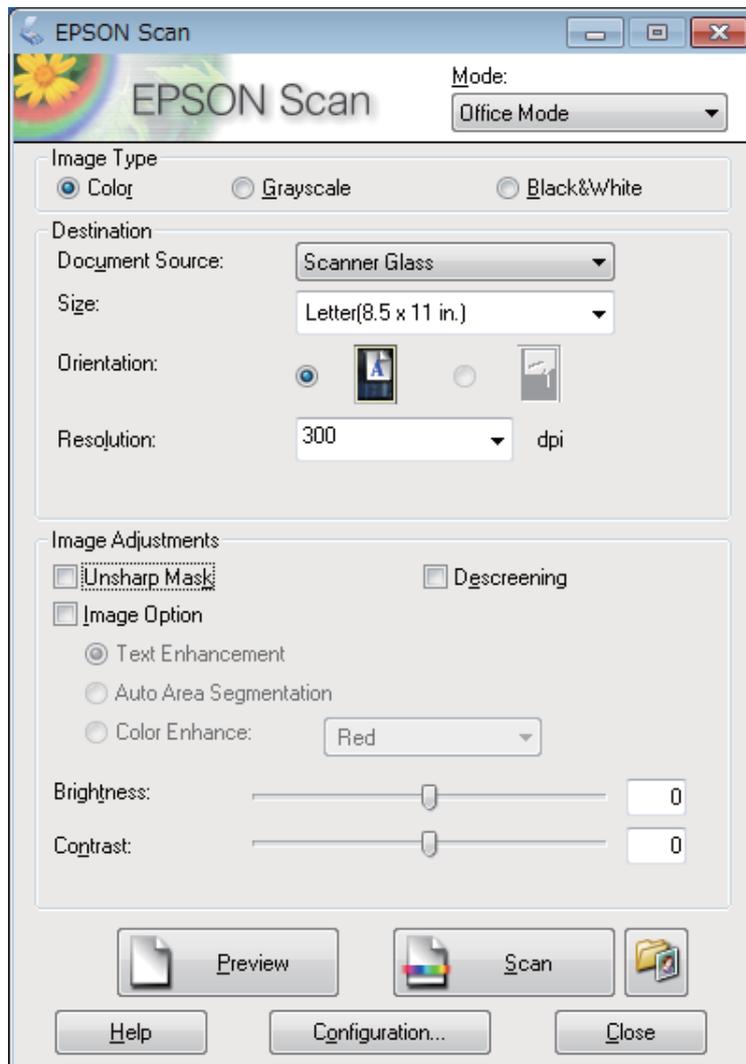
Note:

See the *Help* for more details on Epson Scan.

- 1 Place your original(s).
➔ [“Placing Originals” on page 25](#)
- 2 Start Epson Scan.
➔ [“Starting Epson Scan Driver” on page 69](#)

Scanning

- 3 Select **Office Mode** from the Mode list.



- 4 Select the Image Type setting.
- 5 Select the Document Source setting.
- 6 Select the size of your original as the Size setting.
- 7 Select an appropriate resolution for your original(s) as the Resolution setting.
- 8 Click **Scan**.

Scanning

- 9 In the File Save Settings window, select the Type setting and then click **OK**.

Note:

If the **Show this dialog box before next scan** check box is cleared, Epson Scan starts scanning immediately without displaying the File Save Settings window.

Your scanned image is saved.

Scanning in Professional Mode

Professional Mode gives you total control of your scanning settings and lets you check the changes you have made in a preview image. This mode is recommended for advanced users.

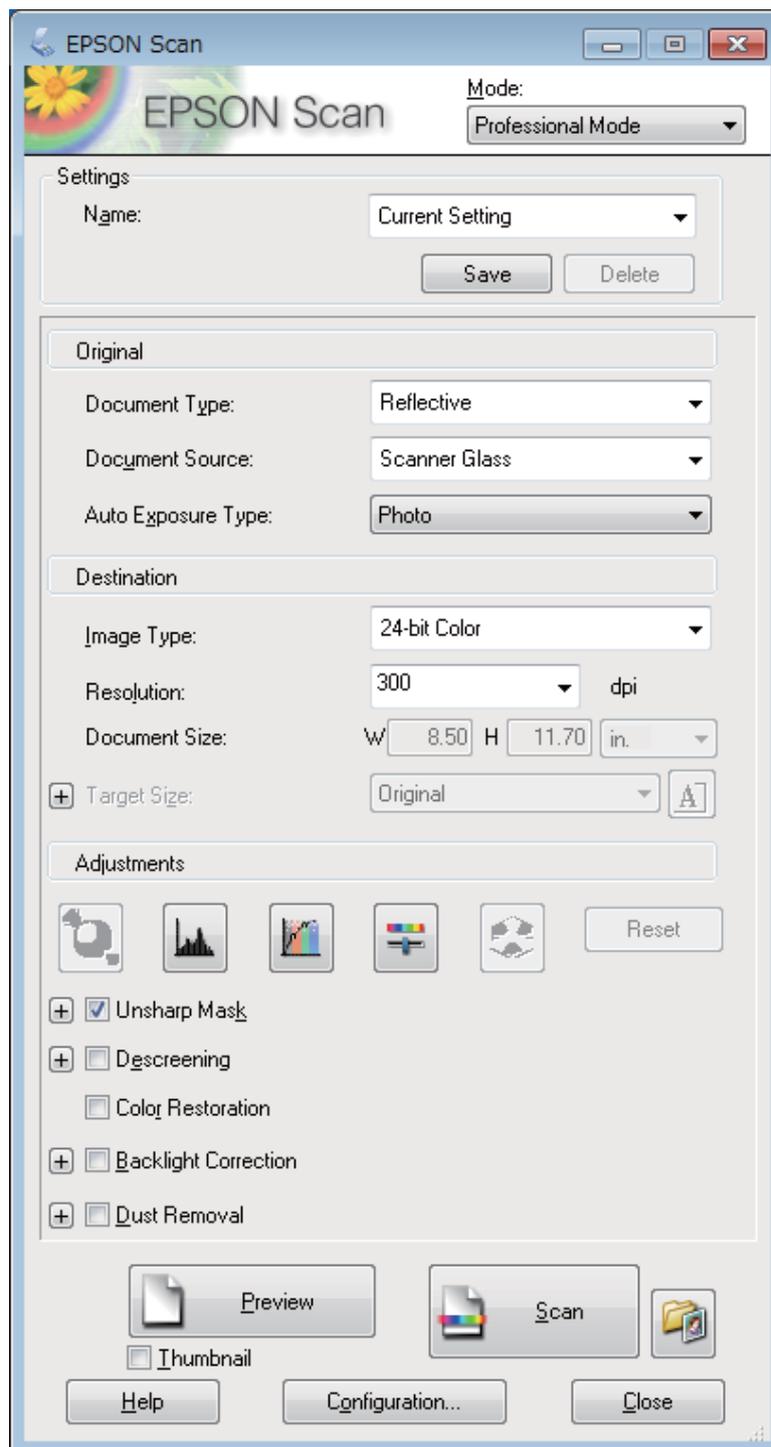
Note:

See the *Help* for more details on Epson Scan.

- 1 Place your original(s).
➔ [“Placing Originals” on page 25](#)
- 2 Start Epson Scan.
➔ [“Starting Epson Scan Driver” on page 69](#)

Scanning

- 3 Select **Professional Mode** from the Mode list.



- 4 Select the type of original(s) you are scanning as the Document Type setting.

- 5 Select the Document Source setting.

- 6 Select **Photo** or **Document** as the Auto Exposure Type setting.

Scanning

- 7 Select the Image Type setting.
- 8 Select an appropriate resolution for your original(s) as the Resolution setting.
- 9 Click **Preview** to preview your image(s). The Preview window opens and displays your image(s).
➔ “[Previewing and Adjusting the Scan Area](#)” on page 61
- 10 Select the size of the scanned image(s) as the Target Size setting if necessary. You can scan your images at their original size, or you can reduce or enlarge their size by selecting Target Size.
- 11 Adjust the image quality if necessary.
➔ “[Image Adjustment Features](#)” on page 50
- 12 Click **Scan**.
- 13 In the File Save Settings window, select the Type setting and then click **OK**.

Note:

If the **Show this dialog box before next scan** check box is cleared, Epson Scan starts scanning immediately without displaying the File Save Settings window.

Your scanned image is saved.

Previewing and Adjusting the Scan Area

Selecting a preview mode

Once you have selected your basic settings and resolution, you can preview your image and select or adjust the image area in a Preview window. There are two types of preview.

- Normal preview displays your previewed image(s) in their entirety. You can select the scan area and make any image quality adjustments manually.
- Thumbnail preview displays your previewed image(s) as thumbnail(s). Epson Scan automatically locates the edges of your scan area, applies automatic exposure settings to the image(s), and rotates the image(s) if necessary.

Note:

- Some of the settings that you change after previewing an image are reset if you change the preview mode.
- Depending on your document type and the Epson Scan mode you are using, you may not be able to change the preview type.
- If you preview image(s) without the Preview dialog displayed, image(s) are displayed in the default preview mode. If you preview with the Preview dialog displayed, image(s) are displayed in the preview mode that was displayed just before previewing.
- To resize the Preview window, click and drag the corner of the Preview window.
- See the Help for more details on Epson Scan.

Scanning

Creating a marquee

A marquee is a moving dotted line that appears on the edges of your preview image to indicate the scan area.

Do one of the following to draw a marquee.

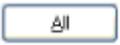
- ❑ To draw the marquee manually, position the pointer in the area where you want to place the corner of your marquee and click. Drag the cross-hairs over the image to the opposite corner of the desired scan area.



- ❑ To draw the marquee automatically, click the  auto locate icon. You can only use this icon when you are viewing a normal preview and you only have one document on the scanner glass.
- ❑ To draw the marquee at a specified size, type in a new width and height in the Document Size setting.
- ❑ For best results and image exposure, make sure all sides of the marquee are located inside the preview image. Do not include any areas around the preview image in the marquee.

Adjusting a marquee

You can move the marquee and adjust its size. If you are viewing a normal preview, you can create multiple marquees (up to 50) on each image to scan different image areas as separate scan files.

	To move the marquee, position your cursor inside the marquee. The pointer becomes a hand. Click and drag the marquee to the desired location.
	To resize the marquee, position your cursor over the edge or corner of the marquee. The pointer becomes a straight or angled double-arrow. Click and drag the edge or corner to the desired size.
	To create additional marquees of the same size, click this icon.
	To delete a marquee, click inside the marquee and click this icon.
	To activate all marquees, click this icon.

Scanning

Note:

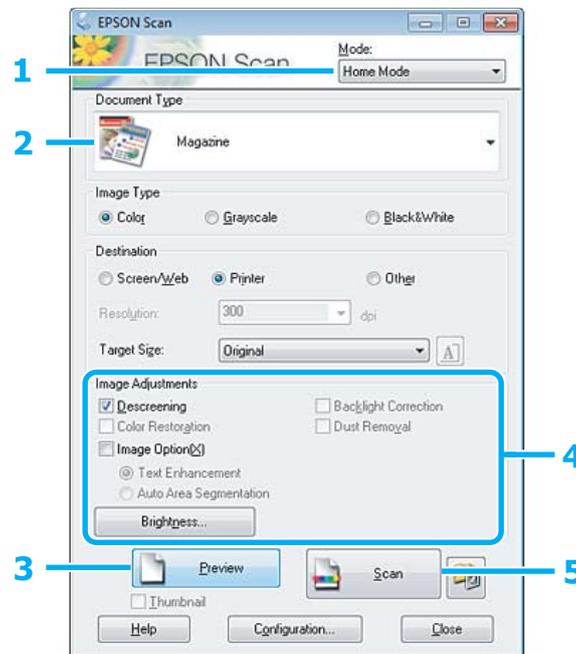
- ❑ To restrict the movement of the marquee to vertical or horizontal only, hold down the **Shift** key as you move the marquee.
- ❑ To restrict the size of the marquee to the current proportions, hold down the **Shift** key as you resize the marquee.
- ❑ If you draw multiple marquees, make sure you click **All** in the Preview window before you scan. Otherwise, only the area inside the last marquee you drew will be scanned.

Various Types of Scanning

Scanning a Magazine

First of all, place your magazine and start Epson Scan.

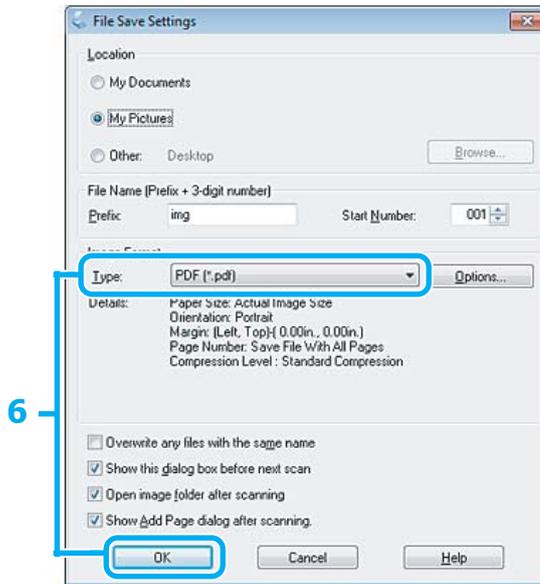
➔ [“Starting a Scan” on page 48](#)



- 1** Select **Home Mode** from the Mode list.
- 2** Select **Magazine** as the Document Type setting.
- 3** Click **Preview**.
- 4** Adjust the exposure, brightness, and other image quality settings.
See the Help for more details on Epson Scan.

Scanning

5 Click **Scan**.



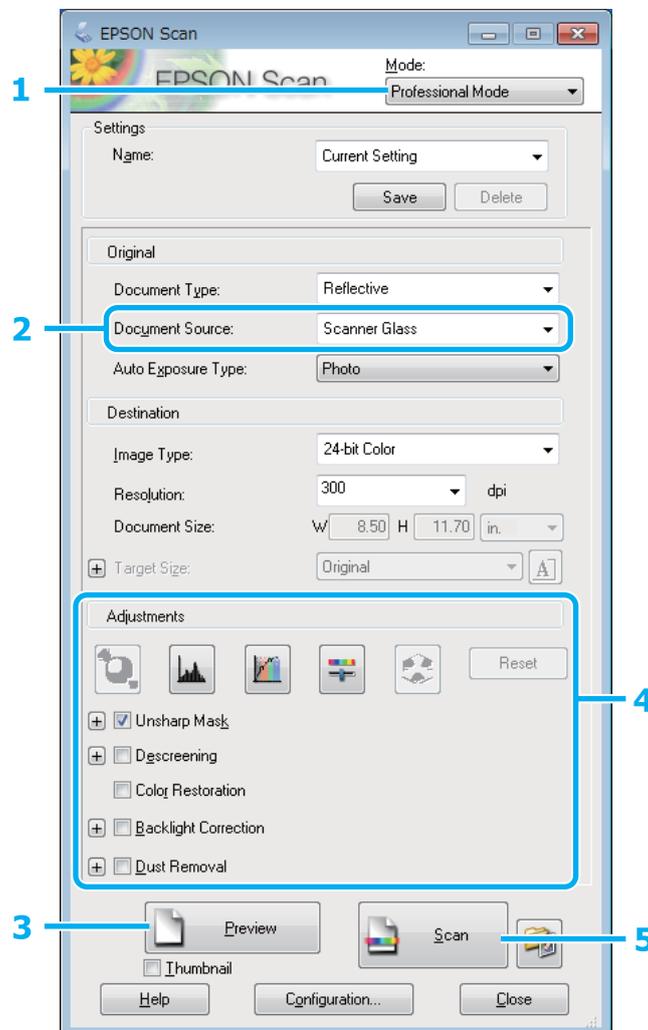
6 Select **PDF** as the Type setting, and then click **OK**.

