

Epson Stylus® Photo R3000

User's Guide

NPD4330-00 EN

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Introduction

Important Safety Instructions

Read all of these instructions before using the printer. Also be sure to follow all warnings and instructions marked on the printer.

When choosing a place for this product

- ☐ Place this product on a flat, stable surface that is larger than this product. This product will not operate properly if it is tilted or at an angle.
- Avoid places subject to rapid changes in temperature and humidity. Also keep it away from direct sunlight, strong light, or heat sources.
- ☐ Avoid places subject to shocks and vibrations.
- ☐ Keep this product away from dusty areas.
- ☐ Place this product near a wall outlet where the plug can be easily unplugged.
- ☐ When storing or transporting the printer, do not tilt it, stand it on its side, or turn it upside down.

 Otherwise, ink may leak from the cartridges.

When setting up this product

- ☐ Do not block or cover the openings in this product's cabinet.
- ☐ Do not insert objects through the slots. Take care not to spill liquid on this product.
- ☐ This product's power cord is for use with this product only. Use with other equipment may result in fire or electric shock.
- ☐ Connect all equipment to properly grounded power outlets. Avoid using outlets on the same circuit as copiers 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.
- Use only the type of power source indicated on the product's label.
- ☐ Use only the power cord that comes with this product. Use of another cord may result in fire or electric shock.
- ☐ Do not use a damaged or frayed power cord.
- ☐ If you use an extension cord with this product, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- ☐ Do not attempt to service this product yourself.
- ☐ Unplug this 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 cabinet damaged; the product does not operate normally or exhibits a distinct change in performance.

☐ If you plan to use the printer in Germany, observe the following:

To provide adequate short-circuit protection and over-current protection for this printer, the building installation must be protected by a 10 or 16 amp circuit breaker.

- ☐ If damage occurs to the plug, replace the cord set or consult a qualified electrician. If there are fuses in the plug, make sure you replace them with fuses of the correct size and rating.
- ☐ When connecting the printer 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.

When using this product

- ☐ Do not put your hand inside this product or touch the ink cartridges during printing.
- Do not move the print heads by hand; otherwise you may damage this product.
- Always turn the product off using the Power button on the control panel. When this button is pressed, the Power light flashes briefly then goes off. Do not unplug the power cord or turn off the product until the Power light stops flashing.

Using the printer 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.
- ☐ Keep this product at least 22 cm away from cardiac pacemakers. Radio waves from this product may adversely affect the operation of cardiac pacemakers.
- ☐ 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.

When handling the ink cartridges

- ☐ Keep ink cartridges out of the reach of children and do not drink.
- ☐ If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately.
- ☐ Shake new ink cartridges four or five times before opening their packages.
- Do not shake ink cartridges after opening their packages; this can cause leakage.

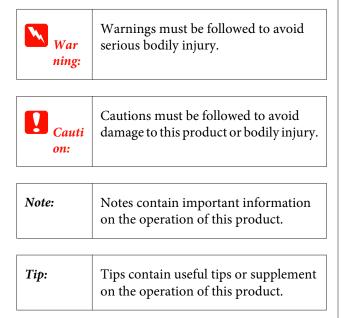
- ☐ Use the ink cartridge before the date printed on its package.
- ☐ Use up the ink cartridge within six months of installation for best results.
- ☐ Do not dismantle the ink cartridges or try to refill them. This could damage the print head.
- ☐ Do not touch the green IC chip on the side of the cartridge. This may affect normal operation and printing.
- ☐ The IC chip on this ink cartridge retains a variety of cartridge-related information, such as the ink cartridge status, so that the cartridge may be removed and reinserted freely. However, each time the cartridge is inserted, some ink is consumed because the printer automatically performs a reliability check.
- ☐ If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust, and store it in the same environment as this product. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink supply port or surrounding area.
- ☐ Do not remove or tear the label on the cartridge; this can cause leakage.
- ☐ Install the ink cartridge immediately after you remove it from its package. If you leave a cartridge unpacked for a long time before using it, normal printing may not be possible.
- ☐ Store ink cartridges with their labels facing upward. Do not store cartridges upside down.

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.

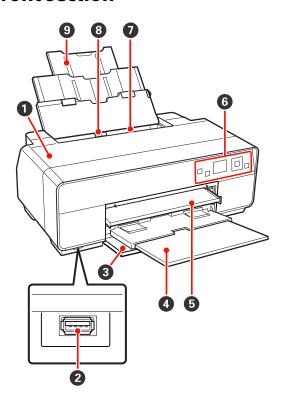
☐ If the LCD screen is damaged, contact your dealer. If the liquid crystal solution gets on your hands, wash them thoroughly with soap and water. If the liquid crystal solution gets into your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately.

Warning, Cautions, Notes and Tips



Printer Parts

Front section



Printer cover

Open when replacing ink cartridge, cleaning the inside of the printer, or removing jammed paper. The cover is normally closed when the printer is in

Connector for external devices

Use a USB cable to connect digital cameras and other PictBridge-compatible devices.

3 Front cover

Open before pulling out the front manual feed tray or output trays.

4 Output tray

Ejected paper is collected here. Extend the tray when using the printer.

5 Front manual feed tray

Press the center of the tray and pull it out to load fine art media, poster board, or the CD/DVD tray.

6 Control panel

△ "Control panel" on page 11

Auto sheet feeder

Automatically feeds paper.

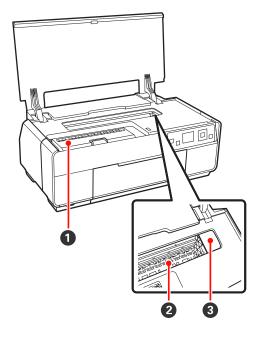
8 Edge guide

Move left and right depending on the size of the paper that you want to load. This prevents paper being fed at a slant.

Paper support

Supports paper to prevent it from falling forward or backward.

Inside



1 Cartridge cover

Open when replacing ink cartridges.

△ "Replacing Ink Cartridges" on page 92

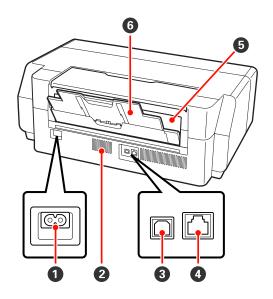
2 Ink absorber

Absorbs ink that bleeds past the edge of the paper during borderless printing.

3 Print head

Fires ink via high density nozzles while moving left and right to print. Do not move the print head by hand.

Back



AC inlet

Connects the power cable.

2 Airflow vents

Prevent the build-up of heat inside the printer.

USB connector

Connects the USB cable.