Your scanned image is saved.

Scanning Multiple Documents to a PDF File

First of all, place your document and start Epson Scan.

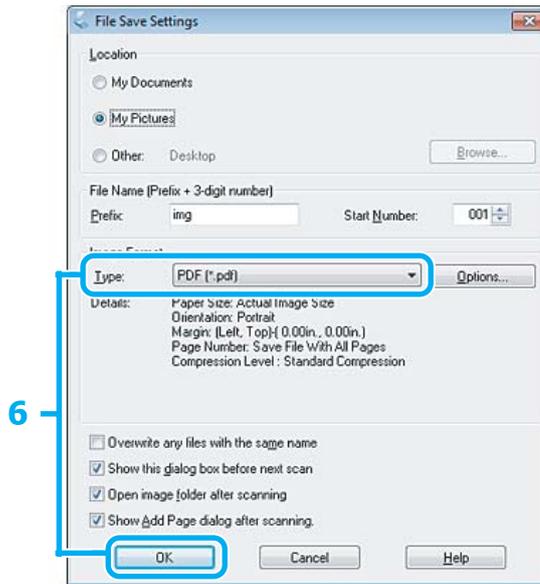
➔ “Starting a Scan” on page 48



- 1 Select **Professional Mode** from the Mode list.
- 2 Select the Document Source setting.
- 3 Click **Preview**.
- 4 Adjust the exposure, brightness, and other image quality settings.
See the Help for more details on Epson Scan.

Scanning

5 Click **Scan**.

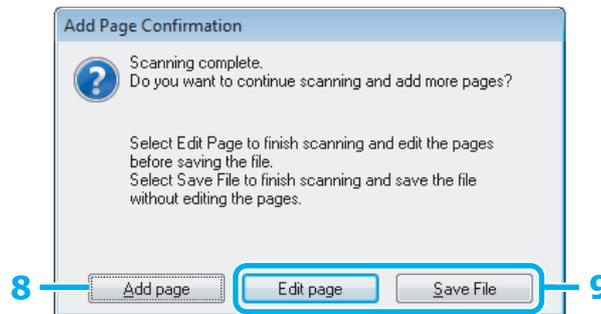


6 Select **PDF** as the Type setting, and then click **OK**.

Note:

*If the **Show Add Page dialog after scanning** check box is cleared, Epson Scan automatically saves your document without displaying the Add Page Confirmation window.*

7 Epson Scan starts scanning your document.

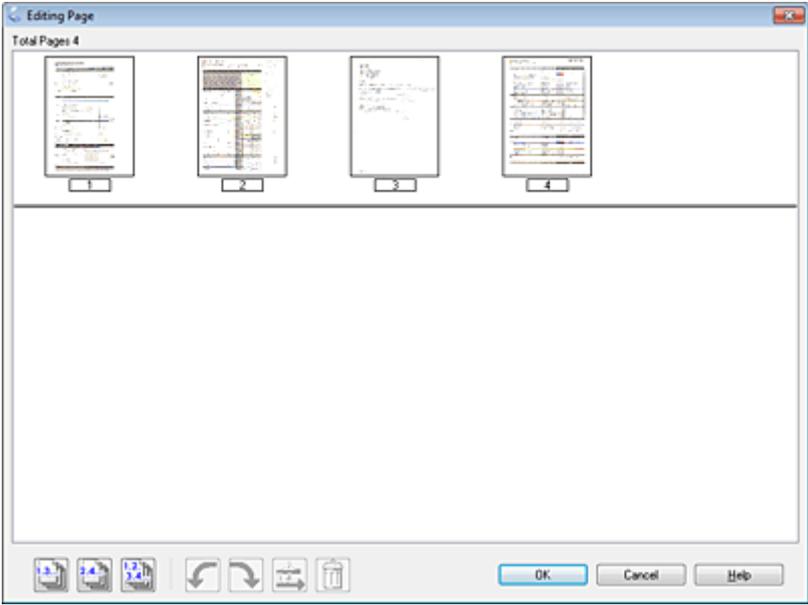


8 If you want to scan more pages, click **Add page**.
Load the document and scan again, repeating as necessary for each page.

If you have finished scanning, go to step 9.

Scanning

9 Click **Edit page** or **Save File**.

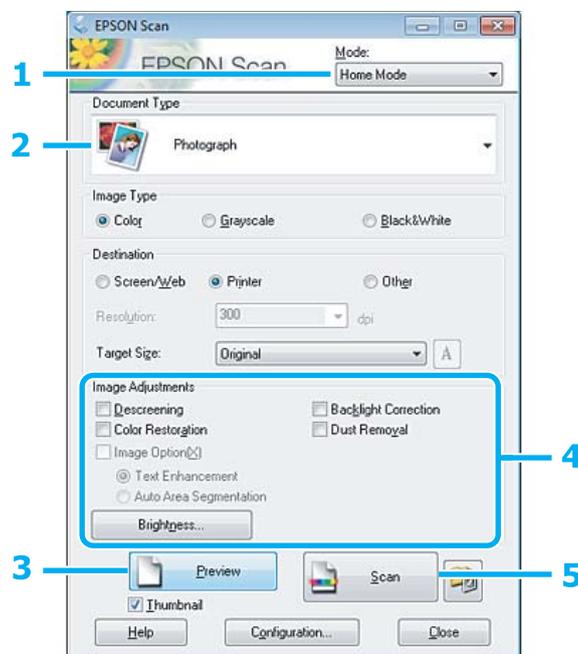
<p>Edit page</p>	<p>Select this button if you want to delete or reorder any of the pages. Then use the icons on the bottom of the Editing Page window to select, rotate, reorder, and delete pages. See the Help for more details on Epson Scan.</p>  <p>Click OK when you are finished editing your pages.</p>
<p>Save File</p>	<p>Select this button when you are finished.</p>

The pages are saved in one PDF file.

Scanning a Photo

First of all, place your photo on the scanner glass and start Epson Scan.

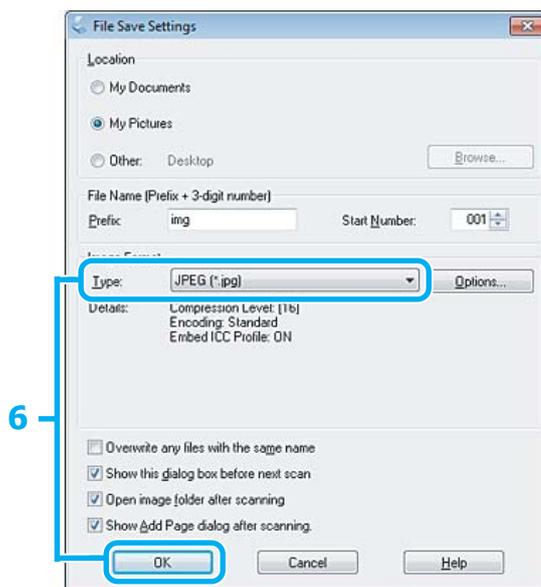
➔ “Starting a Scan” on page 48



- 1 Select **Home Mode** from the Mode list.
- 2 Select **Photograph** as the Document Type setting.
- 3 Click **Preview**.
- 4 Adjust the exposure, brightness, and other image quality settings.
See the Help for more details on Epson Scan.

Scanning

5 Click **Scan**.



6 Select **JPEG** as the Type setting, and then click **OK**.

Your scanned image is saved.

Software Information

Starting Epson Scan Driver

This software lets you control all aspects of scanning. You can use this as a standalone scanning program or use it with another TWAIN-compliant scanning program.

How to start

- ❑ Windows 8:
Select the **Epson Scan** icon on the desktop.
Or, select **Epson Scan** from the **Start** screen.
- ❑ Windows 7, Vista and XP:
Double-click the **EPSON Scan** icon on the desktop.
Or, select the start button icon or **Start > All Programs** or **Programs > EPSON > EPSON Scan > EPSON Scan**.
- ❑ Mac OS X:
Select **Applications > Epson Software > EPSON Scan**.

How to access the help

Click the **Help** button on the Epson Scan driver.

Starting Epson Event Manager

This lets you assign any of the product buttons to open a scanning program. You can also save frequently used scanning settings, which can really speed up your scanning projects.

How to start

- ❑ Windows 8:
Right-click on the **Start** screen, or swipe from the bottom or top edge on the **Start** screen, and select **All apps > Epson Software > Event Manager**.
- ❑ Windows 7, Vista and XP:
Select the start button or **Start > All Programs** or **Programs > Epson Software > Event Manager**.
- ❑ Mac OS X:
Select **Applications > Epson Software**, and then double-click the **Launch Event Manager** icon.

How to access the help

- ❑ Windows:
Click the  icon in the upper right corner of the screen.
- ❑ Mac OS X:
Click **menu > Help > Epson Event Manager Help**.

Personal Stationery

Personal Stationery provides you with special menus that make printing easy and fun! For more details, select Personal Stationery, select each menu, and then follow the instructions on the LCD screen.

Menu		Functions
Lined Papers		You can print lined paper, graph paper, and music paper. Follow the on-screen instructions to print.
Calendar		You can print monthly or weekly calendars. For monthly calendars, you can specify the year and month. Follow the on-screen instructions to print.

Personal Stationery mode menu list

Refer to the section below for the Personal Stationery mode menu list.

➔ [“Personal Stationery Mode” on page 73](#)

Menu List of Control Panel

Menu List of Control Panel

You can use this product as a printer, copier, and scanner. When using one of these functions, except the printer function, select your desired function by pressing the corresponding Mode button on the control panel. Each mode's main screen appears as you select the mode.

Note:

Depending on the other settings selected in the mode, not all options or settings may be available.

Copy Mode

Menu	Setting and Options	
Color, B&W		
Settings	Density	-4 to +4
	2-Sided Copying	1>1-Sided, 1>2-Sided
	Layout	With Border, Borderless* ¹ , A4, 2-up Copy, A4, Book/2-up, Book/2-Sided
	Reduce/Enlarge	Custom Size, Actual Size, Auto Fit, 10x15cm->A4, A4->10x15cm, 13x18->10x15, 10x15->13x18, A5->A4, A4->A5
	Custom Size	25% to 400%
	Paper Size	A4, A5, 10x15cm(4x6 in), 13x18cm(5x7 in)
	Paper Type	Plain Paper, Matte, Prem. Glossy, Ultra Glossy, Glossy, Photo Paper
	Document Type	Text, Text & Image, Photo
	Quality	Draft* ² , Standard, Best
	Doc. Orientation	Portrait, Landscape
	Binding Margin	Left, Top
	Expansion	Standard, Medium, Minimum
Dry Time	Standard, Long, Longer	
Copy/Restore Photos	Color Restriction	Off, On
	Settings	Paper Size, Paper Type, Borderless, Expansion, Enhance, Filter
	Crop/Zoom	

*1 Your image is slightly enlarged and cropped to fill the sheet of paper. Print quality may decline in the top and bottom areas of the printout, or the area may be smeared when printing.

*2 For users in Belgium, draft mode is not available.

Menu List of Control Panel

Scan Mode

Menu	Setting item and Description
To PC (JPEG)	➔ "Basic Scanning from the Control Panel" on page 52
To PC (PDF)	
To PC (Email)	
To PC (WSD)*	

* This feature is only available for English versions of Windows 8, 7 or Vista.

Personal Stationery Mode

Menu	Setting and Options
Lined Papers	Wide Rule, Thin Rule, Graph Paper, Music Paper
Calendar	Weekly, Monthly

Setup Mode

Menu	Setting Item and Description	
Ink Levels	-	Checks the status of ink cartridges.
Maintenance	Nozzle Check	Prints a nozzle check pattern to check the condition of the print head.
	Head Cleaning	Cleans the print head to improve the condition of the print head.
	Head Alignment	Adjusts the alignment of the print head.
	Ink Cartridge(s) Replacement	Replaces ink cartridges.
Printer Setup	Stickers	Adjusts the print position.
	Quiet Mode	Off, On
	Power Off Timer	➔ "Using the control panel" on page 95
	Sleep Timer	
	Language	-

Menu List of Control Panel

Menu	Setting Item and Description	
Wi-Fi Settings	Wi-Fi Setup	See the online Network Guide. You can access the Wi-Fi Setup menus directly by selecting Wi-Fi Setup on the LCD screen.
	Wi-Fi Connection Check	You can check the network connection status, and print the report. If there is any problem with the connection, the report helps you find the solution.
	Print Status Sheet	You can print a network status sheet. The status sheet shows the printer name, current network settings, and so on.
External Device Setup	Settings	Paper Size, Paper Type, Layout, Quality, Expansion, Date, Fit Frame, Bidirectional
	Photo Adjustments	Enhance, Scene Detection, Fix Red-Eye*, Filter, Brightness, Contrast, Sharpness, Saturation
Restore Default Settings	Wi-Fi Settings	Initializes Wi-Fi settings to the factory default settings.
	All Except Wi-Fi	Initializes all settings except for Wi-Fi settings to the factory default settings.
	All Settings	Initializes all settings to the factory default settings.

* This setting does not change your original image. It only affects your printout. Depending on the type of photo, parts of the image other than the eyes may be corrected.

Quiet Mode

Menu	Settings
Quiet Mode	Off
	On

Wi-Fi Setup Mode

Menu	Description
Wi-Fi Setup Wizard	For details on the setting items, see the online Network Guide.
Push Button (WPS)	
PIN Code (WPS)	
Wi-Fi Direct Setup	
Wi-Fi Auto Connect	
Print Status Sheet	You can print a network status sheet. The status sheet shows the printer name, current network settings, and so on.

Menu List of Control Panel

Menu	Description
Disable Wi-Fi	Network problems may be resolved by disabling or initializing the Wi-Fi settings, and then making the settings again. For details, see the online Network Guide.

Ink Cartridge Information

Ink Cartridge Information

You can use the following ink cartridges with this product:

XP-510	Polar Bear 	Black	Photo Black	Cyan	Magenta	Yellow
		26 26XL	26 26XL	26 26XL	26 26XL	26 26XL

For Australia/New Zealand

XP-510	Black	Photo Black	Cyan	Magenta	Yellow
	273 273XL	273 273XL	273 273XL	273 273XL	273 273XL

* For information on Epson's ink cartridge yields, visit the following website.
<http://www.epson.eu/pageyield>

Note:

Not all cartridges are available in all regions.

Color	Black, Photo Black, Cyan, Magenta, Yellow
Cartridge life	For best results, use up ink cartridge within six months of opening the package.
Temperature	Storage: -20 to 40 °C (-4 to 104 °F) 1 month at 40 °C (104 °F) Freezing: * -16 °C (3.2 °F)

* Ink thaws and is usable after approximately 3 hours at 25 °C (77 °F).

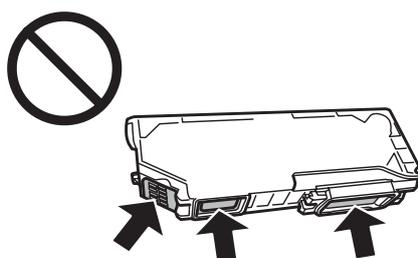
Replacing Ink Cartridges

Ink Cartridge Safety Instructions, Precautions, and Specifications

Safety instructions

Observe the following when handling the ink cartridges:

- ❑ Keep ink cartridges out of the reach of children.
- ❑ Be careful when you handle used ink cartridges, as there may be some ink around the ink supply port.
If ink gets on your skin, wash the area thoroughly with soap and water.
If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.
If ink gets into your mouth, spit it out immediately and see a doctor right away.
- ❑ If you remove the cartridge from the product for later use or to dispose of it, make sure you put the cap back on the cartridge's ink supply port to prevent ink from drying out or to prevent surrounding areas from getting smeared by ink.
- ❑ Do not push hard or squeeze the ink cartridges, or be careful not to drop them. Doing so may cause ink leakage.
- ❑ Do not disassemble or remodel the ink cartridge, otherwise you may not be able to print normally.
- ❑ Do not touch the sections shown in the illustration. Doing so may prevent normal operation and printing.



- ❑ Do not leave the product with the ink cartridges removed or do not turn off the product during cartridge replacement. Otherwise, ink remaining in the print head nozzles will dry out and you may not be able to print.

Precautions on ink cartridge replacement

Read all of the instructions in this section before replacing the ink cartridges.

- ❑ Epson recommends the use of genuine Epson ink cartridges. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic product behavior. Information about non-genuine ink levels may not be displayed.

Replacing Ink Cartridges

- ❑ Gently shake the black ink cartridge four or five times before opening the package. The color cartridges and photo black cartridge does not require shaking.
- ❑ Do not shake ink cartridges too vigorously; otherwise ink may leak from the cartridge.
- ❑ This product uses ink cartridges equipped with an IC chip that monitors information such as the amount of remaining ink for each cartridge. This means that even if the cartridge is removed from the product before it is expended, you can still use the cartridge after reinserting it back into the product. However, when reinserting a cartridge, some ink may be consumed to guarantee product performance.
- ❑ To maintain optimum print head performance, some ink is consumed from all cartridges not only during printing but also during maintenance operations such as ink cartridge replacement and print head cleaning.
- ❑ Be careful not to let dust or any objects get inside the ink cartridge holder. Anything inside the holder may adversely affect the printing results or result in an inability to print.
- ❑ For maximum ink efficiency, only remove an ink cartridge when you are ready to replace it. Ink cartridges with low ink status may not be used when reinserted.
- ❑ Do not open the ink cartridge package until you are ready to install it in the product. The cartridge is vacuum packed to maintain its reliability. If you leave a cartridge unpacked for a long time before using it, normal printing may not be possible.
- ❑ Install all ink cartridges; otherwise, you cannot print.
- ❑ When color ink is expended and black ink still remains, you can continue printing temporarily with black ink only. For more information refer to [“Temporary Printing with Black Ink When Color Ink Cartridges or a Photo Black Ink Cartridge are Expended”](#) on page 82.
- ❑ If an ink cartridge is running low, prepare a new ink cartridge.
- ❑ After bringing an ink cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
- ❑ Store ink cartridges in a cool, dark place.
- ❑ You cannot use the cartridges that came with your product for the replacement.

Ink Cartridge Specifications

- ❑ Epson recommends using the ink cartridge before the date printed on the package.
- ❑ The ink cartridges packaged with your product are partly used during initial setup. In order to produce high quality printouts, the print head in your product will be fully charged with ink. This one-off process consumes a quantity of ink and therefore these cartridges may print fewer pages compared to subsequent ink cartridges.
- ❑ Quoted yields may vary depending on the images that you are printing, the paper type that you are using, the frequency of your prints and environmental conditions such as temperature.
- ❑ To ensure you receive premium print quality and to help protect your print head, a variable ink safety reserve remains in the cartridge when your product indicates to replace the cartridge. The yields quoted for you do not include this reserve.
- ❑ Although the ink cartridges may contain recycled materials, this does not affect product function or performance.

Replacing Ink Cartridges

- ❑ When printing in monochrome or grayscale, color inks instead of black ink may be used depending on the paper type or print quality settings. This is because a mixture of color inks is used to create black.

Checking the Ink Cartridge Status

For Windows

Note:

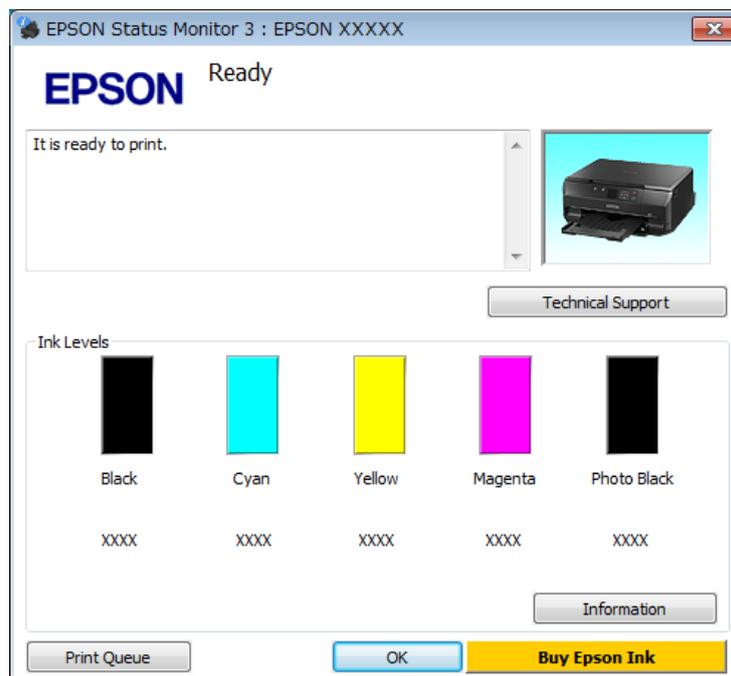
- ❑ *Epson cannot guarantee the quality or reliability of non-genuine ink. If non-genuine ink cartridges are installed, the ink cartridge status may not be displayed.*
- ❑ *When an ink cartridge is running low, the Low Ink Reminder screen automatically appears. You can also check the ink cartridge status from this screen. If you do not want to display this screen, first access the printer driver and then click the **Maintenance** tab, the **Extended Settings** button, and then the **Monitoring Preferences** button. On the Monitoring Preferences screen, clear the **See Low Ink Reminder alerts** check box.*
- ❑ *If an ink cartridge is running low, prepare a new ink cartridge.*

To check the ink cartridge status, do one of the following:

- ❑ Double-click the product shortcut icon on your Windows taskbar. To add a shortcut icon to the taskbar, see the following section:
 - ➔ [“From the shortcut icon on the taskbar” on page 33](#)

Replacing Ink Cartridges

- ❑ Open the printer driver, click the **Maintenance** tab, then click the **EPSON Status Monitor 3** button. A graphic displays the ink cartridge status.



Note:

- ❑ If EPSON Status Monitor 3 does not appear, access the printer driver and click the **Maintenance** tab and then the **Extended Settings** button. In the Extended Settings window, check the **Enable EPSON Status Monitor 3** check box.
- ❑ The ink levels displayed are an approximate indication.

For Mac OS X

Note:

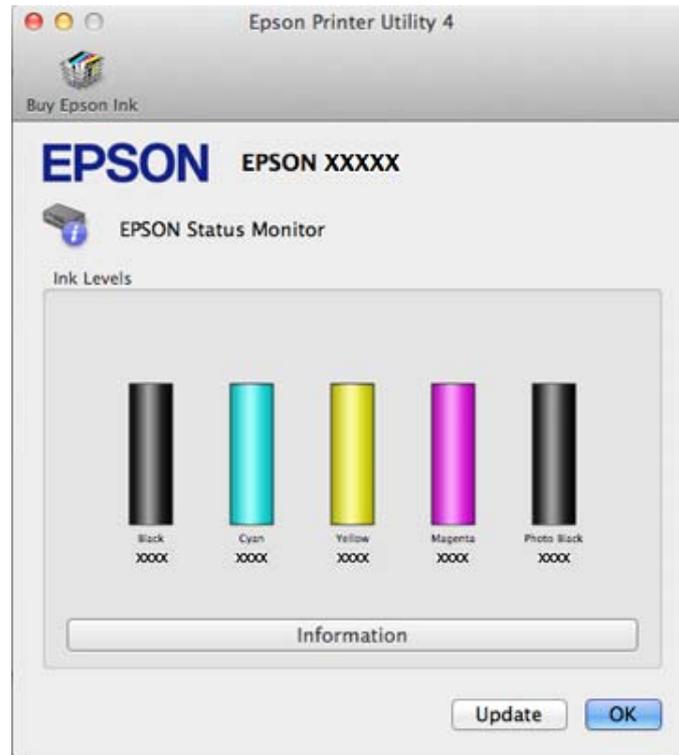
If an ink cartridge is running low, prepare a new ink cartridge.

You can check the ink cartridge status using EPSON Status Monitor. Follow the steps below.

- 1 Access the Epson Printer Utility 4.
➔ [“Accessing the printer driver for Mac OS X” on page 33](#)

Replacing Ink Cartridges

- Click the **EPSON Status Monitor** icon. The EPSON Status Monitor appears.



Note:

- The graphic displays the ink cartridge status when EPSON Status Monitor was first opened. To update the ink cartridge status, click **Update**.
- Epson cannot guarantee the quality or reliability of non-genuine ink. If non-genuine ink cartridges are installed, the ink cartridge status may not be displayed.
- The ink levels displayed are an approximate indication.

Using the control panel

- Enter **Setup** mode from the Home menu.
- Select **Ink Levels**.

Note:

The ink levels displayed are an approximate indication.

Replacing Ink Cartridges

Temporary Printing with Black Ink When Color Ink Cartridges or a Photo Black Ink Cartridge are Expended

When color ink or photo black ink is expended and black ink still remains, you can continue printing for a short time using only black ink. However, you should replace the expended ink cartridge(s) as soon as possible. See the following section to continue printing temporarily with black ink.

Note:

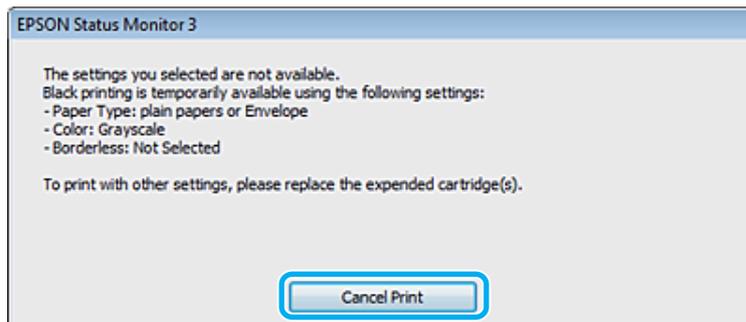
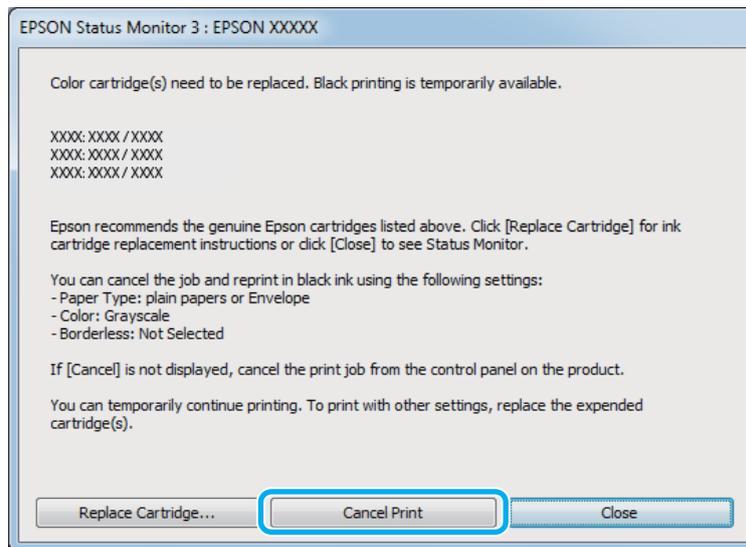
- This feature is not available when photos and documents are printed or copied directly from the printer without using a computer.
- The actual amount of time will vary depending on the usage conditions, images printed, print settings, and frequency of use.

For Windows

Follow the steps below to continue printing temporarily with black ink.

1

When EPSON Status Monitor 3 tells you to cancel your print job, click **Cancel** or **Cancel Print** to cancel your print job.



Replacing Ink Cartridges

Note:

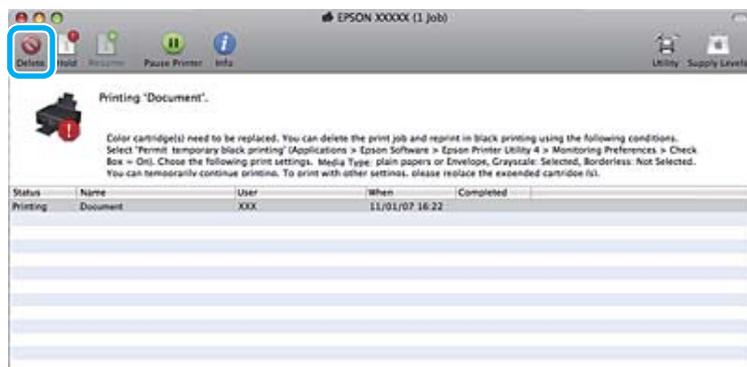
If the error stating that a color ink cartridge or a photo black ink cartridge is expended originates with another computer on the network, you may need to cancel the print job at the product.

- 2 Load plain paper or envelope.
- 3 Access the printer settings.
➔ [“Accessing the printer driver for Windows” on page 32](#)
- 4 Click the Main tab, and make suitable settings.
- 5 Select **plain papers** or **Envelope** as the Type setting.
- 6 Select the **Grayscale** check box in **Advanced** window.
- 7 Click **OK** to close the printer settings window.
- 8 Print your file.
- 9 EPSON Status Monitor 3 is displayed on your computer screen again. Click **Print in Black** to print with black ink.

For Mac OS X

Follow the steps below to continue printing temporarily with black ink.

- 1 If printing can not be resumed, click the product icon in the Dock. If an error message is displayed prompting you to cancel the print job, click **Delete** and follow the steps below to reprint the document with black ink.



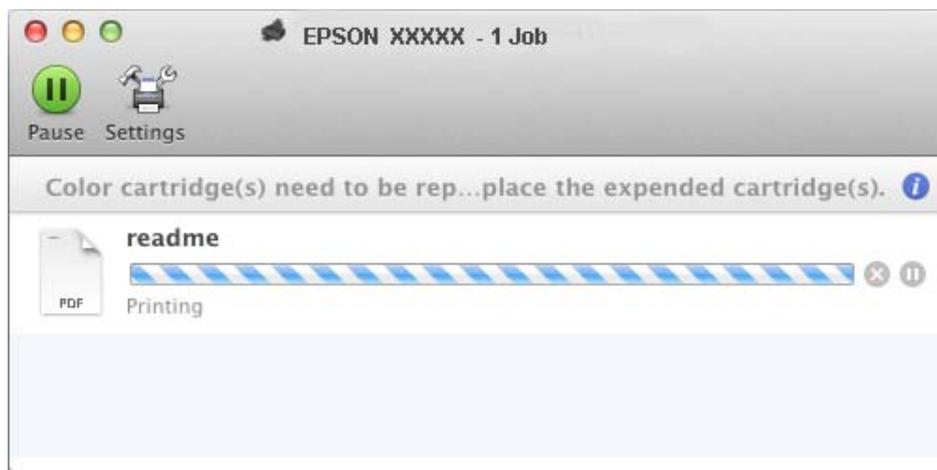
Note:

If the error stating that a color ink cartridge or a photo black ink cartridge is expended originates with another computer on the network, you may need to cancel the print job at the product.

Replacing Ink Cartridges

For Mac OS X 10.8:

Click the  button, and if an error message appears, click **OK**. Follow the steps below to reprint the document with black ink.

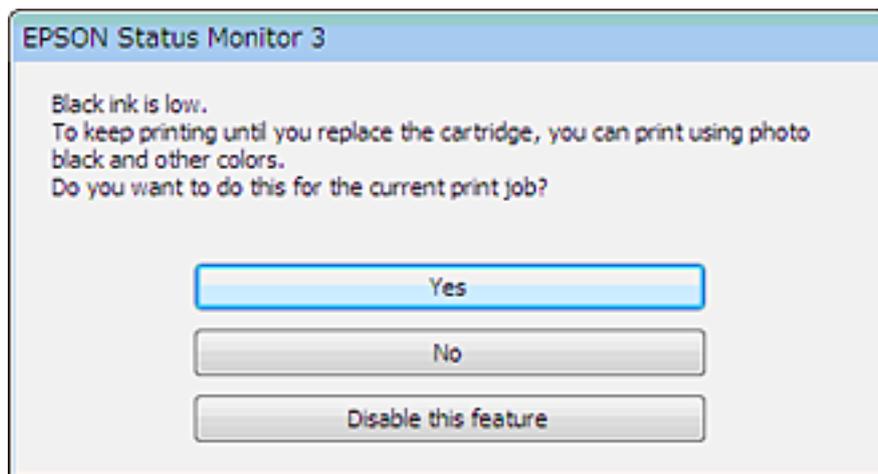


- 2 Open **System Preferences**, click **Print & Scan** (Mac OS X 10.8 or 10.7) or **Print & Fax** (Mac OS X 10.6 or 10.5), and select the product from the Printers list. Next, click **Options & Supplies** and then **Driver**.
- 3 Select **On** for Permit temporary black printing.
- 4 Load plain paper or envelope.
- 5 Access the Print dialog box.
➔ [“Accessing the printer driver for Mac OS X” on page 33](#)
- 6 Click the **Show Details** button (for Mac OS X 10.8 or 10.7) or the ▼ button (for Mac OS X 10.6 or 10.5) to extend this dialog box.
- 7 Select the product you are using as the Printer setting, and then make suitable settings.
- 8 Select **Print Settings** from the pop-up menu.
- 9 Select **plain papers** or **Envelope** as the Media Type setting.
- 10 Select the **Grayscale** check box.
- 11 Click **Print** to close the Print dialog box.

Replacing Ink Cartridges

Conserving Black Ink When the Cartridge is Low (For Windows Only)

The window below appears when black ink runs low and there is more color ink than black ink. It appears only when **plain papers** is selected as the paper type, and **Text** is selected as the Quality Option.



The window gives you the option to either continue using black ink normally or conserve black ink by using a mixture of color inks and photo black ink to create black.

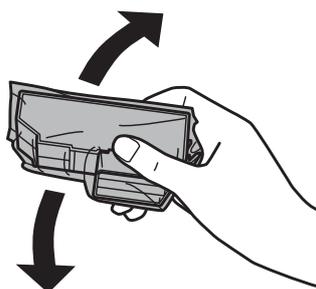
- Click the **Yes** button to use a mixture of color inks and photo black ink to create black. The same window is displayed the next time you print a similar job.
- Click the **No** button to continue using the remaining black ink for the job you are printing. You will see the same window the next time you print a similar job, and again have the option to conserve black ink.
- Click **Disable this feature** to continue using the remaining black ink.

Replacing an ink cartridge

Note:

Make sure that the  light is on, but not flashing.

- 1** For best results, gently shake only the new Black ink cartridge four or five times before opening the package.

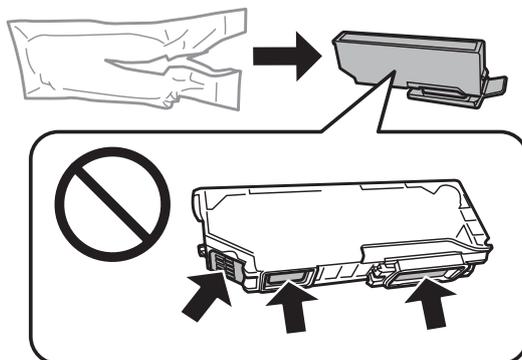


Replacing Ink Cartridges

Note:

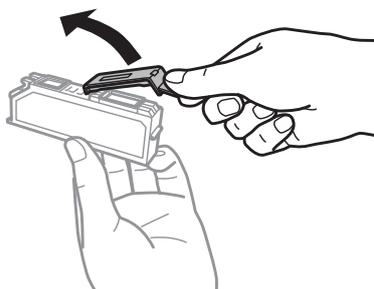
- ❑ You do not need to shake the color ink cartridges and the Photo Black ink cartridge.
- ❑ Do not shake cartridges after opening the package, as they may leak.

- 2** Remove the ink cartridge from its package and then remove the cap from the bottom of the cartridge.

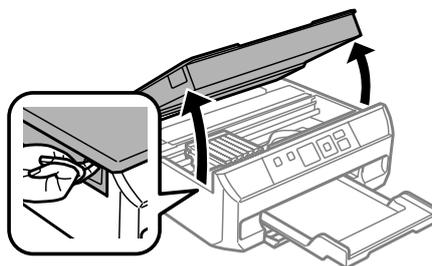


Note:

Do not touch the sections shown in the illustration. Doing so may prevent normal operation and printing.



- 3** Open the scanner unit. The ink cartridge holder moves to the ink cartridge replacement position.



Important:

Do not touch the flat white cable connected to the ink cartridge holder.

Replacing Ink Cartridges

Note:

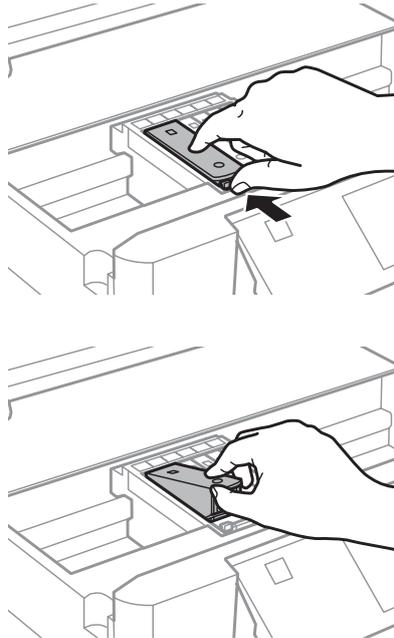
- ❑ *If the ink cartridge holder does not move to the ink cartridge replacement position, close the scanner unit and follow the instruction below.*

Home > Setup > Maintenance > Ink Cartridge(s) Replacement

- ❑ *Do not move the ink cartridge holder by hand; otherwise, you may damage the product.*

4

Push the tab to unlock the ink cartridge holder and then remove the cartridge diagonally.

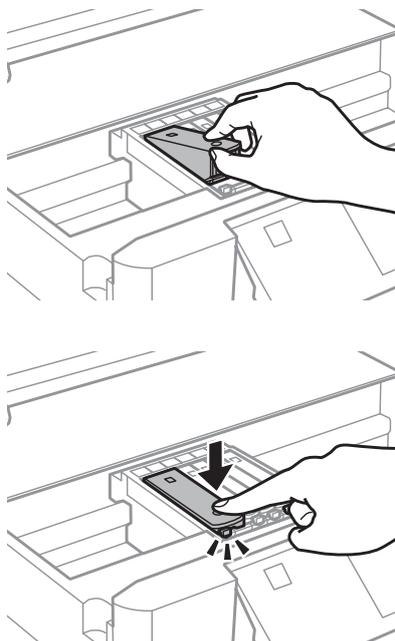


Note:

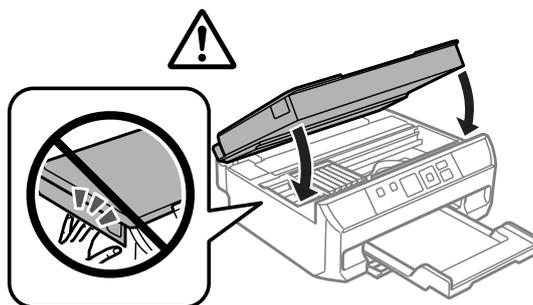
The illustration shows replacement of the cartridge on the far left. Replace the cartridge appropriate to your situation.

Replacing Ink Cartridges

- 5** Insert the ink cartridge diagonally into the cartridge holder and gently push it down until it clicks into place.



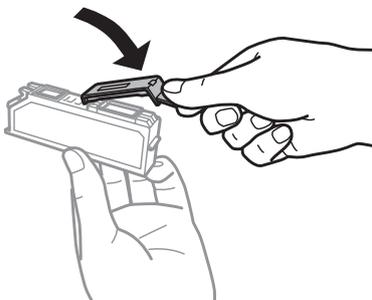
- 6** Close the scanner unit. The ink cartridge holder returns to its home position.



- 7** Follow the on-screen instruction.

Note:

- ❑ Put the cap back on to the removed cartridge's ink supply port. Dispose of the used cartridge properly.



- ❑ The  light continues to flash while the product is charging ink. Do not turn off the product during ink charging. If the ink charging is incomplete, you may not be able to print.

Maintaining Your Product and Software

Checking the Print Head Nozzles

If you find that the printout is unexpectedly faint or that dots are missing, you may be able to identify the problem by checking the print head nozzles.

You can check the print head nozzles from your computer by using the Nozzle Check utility or from the product by using the buttons.

Using the Nozzle Check utility for Windows

Follow the steps below to use the Nozzle Check utility.

- 1 Make sure that no warnings or errors are displayed on the LCD screen, and the output tray is ejected.
- 2 Make sure that A4-size paper is loaded in the paper cassette.
- 3 Right-click the product icon on the taskbar, then select **Nozzle Check**.
If the product icon does not appear, refer to the following section to add the icon.
➔ [“From the shortcut icon on the taskbar” on page 33](#)
- 4 Follow the on-screen instructions.

Using the Nozzle Check utility for Mac OS X

Follow the steps below to use the Nozzle Check utility.

- 1 Make sure that no warnings or errors are displayed on the LCD screen, and the output tray is ejected.
- 2 Make sure that A4-size paper is loaded in the paper cassette.
- 3 Access the Epson Printer Utility 4.
➔ [“Accessing the printer driver for Mac OS X” on page 33](#)
- 4 Click the **Nozzle Check** icon.
- 5 Follow the on-screen instructions.

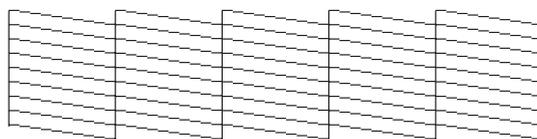
Using the control panel

Follow the steps below to check the print head nozzles using the product control panel.

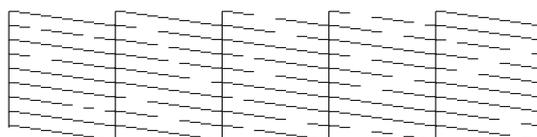
- 1 Make sure that no warnings or errors are indicated in the control panel, and the output tray is ejected.
- 2 Make sure that A4-size paper is loaded in the paper cassette.
- 3 Enter **Setup** mode from the Home menu.
- 4 Select **Maintenance**.
- 5 Select **Nozzle Check**.
- 6 Press \diamond to print the nozzle check pattern.

Below are two sample nozzle check patterns.

Compare the quality of the printed check page with the sample shown below. If there are no print quality problems, such as gaps or missing segments in the test lines, the print head is fine.



If any segment of the printed lines is missing, as shown below, this could mean a clogged ink nozzle or a misaligned print head.



- ➔ [“Cleaning the Print Head” on page 90](#)
- ➔ [“Aligning the Print Head” on page 92](#)

Cleaning the Print Head

If you find that the printout is unexpectedly faint or that dots are missing, you may be able to solve these problems by cleaning the print head, which ensures that the nozzles are delivering ink properly.

You can clean the print head from your computer using the Head Cleaning utility in the printer driver or from the product by using the buttons.

Maintaining Your Product and Software

**Important:**

Do not open the scanner unit or turn off the product. during head cleaning. If the head cleaning is incomplete, you may not be able to print.

Note:

- Use the Nozzle Check utility first to confirm that the print head needs to be cleaned. This saves ink.
- To maintain print quality, we recommend printing a few pages on a regular basis.
- Because print head cleaning uses some ink from all cartridges, clean the print head only if quality declines; for example, if the printout is blurry or the color is incorrect or missing.
- When ink is low you may not be able to clean the print head. When ink is expended you cannot clean the print head. Replace the appropriate ink cartridge first.

Note:

If print quality has not improved after repeating this procedure about two times, turn the product off and wait for at least six hours. Then run the nozzle check again and repeat the head cleaning if necessary. If print quality has still not improved, contact Epson support.

Using the Head Cleaning utility for Windows

Follow the steps below to clean the print head using the Head Cleaning utility.

- 1** Make sure that no warnings or errors are displayed on the LCD screen, and the output tray is ejected.
- 2** Right-click the product icon on the taskbar, then select **Head Cleaning**.
If the product icon does not appear, refer to the following section to add the icon.
➔ [“From the shortcut icon on the taskbar” on page 33](#)
- 3** Follow the on-screen instructions.

Using the Head Cleaning utility for Mac OS X

Follow the steps below to clean the print head using the Head Cleaning utility.

- 1** Make sure that no warnings or errors are displayed on the LCD screen, and the output tray is ejected.
- 2** Access the Epson Printer Utility 4.
➔ [“Accessing the printer driver for Mac OS X” on page 33](#)
- 3** Click the **Head Cleaning** icon.
- 4** Follow the on-screen instructions.

Using the control panel

Follow the steps below to clean the print head using the product control panel.

- 1 Make sure that no warnings or errors are indicated in the control panel.
- 2 Enter **Setup** mode from the Home menu.
- 3 Select **Maintenance**.
- 4 Select **Head Cleaning**.
- 5 Press \diamond to clean the print head.

Aligning the Print Head

If you notice a misalignment of vertical lines or horizontal banding, you may be able to solve this problem by using the Print Head Alignment utility in your printer driver or by using the product buttons.

Refer to the appropriate section below.

Note:

Do not press \odot to cancel printing while printing a test pattern with the Print Head Alignment utility.

Using the Print Head Alignment utility for Windows

Follow the steps below to align the print head using the Print Head Alignment utility.

- 1 Make sure that no warnings or errors are displayed on the LCD screen, and the output tray is ejected.
- 2 Make sure A4-size paper is loaded in the paper cassette.
- 3 Right-click the product icon on the taskbar, then select **Print Head Alignment**.
If the product icon does not appear, refer to the following section to add the icon.
➔ [“From the shortcut icon on the taskbar” on page 33](#)
- 4 Follow the on-screen instructions to align the print head.

Using the Print Head Alignment utility for Mac OS X

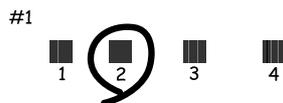
Follow the steps below to align the print head using the Print Head Alignment utility.

- 1 Make sure that no warnings or errors are displayed on the LCD screen, and the output tray is ejected.
- 2 Make sure A4-size paper is loaded in the paper cassette.
- 3 Access the Epson Printer Utility 4.
➔ [“Accessing the printer driver for Mac OS X” on page 33](#)
- 4 Click the **Print Head Alignment** icon.
- 5 Follow the on-screen instructions to align the print head.

Using the control panel

Follow the steps below to align the print head using the product control panel.

- 1 Make sure that no warnings or errors are indicated in the control panel, and the output tray is ejected.
- 2 Make sure that A4-size paper is loaded in the paper cassette.
- 3 Enter **Setup** mode from the Home menu.
- 4 Select **Maintenance**.
- 5 Select **Head Alignment**.
- 6 Press \diamond to print the patterns.
- 7 Find the most solid pattern in each of #1 to #5 groups.



- 8 Enter the pattern number for the most solid pattern in #1 group.

Maintaining Your Product and Software

- 9 Repeat step 8 for the other groups (#2 to #5).
- 10 Finish aligning the print head.

Saving Power

The product enters sleep mode or turns off automatically if no operations are performed for a set period.

You can adjust the time before power management is applied. Any increase will affect the product's energy efficiency. Please consider the environment before making any change.

Follow the steps below to adjust the time.

For Windows

- 1 Access the printer settings.
➔ [“Accessing the printer driver for Windows” on page 32](#)
- 2 Click the **Maintenance** tab, and then click the **Printer and Option Information** button.
- 3 Select **Off, 30 minutes, 1 hour, 2 hours, 4 hours, 8 hours, or 12 hours** as the Power Off Timer setting, and click the **Send** button.
- 4 Select **3 minutes, 5 minutes, 10 minutes, or 15 minutes** as the Sleep Timer setting, and click the **Send** button.
- 5 Click the **OK** button.

For Mac OS X

- 1 Access the Epson Printer Utility 4.
➔ [“Accessing the printer driver for Mac OS X” on page 33](#)
- 2 Click the **Printer Settings** button. The Printer Settings screen appears.
- 3 Select **Off, 30 minutes, 1 hour, 2 hours, 4 hours, 8 hours, or 12 hours** as the Power Off Timer setting.
- 4 Select **3 minutes, 5 minutes, 10 minutes, or 15 minutes** as the Sleep Timer setting.
- 5 Click the **Apply** button.

Using the control panel

- 1 Enter **Setup** mode from the Home menu.
- 2 Select **Printer Setup**.
- 3 Select **Power Off Timer**.
- 4 Select **Off**, **30 minutes**, **1h**, **2h**, **4h**, **8h**, or **12h**.
- 5 Select **Sleep Timer**.
- 6 Select **3 minutes**, **5 minutes**, **10 minutes**, or **15 minutes**.

Quieter Printer Operations

You can make printer operations quiet without changing the print quality. However, printing speed might be reduced.

For Windows

- 1 Access the printer settings.
➔ [“Accessing the printer driver for Windows” on page 32](#)
- 2 In the **Advanced** window, select **Off**, **On**, or **Printer Setting** as the Quiet Mode.

For Mac OS X

- 1 Click **System Preferences** on the Apple menu.
- 2 Click **Print & Scan** (for Mac OS X 10.8 or 10.7) or **Print & Fax** (for Mac OS X 10.6 or 10.5), and then select your product from the Printers list box.
- 3 Click **Options & Supplies**, and then **Driver**.
- 4 Select **Off**, **On**, or **Printer Setting** as the Quiet Mode.

Using the control panel

- 1 Enter **Quiet Mode** from the Home menu.
- 2 Select **On** or **Off**.

Making Network Service Settings

You can make network service settings such as Epson Connect, AirPrint, or Google Cloud Print using a Web browser on your computer, smartphone, tablet PC, or laptop that is connected to the same network as the product.

Enter the product's IP address in the address bar of the Web browser and search for the product.

<Example>

IPv4: `http://192.168.11.46`

IPv6: `http://[fe80::226:abff:feff:37cd]/`

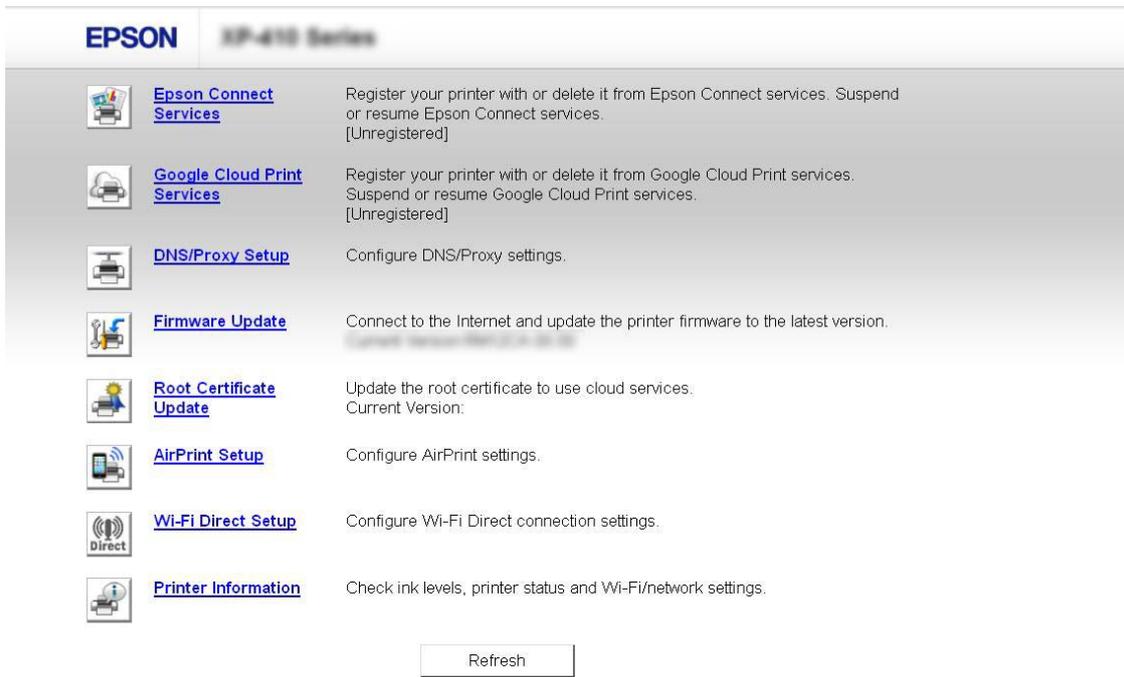
Note:

You can check your product's IP address on the product's control panel or by printing a network status sheet.

➔ ["Setup Mode" on page 73](#)

Maintaining Your Product and Software

When the product is found successfully, the product's web page is displayed as shown below. Select the menu you want.



The web page also allows you to check the product's status and update the product's firmware.

Cleaning the Product

Cleaning the exterior of the product

To keep your product operating at its best, clean it thoroughly several times a year by using the following instructions.



Important:

Never use alcohol or thinner to clean the product. These chemicals can damage the product.

Note:

Close the output tray when you are not using the product to protect the product from dust.

- Use a soft, dry, clean cloth to clean the LCD screen. Do not use liquid or chemical cleaners.
- Use a soft, dry, clean cloth to clean the surface of the scanner glass.
- If the glass surface is stained with grease or some other hard-to-remove material, use a small amount of glass cleaner and a soft cloth to remove it. Wipe off all remaining liquid.
- Do not press the surface of the scanner glass with any force.

Maintaining Your Product and Software

- ❑ Be careful not to scratch or damage the surface of the scanner glass, and do not use a hard or abrasive brush to clean it. A damaged glass surface can decrease the scan quality.

Cleaning the interior of the product

To keep your print results at their best, clean the roller inside by using the following procedure.

**Caution:**

Be careful not to touch the parts inside the product.

**Important:**

- ❑ *Be careful to keep water away from the electronic components.*
- ❑ *Do not spray the inside of the product with lubricants.*
- ❑ *Unsuitable oils can damage the mechanism. Contact your dealer or a qualified service person if lubrication is needed.*

1

Make sure that no warnings or errors are displayed on the LCD screen, and the output tray is ejected.

2

Load several sheets of A4-size plain paper in the paper cassette.

3

Enter **Copy** mode from the Home menu.

4

Press  to make a copy without placing a document on the scanner glass.

5

Repeat step 4 until the paper is not smeared with ink.

Transporting the Product

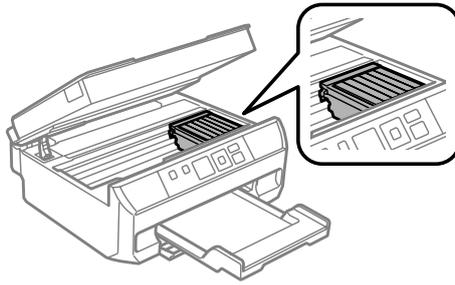
If you move the product some distance, you need to prepare it for transportation in its original box or one of a similar size.

**Important:**

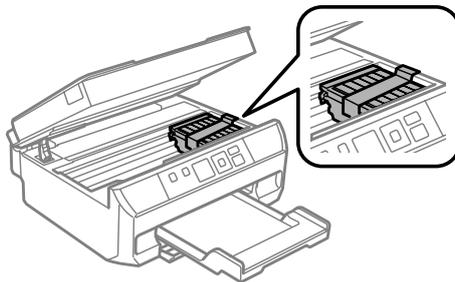
- ❑ *When storing or transporting the product, avoid tilting it, placing it vertically, or turning it upside down; otherwise ink may leak.*
- ❑ *Leave the ink cartridges installed. Removing the cartridges can dry out the print head and may prevent the product from printing.*

Maintaining Your Product and Software

- 1 Plug in the product and turn it on. Wait until the ink cartridge holder returns to the home position.



- 2 Secure the ink cartridge holder to the case with tape as shown, then close the scanner unit slowly.



- 3 Turn off the product and unplug its power cord.
- 4 Disconnect all other cables from the product.
- 5 Remove all paper from the paper cassette and re-insert the cassette into the product.
- 6 Repack the product in its box, using the protective materials that came with it.

Note:

- Keep the product level during transport.
- Be sure to remove the protective materials from the product before using it again.

Checking and Installing Your Software

Checking the software installed on your computer

To use the functions described in this User's Guide, you need to install the following software.

- Epson Driver and Utilities
- Epson Easy Photo Print
- Epson Event Manager

Maintaining Your Product and Software

Follow the steps below to check that the software is installed on your computer.

For Windows

- 1** **Windows 8:** Select **Desktop**, **Settings** charm and **Control Panel**.
Windows 7 and Vista: Click the start button and select **Control Panel**.
Windows XP: Click **Start** and select **Control Panel**.
- 2** **Windows 8, 7 and Vista:** Click **Uninstall a program** from the Programs category.
Windows XP: Double-click the **Add or Remove Programs** icon.
- 3** Check the list of currently installed programs.

For Mac OS X

- 1** Double-click **Macintosh HD**.
- 2** Double-click the **Epson Software** folder in the Applications folder and check the contents.

Note:

- The Applications folder contains software provided by third parties.*
- To check that the printer driver is installed, click **System Preferences** on the Apple menu and then click **Print & Scan** (for Mac OS X 10.8 or 10.7) or **Print & Fax** (for Mac OS X 10.6 or 10.5). Then locate your product in the Printers list box.*

Installing the software

Insert the product software disk that came with your product and select the software you want to install on the Software Select screen.

If you are using Mac OS X, or if your computer does not have a CD/DVD drive, go to the following Epson website to download and install the software.

<http://support.epson.net/setupnavi/>

Uninstalling Your Software

You may need to uninstall and then reinstall your software to solve certain problems or if you upgrade your operating system.

See the following section for information on determining what applications are installed.

➔ [“Checking the software installed on your computer” on page 99](#)

For Windows

Note:

- For Windows 8, 7 and Vista, you need an administrator account and password if you log on as a standard user.
- For Windows XP, you must log on to a Computer Administrator account.

1 Turn off the product.

2 Disconnect the product's interface cable from your computer.

3 Do one of the following.

Windows 8: Select **Desktop, Settings** charm and **Control Panel**.

Windows 7 and Vista: Click the start button and select **Control Panel**.

Windows XP: Click **Start** and select **Control Panel**.

4 Do one of the following.

Windows 8, 7 and Vista: Select **Uninstall a program** from the **Programs** category.

Windows XP: Double-click the **Add or Remove Programs** icon.

5 Select the software you want to uninstall such as your product's driver and the application from the list displayed.

6 Do one of the following.

Windows 8 and 7: Select **Uninstall/Change** or **Uninstall**.

Windows Vista: Click **Uninstall/Change** or **Uninstall**, and then click **Continue** in the User Account Control window.

Windows XP: Click **Change/Remove** or **Remove**.

Note:

*If you chose to uninstall your product's printer driver in step 5, select the icon for your product and then click **OK**.*

7 When the confirmation window appears, click **Yes** or **Next**.

8 Follow the on-screen instructions.

In some cases, a message may appear to prompt you to restart your computer. If so, make sure **I want to restart my computer now** is selected and click **Finish**.

For Mac OS X

Note:

- To uninstall your software you need to download the Uninstaller.
Access the site at:
<http://www.epson.com>
Next, select the support section of your local Epson Web site.
- To uninstall applications, you must log on to a Computer Administrator account.
You cannot uninstall programs if you log on as a limited account user.
- Depending on the application, the Installer may be separated from the Uninstaller.

- 1** Quit all running applications.
- 2** Double-click the **Uninstaller** icon in your Mac OS X hard drive.
- 3** Select the check boxes for the software you want to uninstall, such as the printer driver and the application, from the list displayed.
- 4** Click **Uninstall**.
- 5** Follow the on-screen instructions.

If you cannot find the software you want to uninstall in the Uninstaller window, double-click the **Applications** folder in your Mac OS X hard drive, select the application you want to uninstall, and then drag it to the **Trash** icon.

Note:

If you uninstall the printer driver and the name of your product remains in the **Print & Scan** (for Mac OS X 10.8 or 10.7) or **Print & Fax** (for Mac OS X 10.6 or 10.5) window, select the name of your product and click the - **remove** button.

Error Indicators

This section describes the solutions when an error code is displayed at the top-right of the LCD screen.

Code	Solutions
E-01	Turn the printer off and then back on. Make sure that no paper is still in the printer. If the error still appears, contact Epson support.
E-02	Turn the printer off and then back on. If the error message still appears, contact Epson support.
E-10	Turn off the printer. Contact Epson support to replace ink pads.
W-01	➔ "Removing jammed paper from the paper cassette" on page 110
W-02	➔ "Removing jammed paper from the rear cover" on page 108 ➔ "Removing jammed paper from inside the product" on page 109
W-03	➔ "Removing jammed paper from the rear cover" on page 108
W-10	The ink cartridge(s) shown on the LCD panel have not been installed. Install them.
W-12	Cannot recognize the ink cartridge(s) shown on the LCD panel. Replace the ink cartridge(s). Epson recommends the use of genuine Epson ink cartridges.
W-13	Press \diamond to resume printing. The message will be displayed until the ink pad is replaced. Contact Epson support to replace ink pads before the end of their service life. When the ink pads are saturated, the printer stops and Epson support is required to continue printing.
I-22	To establish a wireless connection using an access point, press the push button on the access point or click the button on the access point's wireless settings screen displayed on your computer's screen. Refer the online Network Guide.
I-23	You need to enter the PIN code displayed on the printer's panel into the access point or computer within two minutes. If no code is entered during the two minutes, a time-out error occurs and a different code is displayed and needs to be entered.
I-31	To make wireless connection settings from your computer, you need to insert the CD into the computer and follow the on-screen instructions. If you are using Mac OS X, or if your computer does not have a CD/DVD drive, go to the following Epson website and check how to configure wireless connection settings. http://support.epson.net/setupnavi/
I-60	Your computer may not support WSD (Web Services for Devices). The scan to PC (WSD) function is only available for computers running English versions of Windows 8, 7 or Vista.
I-71	1>2-Sided ➔ See "Placing Originals" on page 25 Book/2-Sided, A4, Book/2-up ➔ See "Placing a book" on page 26 A4, 2-up Copy ➔ See "Placing originals for 2-up copying (Layout copying)" on page 27
I-73	➔ See "Placing photos" on page 26

Error Indicators

Code	Solutions
Recovery Mode	The firmware update has failed. You will need to re-attempt the firmware update. Ready a USB cable and visit your local Epson website for further instructions.

Troubleshooting for Printing/Copying

Diagnosing the Problem

Troubleshooting product problems is best handled in two steps: first diagnose the problem, then apply likely solutions until the problem is fixed.

The information that you need to diagnose and solve most common problems is provided by online problem solving, the control panel, or the status monitor. Refer to the appropriate section below.

If you have a specific problem relating to print quality, a printing problem not related to print quality, or a paper feeding problem, or if the product does not print at all, refer to the appropriate section.

To solve a problem, you may need to cancel printing.

➔ [“Canceling Printing” on page 38](#)

Checking product status

If a problem occurs while printing, an error message will appear in the status monitor window.

If an error message appears indicating the product's ink pads are nearing the end of their service life, contact Epson support to replace them. The message will be displayed at regular intervals until the ink pads are replaced. When the product's ink pads are saturated, the product stops and Epson support is required to continue printing.

For Windows

There are two ways to access EPSON Status Monitor 3:

- Double-click the product shortcut icon on your Windows taskbar. To add a shortcut icon to the taskbar, see the following section:
 - ➔ [“From the shortcut icon on the taskbar” on page 33](#)
- Open the printer driver, click the **Maintenance** tab, then click the **EPSON Status Monitor 3** button.

Troubleshooting for Printing/Copying

When you access EPSON Status Monitor 3, the following window appears:



Note:

If EPSON Status Monitor 3 does not appear, access the printer driver and click the **Maintenance** tab and then the **Extended Settings** button. In the Extended Settings window, check the **Enable EPSON Status Monitor 3** check box.

EPSON Status Monitor 3 provides the following information:

- Current Status:**
If the ink is low or expended, the **How to** button appears in the EPSON Status Monitor 3 window. Clicking **How to** displays ink cartridge replacement instructions.
- Ink Levels:**
EPSON Status Monitor 3 provides a graphic display of the ink cartridge status.
- Information:**
You can view information about the installed ink cartridges by clicking **Information**.
- Technical Support:**
Click **Technical Support** to access the Epson technical support website.
- Print Queue:**
You can view Windows Spooler by clicking **Print Queue**.

For Mac OS X

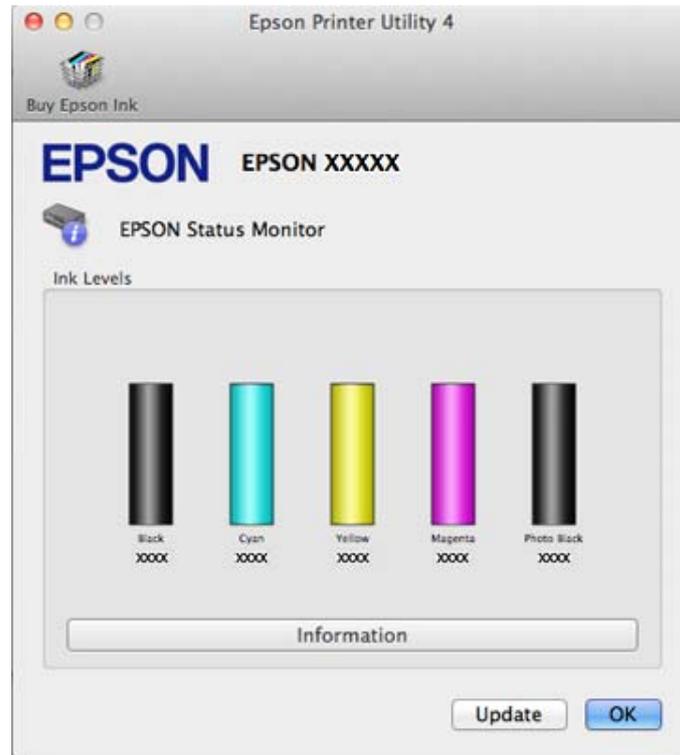
Follow these steps to access EPSON Status Monitor.

- 1 Access the Epson Printer Utility 4.
➔ “Accessing the printer driver for Mac OS X” on page 33

Troubleshooting for Printing/Copying

2

Click the **EPSON Status Monitor** icon. The EPSON Status Monitor appears.



You can also use this utility to check the ink cartridge status before printing. EPSON Status Monitor displays the ink cartridge status at the time it was opened. To update the ink cartridge status, click **Update**.

When ink is low or expended, a **How to** button appears. Click **How to**, and EPSON Status Monitor will lead you step by step through the ink cartridge replacement procedure.



Paper Jams

**Caution:**

Never touch the buttons on the control panel while your hand is inside the product.

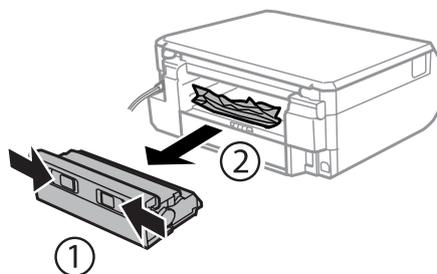
Note:

- ❑ Cancel the print job if prompted by a message from the LCD screen or the printer driver.
- ❑ After you have removed the jammed paper, press the button indicated in the LCD screen.

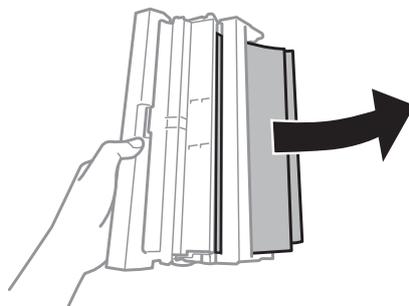
Removing jammed paper from the rear cover

1

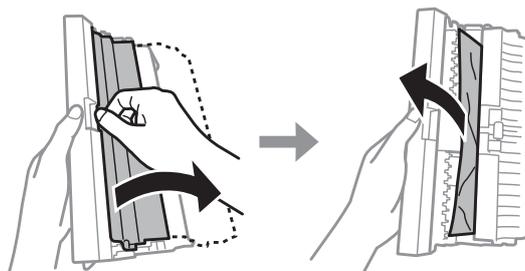
Pull out the rear cover and carefully remove the jammed paper.

**2**

Carefully remove the jammed paper.

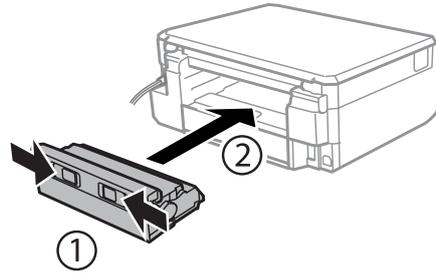
**3**

Open the rear cover and carefully remove the jammed paper.



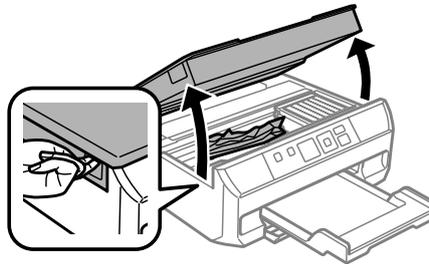
Troubleshooting for Printing/Copying

- 4 Reattach the rear cover.



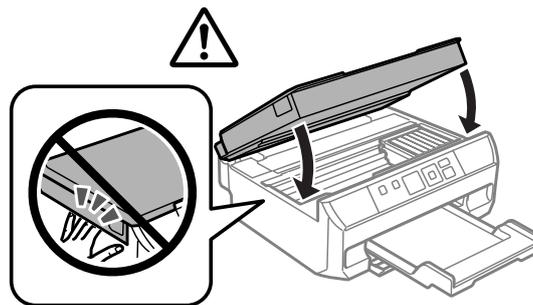
Removing jammed paper from inside the product

- 1 Open the scanner unit. Then remove all of the paper inside, including any torn pieces.



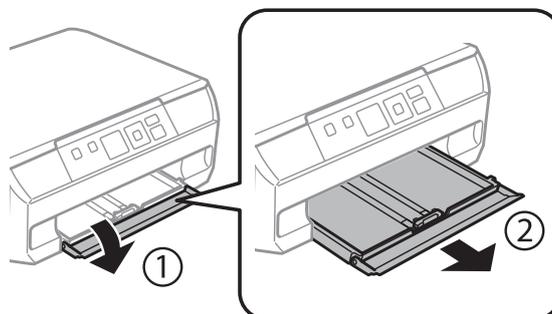
! **Important:**
Do not touch the flat white cable connected to the ink cartridge holder.

- 2 Close the scanner unit slowly.



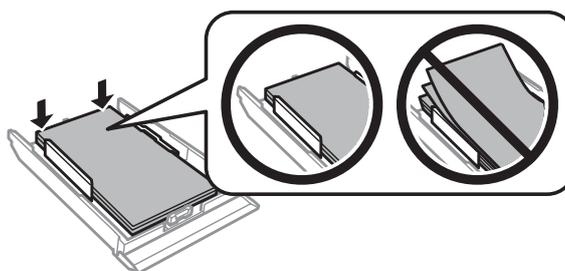
Removing jammed paper from the paper cassette

- 1** Pull out the paper cassette.



- 2** Remove the jammed paper from the cassette.

- 3** Align the edges of the paper.



- 4** Keep the cassette flat and slowly and carefully reinsert it all the way into the product.

Preventing paper jams

If your paper jams frequently, check the following.

- The paper is smooth, not curled or wrinkled.
- You are using high-quality paper.
- The printable side of the paper is face down in the paper cassette.
- The paper stack was fanned before loading.
- For plain paper, do not load paper above the line just under the ▼ or ≡ arrow mark inside the edge guide. For Epson special media, make sure the number of sheets is less than the limit specified for the media.
➔ [“Selecting Paper” on page 17](#)
- The edge guides are snug against the edges of the paper.
- The product is on a flat, stable surface that extends beyond the base in all directions. The product will not operate properly if it is tilted.

Troubleshooting for Printing/Copying

Reprinting after a paper jam (for Windows only)

After you cancel the print job because of a paper jam, you can reprint it without reprinting pages that have already been printed.

- 1 Solve the paper jam.
➔ ["Paper Jams" on page 108](#)
- 2 Access the printer settings.
➔ ["Accessing the printer driver for Windows" on page 32](#)
- 3 Select the **Print Preview** check box in the Main or Advanced window of your printer driver.
- 4 Make the settings that you want to use to print.
- 5 Click **OK** to close the printer settings window, and then print your file. Print Preview window opens.
- 6 Select a page that has already been printed in the page list box on the left side, and then select **Remove Page** from the Print Options menu. Repeat this step for all the pages that have already been printed.
- 7 Click **Print** on the Print Preview window.

Print Quality Help

If you are having print quality problems, then compare it with the illustrations below. Click the caption under the illustration that best resembles your prints.

<p>enthalten alle Aufdruck. W 5008 "Regel"</p> <p>Good sample</p>	 <p>Good sample</p>
<p>enthalten alle Aufdruck. W 5008 "Regel"</p> <p>➔ "Horizontal banding" on page 112</p>	<p>enthalten alle Aufdruck. W 5008 "Regel"</p> <p>➔ "Vertical banding or misalignment" on page 112</p>

Troubleshooting for Printing/Copying

 <p>➔ "Horizontal banding" on page 112</p>	 <p>➔ "Vertical banding or misalignment" on page 112</p>
 <p>➔ "Incorrect or missing colors" on page 113</p>	 <p>➔ "Blurry or smeared print" on page 113</p>

Horizontal banding

- ❑ Make sure the printable side (the whiter or glossier side) of the paper is face down in the paper cassette.
- ❑ Run the Head Cleaning utility to clear any clogged ink nozzles.
 - ➔ ["Cleaning the Print Head" on page 90](#)
- ❑ For best results, use up ink cartridge within six months of opening the package.
- ❑ Try to use genuine Epson ink cartridges.
- ❑ Make sure the paper type selected in the LCD menu or printer driver is appropriate for the type of paper loaded in the product.
 - ➔ ["Selecting Paper" on page 17](#)
- ❑ If banding appears at intervals of 2.5 cm, run the Print Head Alignment utility.
 - ➔ ["Aligning the Print Head" on page 92](#)
- ❑ If a moire (cross-hatch) pattern appears on your copy, change the **Reduce/Enlarge** setting in the LCD menu or shift the position of your original.
- ❑ If there is problem with copy quality, clean the surface of the scanner glass.
 - ➔ ["Cleaning the exterior of the product" on page 97](#)

Vertical banding or misalignment

- ❑ Make sure the printable side (the whiter or glossier side) of the paper is face down in the paper cassette.
- ❑ Run the Head Cleaning utility to clear any clogged ink nozzles.
 - ➔ ["Cleaning the Print Head" on page 90](#)
- ❑ Run the Print Head Alignment utility.
 - ➔ ["Aligning the Print Head" on page 92](#)

Troubleshooting for Printing/Copying

- ❑ For Windows, clear the **High Speed** check box from the Advanced window in your printer driver. See the online help for details.
For Mac OS X, select **Off** from the High Speed Printing. To display the High Speed Printing, click through the following menus: **System Preferences, Print & Scan** (for Mac OS X 10.8 or 10.7) or **Print & Fax** (for Mac OS X 10.6 or 10.5), your product (in the Printers list box), **Options & Supplies**, and then **Driver**.
- ❑ Make sure the paper type selected in the LCD menu or printer driver is appropriate for the type of paper loaded in the product.
➔ [“Selecting Paper” on page 17](#)
- ❑ If there is problem with copy quality, clean the surface of the scanner glass.
➔ [“Cleaning the exterior of the product” on page 97](#)

Incorrect or missing colors

- ❑ For Windows, clear the **Grayscale** setting in the Advanced window in your printer driver.
For Mac OS X, clear the **Grayscale** setting in Print Settings in the Print dialog box in your printer driver.
See the online help for details.
- ❑ Adjust the color settings in your application or in your printer driver settings.
For Windows, check the Advanced window.
For Mac OS X, check the Color Options dialog box from the Print dialog box.
See the online help for details.
- ❑ Run the Head Cleaning utility to clear any clogged ink nozzles.
➔ [“Cleaning the Print Head” on page 90](#)
- ❑ If you have just replaced an ink cartridge, make sure the date on the box. If you have not used the product for a long time, Epson recommends replacing the ink cartridges.
➔ [“Replacing an ink cartridge” on page 85](#)
- ❑ Try to use genuine Epson ink cartridges and paper recommended by Epson.

Blurry or smeared print

- ❑ Try to use genuine Epson ink cartridges and paper recommended by Epson.
- ❑ Make sure the product is on a flat, stable surface that extends beyond the base in all directions. The product will not operate properly if it is tilted.
- ❑ Make sure your paper is not damaged, dirty, or too old.
- ❑ Make sure your paper is dry and the printable side (the whiter or glossier side) is face down in the paper cassette.
- ❑ If the paper is curled toward the printable side, flatten it or curl it slightly in the opposite direction.
- ❑ Make sure the paper type selected in the LCD menu or printer driver is appropriate for the type of paper loaded in the product.
➔ [“Selecting Paper” on page 17](#)
- ❑ Remove each sheet from the output tray as it is printed.

Troubleshooting for Printing/Copying

- ❑ Do not touch or allow anything to come into contact with the printed side of paper with a shiny finish. To handle your prints, follow the instructions of the paper.
- ❑ Run the Head Cleaning utility.
➔ [“Cleaning the Print Head” on page 90](#)
- ❑ Run the Print Head Alignment utility.
➔ [“Aligning the Print Head” on page 92](#)
- ❑ If the paper is smeared with ink after printing, clean the interior of the product.
➔ [“Cleaning the interior of the product” on page 98](#)
- ❑ If you are printing high-density data on plain paper using automatic 2-sided printing, lower the **Print Density** and choose a longer **Increased Ink Drying Time** in the Print Density Adjustment window (for Windows) or in the Two-sided Printing Settings (for Mac OS X) of your printer driver.
➔ [“2-sided printing” on page 41](#)
- ❑ If there is problem with copy quality, clean the surface of the scanner glass.
➔ [“Cleaning the exterior of the product” on page 97](#)

Miscellaneous Printout Problems

Incorrect or garbled characters

- ❑ Clear any stalled print jobs.
➔ [“Canceling Printing” on page 38](#)
- ❑ Turn off the product and computer. Make sure the product's interface cable is securely plugged in.
- ❑ Uninstall the printer driver, then reinstall it.
➔ [“Uninstalling Your Software” on page 100](#)

Incorrect margins

- ❑ Make sure that the paper is loaded into the paper cassette correctly.
➔ [“Loading Paper” on page 21](#)
- ❑ Check the margin settings in your application. Make sure that the margins are within the printable area of the page.
➔ [“Printable area” on page 127](#)
- ❑ Make sure the printer driver settings are appropriate for the paper size you are using.
For Windows, check the Main window.
For Mac OS X, check the Page Setup dialog box or Print dialog box.
- ❑ Uninstall the printer driver, then reinstall it.
➔ [“Uninstalling Your Software” on page 100](#)

Troubleshooting for Printing/Copying

Printout has a slight slant

- ❑ Make sure that the paper is loaded into the paper cassette correctly.
 - ➔ [“Loading Paper” on page 21](#)
- ❑ If **Fast Economy** is selected for **Paper & Quality Options** in the printer driver Advanced window (Windows) or for **Print Quality** (Mac OS X) in **Print Settings**, select another setting.

Size or position of copied image is incorrect

- ❑ Make sure the paper size, layout, or reduce/enlarge setting selected in the control panel matches the paper used.
- ❑ If the edges of the copy are cropped off, move the original slightly away from the corner.
- ❑ Clean the scanner glass.
 - ➔ [“Cleaning the exterior of the product” on page 97](#)

Inverted image

- ❑ For Windows, clear the **Mirror Image** check box from the Page Layout window of your printer driver, or turn off the Mirror Image setting in your application.
For Mac OS X, clear the **Mirror Image** check box in **Print Settings** in the Print dialog box of your printer driver, or turn off the Mirror Image setting in your application.
For instructions, see the online help for your printer driver or for your application.
- ❑ Uninstall the printer driver, then reinstall it.
 - ➔ [“Uninstalling Your Software” on page 100](#)

Blank pages print

- ❑ Make sure the printer driver settings are appropriate for the paper size you are using.
For Windows, check the Main window.
For Mac OS X, check the Page Setup dialog box or Print dialog box.
- ❑ For Windows, check the **Skip Blank Page** setting by clicking the **Extended Settings** button on the Maintenance window of the printer driver.
For Mac OS X, select **On** from the Skip Blank Page. To display the Skip Blank Page, click through the following menus: **System Preferences**, **Print & Scan** (for Mac OS X 10.8 or 10.7) or **Print & Fax** (for Mac OS X 10.6 or 10.5), your product (in the Printers list box), **Options & Supplies**, and then **Driver**.
- ❑ Uninstall the printer driver, then reinstall it.
 - ➔ [“Uninstalling Your Software” on page 100](#)

Printed side is smeared or scuffed

- ❑ If the paper is curled toward the printable side, flatten it or curl it slightly in the opposite direction.
- ❑ Make several copies without placing a document on the scanner glass.
 - ➔ [“Cleaning the interior of the product” on page 98](#)

Troubleshooting for Printing/Copying

- ❑ Uninstall the printer driver, then reinstall it.
➔ [“Uninstalling Your Software” on page 100](#)

Printing is too slow

- ❑ Make sure the paper type selected in the LCD menu or printer driver is appropriate for the type of paper loaded in the product.
➔ [“Selecting Paper” on page 17](#)
- ❑ For Windows, clear all customized settings and select **Text** as the Quality Option from your printer driver's Main window.
For Mac OS X, choose a lower Print Quality in the Print Settings dialog box from your printer driver's Print dialog box.
➔ [“Accessing the printer driver for Windows” on page 32](#)
➔ [“Accessing the printer driver for Mac OS X” on page 33](#)
- ❑ Close any unnecessary applications.
- ❑ If you print continuously for an extended period, the printing may be extremely slow. This is to slow down the printing speed and prevent the product mechanism from overheating and being damaged. If this happens, you can continue to print, but we recommend stopping and leaving the product idle for at least 30 minutes with the power on. (The product does not recover with the power off.) After you restart, the product will print at normal speed.
- ❑ Uninstall the printer driver, then reinstall it.
➔ [“Uninstalling Your Software” on page 100](#)

If you try all of the methods above and cannot solve the problem, see the following:

- ➔ [“Increasing the Print Speed \(For Windows Only\)” on page 119](#)

Paper Does Not Feed Correctly

Paper does not feed

Remove the stack of paper and make sure of the following:

- ❑ You have inserted the paper cassette all the way into the product.
- ❑ The paper is not curled or creased.
- ❑ The paper is not too old. See the instructions that came with the paper for more information.
- ❑ For plain paper, do not load paper above the line just under the ▼ or ≡ arrow mark inside the edge guide. For Epson special media, make sure the number of sheets is less than the limit specified for the media.
➔ [“Selecting Paper” on page 17](#)
- ❑ Paper is not jammed inside the product. If it is, remove the jammed paper.
➔ [“Paper Jams” on page 108](#)
- ❑ The ink cartridges are not expended. If a cartridge is expended, replace it.
➔ [“Replacing an ink cartridge” on page 85](#)

Troubleshooting for Printing/Copying

- You have followed any special loading instructions that came with your paper.

Multiple pages feed

- For plain paper, do not load paper above the line just under the ▼ or ▲ arrow mark inside the edge guide. For Epson special media, make sure the number of sheets is less than the limit specified for the media.
➔ [“Selecting Paper” on page 17](#)
- Make sure the edge guides are snug against the edges of the paper.
- Make sure the paper is not curled or folded. If so, flatten it or curl it slightly toward the opposite side before loading.
- Remove the stack of paper and make sure that the paper is not too thin.
➔ [“Paper” on page 126](#)
- Fan the edges of the stack to separate the sheets, then reload the paper.
- If too many copies of a file are being printed, check the Copies setting in your printer driver as follows, and also check in your application.
For Windows, check the Copies setting on the Page Layout window.
Mac OS X, check the Copies setting in the Print dialog.

Paper is improperly loaded

If you have loaded the paper too far into the product, the product cannot feed the paper correctly. Turn the product off and gently remove the paper. Then turn the product on and reload the paper correctly.

Paper is not ejected fully or is wrinkled

- If the paper does not eject fully, press ⬠ to eject the paper. If the paper is jammed inside the product, remove it by referring to the following section.
➔ [“Paper Jams” on page 108](#)
- If the paper is wrinkled when it comes out, it may be damp or too thin. Load a new stack of paper.

Note:

Store any unused paper in its original packaging in a dry area.

The Product Does Not Print

All lights are off

- Press ⏻ to make sure the product is on.
- Make sure that the power cord is securely plugged in.

Troubleshooting for Printing/Copying

- ❑ Make sure that your outlet works and is not controlled by a wall switch or timer.

Lights came on and then went out

The product's voltage may not match the outlet rating. Turn off the product and unplug it immediately. Then check the label on the back of the product.

**Caution:**

If the voltage does not match, DO NOT PLUG YOUR PRODUCT BACK IN. Contact your dealer.

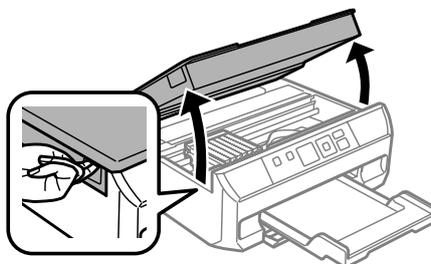
Only the power light is on

- ❑ Turn off the product and computer. Make sure the product's interface cable is securely plugged in.
- ❑ If you are using the USB interface, make sure your cable meets the USB or Hi-Speed USB standards.
- ❑ If you are connecting the product to your computer via a USB hub, connect the product to the first-tier hub from your computer. If the printer driver is still not recognized on your computer, try to directly connect the product to your computer without the USB hub.
- ❑ If you are connecting the product to your computer via a USB hub, make sure the USB hub device is recognized by your computer.
- ❑ If you are trying to print a large image, your computer may not have enough memory. Try reducing the resolution of your image or printing the image at a smaller size. You may need to install more memory in your computer.
- ❑ Users of Windows can clear any stalled print jobs from the Windows Spooler.
 - ➔ ["Canceling Printing" on page 38](#)
- ❑ Uninstall the printer driver, then reinstall it.
 - ➔ ["Uninstalling Your Software" on page 100](#)

An ink error is indicated after you replace the cartridge

1

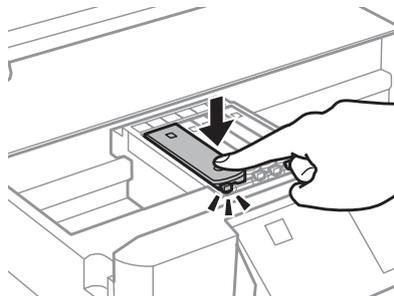
Open the scanner unit.

**Important:**

Do not touch the white flat cable inside the product.

Troubleshooting for Printing/Copying

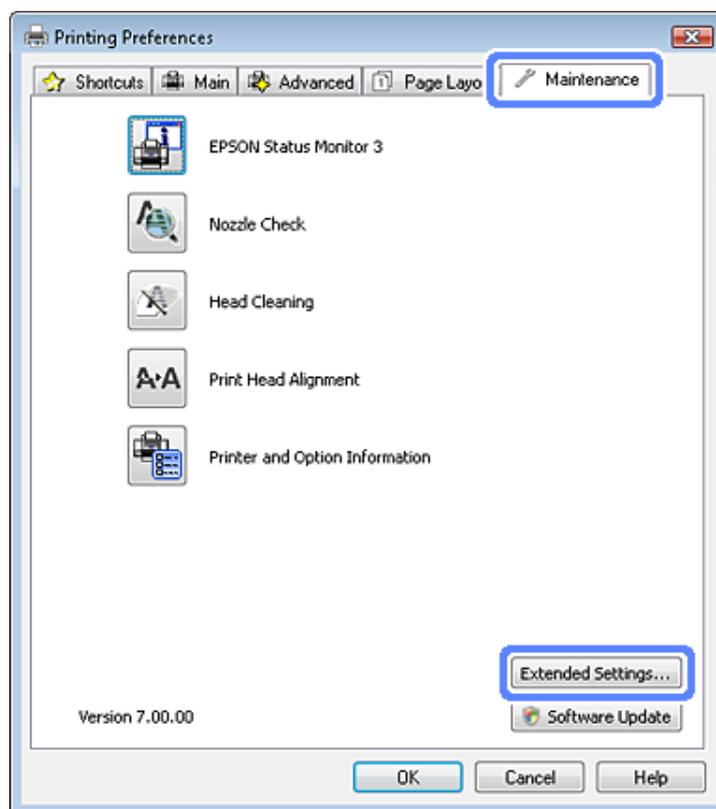
- 2 Make sure the ink cartridge holder is at the ink cartridge replacement position.
- 3 Remove and reinsert the ink cartridge and then continue with the ink cartridge installation.



- 4 Close the scanner unit slowly.
- 5 Follow the on-screen instruction.

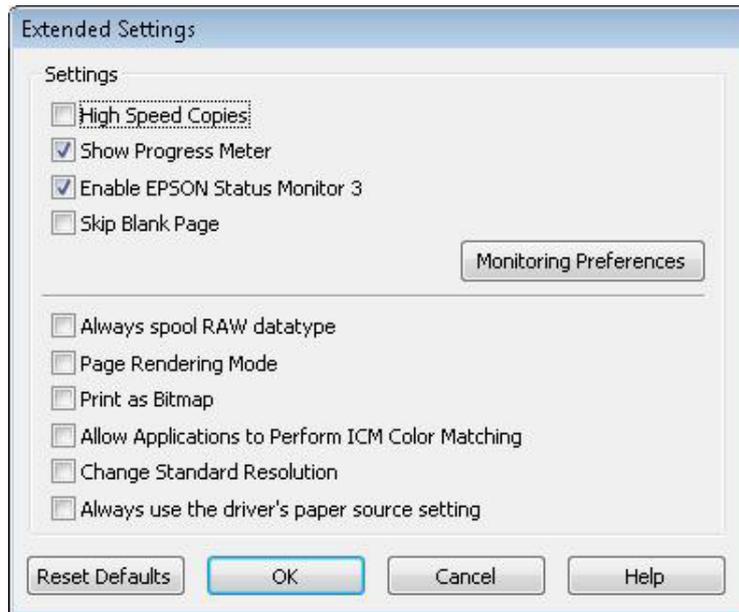
Increasing the Print Speed (For Windows Only)

Print speed may be increased by selecting certain settings in the Extended Settings window when the printing speed is slow. Click the **Extended Settings** button on your printer driver's Maintenance window.



Troubleshooting for Printing/Copying

The following dialog box appears.



Select the following check boxes and print speed may be increased.

- High Speed Copies
- Always spool RAW datatype
- Page Rendering Mode
- Print as Bitmap

For more details on each item, see the online help.

Troubleshooting for Scanning

Problems Indicated by Messages on the LCD screen or Status Light

- ❑ Make sure the product is connected to your computer properly.
- ❑ Turn off the product and turn it on again. If the problem is not solved, the product may be malfunctioning, or the light source in the scanner unit may need to be replaced. Contact your dealer.
- ❑ Make sure the scanning software is fully installed.
See the paper manual for instructions on installing the scanning software.

Problems When Starting a Scan

- ❑ Check the status light and make sure the product is ready to scan.
- ❑ Make sure your cables are securely connected to the product and a working electrical outlet.
If necessary, test your product's AC adapter by plugging in another electrical device and turning it on.
- ❑ Turn off the product and computer, and then check the interface cable connection between them to make sure it is secure.
- ❑ Make sure you select the correct product if a scanner list appears when starting to scan.

Windows:

When you start Epson Scan using the EPSON Scan icon, and the Select Scanner list is displayed, make sure you select the model of your product.

Mac OS X:

When you start Epson Scan from the Applications folder and the Select Scanner list is displayed, make sure you select the model of your product.

- ❑ Connect the product directly to the computer's external USB port or through one USB hub only. The product may not work properly when connected to the computer through more than one USB hub. If the problem persists, try connecting the product directly to the computer.
- ❑ If more than one product is connected to your computer, it may not work. Connect only the product you want to use, and then try scanning again.
- ❑ If the scanning software does not work properly, uninstall the software first and then reinstall it as described in the paper manual.
➔ [“Uninstalling Your Software” on page 100](#)

Using the button

Note:

Depending on the product, the scanning function may not be available when using the button.

- Check if you have assigned a program to the button.
 - ➔ [“Starting Epson Event Manager” on page 70](#)
- Make sure Epson Scan and Epson Event Manager are installed correctly.
- If you have clicked the **Keep Blocking** button in the Windows Security Alert window during or after installation of the Epson Software, unblock Epson Event Manager.
 - ➔ [“How to unblock Epson Event Manager” on page 122](#)

How to unblock Epson Event Manager

1

Click **Start** or the start button, and then point to **Control Panel**.

For Windows 8:

Select **Desktop**, **Settings** charm, and **Control Panel**.

2

Do one of the following.

- Windows 8 and Windows 7:
Select **System and Security**.
- Windows Vista:
Select **Security**.
- Windows XP:
Select **Security Center**.

3

Do one of the following.

- Windows 8, Windows 7 and Windows Vista:
Select **Allow a program through Windows Firewall**.
- Windows XP:
Select **Windows Firewall**.

4

Do one of the following.

- Windows 8 and Windows 7:
Confirm that the check box for **EEventManager Application** is selected in the Allowed programs and features list.
- Windows Vista:
Click the **Exceptions** tab, and then confirm that the check box for **EEventManager Application** is selected in the Program or port list.

Troubleshooting for Scanning

- ❑ Windows XP:
Click the **Exceptions** tab, and then confirm that the check box for **EEventManager Application** is selected in the Programs and Services list.

5

Click OK.

Using scanning software other than Epson Scan driver

- ❑ If you are using any TWAIN-compliant programs, make sure that the correct product is selected as the Scanner or Source setting.
- ❑ If you cannot scan using any TWAIN-compliant scanning programs, uninstall the TWAIN-compliant scanning program and then reinstall it.
➔ [“Uninstalling Your Software” on page 100](#)

Problems When Feeding Paper

The paper gets dirty

You may need to clean the product.

➔ [“Cleaning the Product” on page 97](#)

Multiple sheets of paper are fed

You may need to clean the product.

➔ [“Cleaning the Product” on page 97](#)

Problems With Scanning Time

Scanning at a high resolution takes a long time.

Problems With Scanned Images

Scan quality is unsatisfactory

Scan quality can be improved by changing the current settings or adjusting the scanned image.

➔ [“Image Adjustment Features” on page 50](#)

An image on the back of your original appears in your scanned image

If your original is printed on thin paper, images on the back may be visible to the product and appear in your scanned image. Try scanning the original with a piece of black paper placed on the back of it. Also make sure the Document Type and Image Type settings are correct for your original.

Troubleshooting for Scanning

Characters are blurred

- In Office Mode or Home Mode, select the **Text Enhancement** check box.
- Adjust the Threshold setting.

Home Mode:

Select **Black&White** as the Image Type setting, click the **Brightness** button, and then try adjusting the Threshold setting.

Office Mode:

Select **Black&White** as the Image Type setting, and then try adjusting the Threshold setting.

Professional Mode:

Select **Black & White** as the Image Type setting.

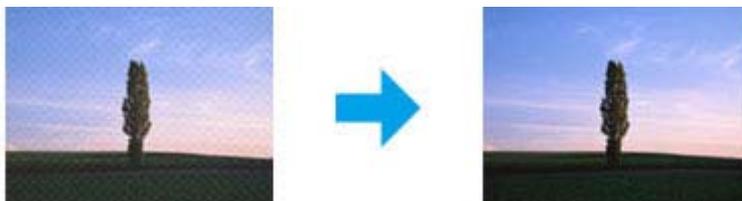
- Increase the resolution setting.

Characters are not recognized correctly when converted into editable text (OCR)

Place the document so that it is straight on the scanner glass. If the document is skewed, it may not be recognized correctly.

Ripple patterns appear in your scanned image

A ripple or cross-hatch pattern (known as moiré) may appear in a scanned image of a printed document.



- When scanning your document using the scanner glass, try moving your document.
- Select **Descreening** as the image quality setting.
- Change a resolution setting and scan again.

Uneven color, smears, dots, or straight lines appear in your image

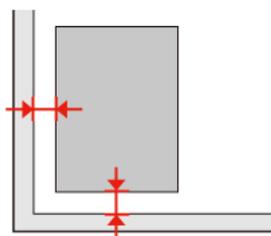
You may need to clean the interior of the product.

➔ [“Cleaning the Product” on page 97](#)

The scanning area or direction is unsatisfactory

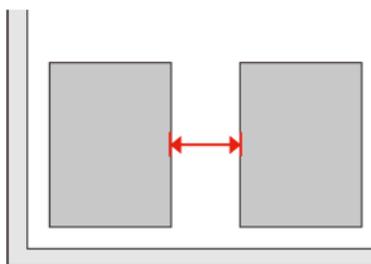
The edges of your original are not scanned

- ❑ If you are scanning in Full Auto Mode, or using thumbnail preview in Home Mode or Professional Mode, move the document or photo 6 mm (0.2 inch) away from the horizontal and vertical edges of the scanner glass to avoid cropping.
- ❑ If you are scanning using the button or using normal preview in Office Mode, Home Mode, or Professional Mode, move the document or photo about 3 mm (0.12 inch) away from the horizontal and vertical edges of the scanner glass to avoid cropping.



Multiple documents are scanned into a single file

Position documents at least 20 mm (0.8 inch) apart from each other on the scanner glass.



Cannot scan the area you want

Depending on the documents, you may not be able to scan the area you want. Use normal preview in Office Mode, Home Mode, or Professional Mode and create marquees on the area you want to scan.

Cannot scan in the direction you want

Click **Configuration**, select the **Preview** tab, and then clear the **Auto Photo Orientation** check box. Then, place your documents correctly.

Problems Remain After Trying All Solutions

If you have tried all the solutions and have not solved the problem, initialize the Epson Scan settings.

Click **Configuration**, select the **Other** tab, and then click **Reset All**.

Product Information

System Requirements

For Windows

System	PC Interface
Windows 8 (32-bit, 64 bit), 7 (32-bit, 64-bit), Vista (32-bit, 64-bit), XP SP1 or higher (32-bit), or XP Professional x64 Edition	Hi-Speed USB

For Mac OS X

System	PC Interface
Mac OS X 10.5.8, 10.6.x, 10.7.x, 10.8.x	Hi-Speed USB

Note:

The UNIX File System (UFS) for Mac OS X is not supported.

Technical Specifications

Note:

Specifications are subject to change without notice.

Printer specifications

Paper path	Paper cassette, front entry
Capacity	11.0 mm

Paper

Note:

- Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, Epson cannot attest to the quality of any non-Epson brand or type of paper. Always test samples of paper stock before purchasing large quantities or printing large jobs.*
- Poor quality paper may reduce print quality and cause paper jams or other problems. If you encounter problems, switch to a higher grade of paper.*

Product Information

Single sheets:

Size	A4 210 × 297 mm 10 × 15 cm (4 × 6 in.) 13 × 18 cm (5 × 7 in.) A6 105 × 148 mm A5 148 × 210 mm B5 182 × 257 mm 9 × 13 cm (3.5 × 5 in.) 13 × 20 cm (5 × 8 in.) 20 × 25 cm (8 × 10 in.) 16:9 wide size (102 × 181 mm) 100 × 148 mm Letter 8 1/2 × 11 in. Legal 8 1/2 × 14 in.
Paper types	Plain paper or special paper distributed by Epson
Thickness (for plain paper)	0.08 to 0.11 mm (0.003 to 0.004 in.)
Weight (for plain paper)	64 g/m ² (17 lb) to 90 g/m ² (24 lb)

Envelopes:

Size	Envelope #10 4 1/8 × 9 1/2 in. Envelope DL 110 × 220 mm Envelope C6 114 × 162 mm
Paper types	Plain paper
Weight	75 g/m ² (20 lb) to 90 g/m ² (24 lb)

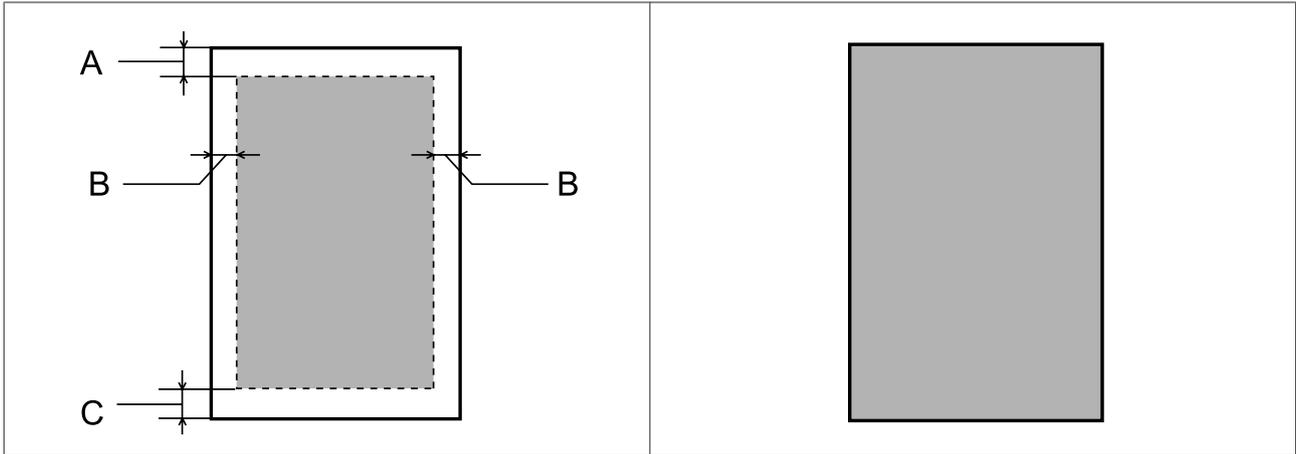
Printable area

Highlighted portions show printable area.

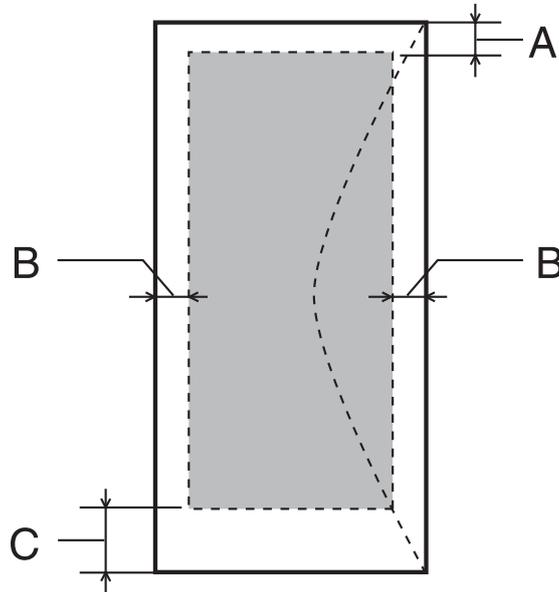
Single sheets:

Normal	Borderless
---------------	-------------------

Product Information



Envelopes:



Media type	Minimum margin	
	Single sheets	Envelopes
A	3.0 mm (0.12 in.)	3.0 mm (0.12 in.)
B	3.0 mm (0.12 in.)	5.0 mm (0.20 in.)
C	3.0 mm (0.12 in.)	21.0 mm (0.83 in.)

Note:

Depending on the type of paper, print quality may decline in the top and bottom areas of the print, or the area may be smeared.

Scanner specifications

Scanner type	Flatbed color
--------------	---------------

Product Information

Photoelectric device	CIS
Document size	216 × 297 mm (8.5 × 11.7 inches) A4 or US letter size
Scanning resolution	1200 dpi (main scan) 2400 dpi (sub scan)
Output resolution	50 to 4800, 7200, and 9600 dpi (50 to 4800 dpi in 1 dpi increments)
Image data	16 bits per pixel per color internal 8 bits per pixel per color external (maximum)
Light source	LED

Network interface specification

Wi-Fi	Standard:	IEEE 802.11b/g/n* ¹
	Security:	WEP (64/128bit) WPA-PSK (TKIP/AES)* ²
	Frequency Band:	2.4 GHz
	Communication Mode:	Infrastructure, Ad hoc Wi-Fi Direct

*1 Complies with either IEEE 802.11b/g/n or IEEE 802.11b/g depending on location of purchase.

*2 Complies with WPA2 with support for WPA/WPA2 Personal.

Photo data specifications

Digital camera	DCF (Design rule for Camera File system) version 1.0 or 2.0 compliant.
File format	JPEG with the Exif Version 2.3 standard
Image size	80 × 80 pixels to 10200 × 10200 pixels

Mechanical

Dimensions	Storage Width: 390 mm (15.4 inches) Depth: 338 mm (13.3 inches) Height: 163 mm (6.4 inches)
	Printing* Width: 390 mm (15.4 inches) Depth: 504 mm (19.8 inches) Height: 163 mm (6.4 inches)

Product Information

Weight	Approx. 5.9 kg (13.0 lb) without the ink cartridges and the power cord.
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* With the output tray extension extended.

Electrical

		220-240 V Model
Input voltage range		198 to 264 V
Rated frequency range		50 to 60 Hz
Input frequency range		49.5 to 60.5 Hz
Rated current		0.35 A
Power consumption	Standalone copying	Approx. 17 W (ISO/IEC24712)
	Ready mode	Approx. 6.0 W
	Sleep mode	Approx. 1.3 W
	Power off	Approx. 0.4 W

Note:

- Check the label on the back of the product for its voltage.
- For users in Belgium, power consumption when copying may vary. Check <http://www.epson.be> for the latest specifications.

Environmental

Temperature	Operation: 10 to 35 °C (50 to 95 °F) Storage: -20 to 40 °C (-4 to 104 °F) 1 month at 40 °C (104 °F)
Humidity	Operation: * 20 to 80% RH Storage: * 5 to 85% RH

* Without condensation

Standards and approvals

U.S. model:

Safety	UL60950-1 CAN/CSA-C22.2 No.60950-1
---------------	---------------------------------------

Product Information

EMC	FCC Part 15 Subpart B Class B CAN/CSA-CEI/IEC CISPR 22 Class B
------------	---

This equipment contains the following wireless module.

Manufacture: Askey Computer Corporation

Type: WLU6117-D69 (RoHS)

This product conforms to Part 15 of the FCC Rules and RSS-210 of the IC Rules. Epson cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

European model:

Low voltage directive 2006/95/EC	EN60950-1
EMC directive 2004/108/EC	EN55022 Class B EN61000-3-2 EN61000-3-3 EN55024
R&TTE directive 1999/5/EC	EN300 328 EN301 489-1 EN301 489-17 EN60950-1

For European users:

We, Seiko Epson Corporation, hereby declare that the equipment Model, C491F is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

For use only in Ireland, UK, Austria, Germany, Liechtenstein, Switzerland, France, Belgium, Luxemburg, Netherlands, Italy, Portugal, Spain, Denmark, Finland, Norway, Sweden, Iceland, Cyprus, Greece, Slovenia, Malta, Bulgaria, Czech, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, and Slovakia.

Epson can not accept responsibility for any failure to satisfy the protection requirements resulting a non-recommended modification of the products.



Australian model:

EMC	AS/NZS CISPR22 Class B
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Epson hereby declares that the equipment Model, C491F is in compliance with the essential requirements and other relevant provisions of AS/NZS4268. Epson cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product.

Interface

Hi-Speed USB (Device Class for computers)

Where To Get Help

Technical Support Web Site

Epson's Technical Support Web Site provides help with problems that cannot be solved using the troubleshooting information in your product documentation. If you have a Web browser and can connect to the Internet, access the site at:

<http://support.epson.net/>
<http://www.epson.eu/Support> (Europe)

If you need the latest drivers, FAQs, manuals, or other downloadables, access the site at:

<http://www.epson.com>
<http://www.epson.eu/Support> (Europe)

Then, select the support section of your local Epson Web site.

Contacting Epson Support

Before Contacting Epson

If your Epson product is not operating properly and you cannot solve the problem using the troubleshooting information in your product documentation, contact Epson support services for assistance. If Epson support for your area is not listed below, contact the dealer where you purchased your product.

Epson support will be able to help you much more quickly if you give them the following information:

- Product serial number
(The serial number label is usually on the back of the product.)
- Product model
- Product software version
(Click **About**, **Version Info**, or similar button in the product software.)
- Brand and model of your computer
- Your computer operating system name and version
- Names and versions of the software applications you normally use with your product

Note:

Depending on the product, the dial list data for fax and/or network settings may be stored in the product's memory. Due to breakdown or repair of a product, data and/or settings may be lost. Epson shall not be responsible for the loss of any data, for backing up or recovering data and/or settings even during a warranty period. We recommend that you make your own backup data or take notes.

Help for Users in Europe

Check your **Pan-European Warranty Document** for information on how to contact Epson support.

Help for Users in Australia

Epson Australia wishes to provide you with a high level of customer service. In addition to your product documentation, we provide the following sources for obtaining information:

Your Dealer

Don't forget that your dealer can often help identify and resolve problems. The dealer should always be the first call for advise on problems; they can often solve problems quickly and easily as well as give advise on the next step to take.

Internet URL <http://www.epson.com.au>

Access the Epson Australia World Wide Web pages. Worth taking your modem here for the occasional surf! The site provides a download area for drivers, Epson contact points, new product information and technical support (e-mail).

Epson Helpdesk

Epson Helpdesk is provided as a final backup to make sure our clients have access to advice. Operators on the Helpdesk can aid you in installing, configuring and operating your Epson product. Our Pre-sales Helpdesk staff can provide literature on new Epson products and advise where the nearest dealer or service agent is located. Many types of queries are answered here.

The Helpdesk numbers are:

Phone: 1300 361 054

Fax: (02) 8899 3789

We encourage you to have all the relevant information on hand when you ring. The more information you prepare, the faster we can help solve the problem. This information includes your Epson product documentation, type of computer, operating system, application programs, and any information you feel is required.

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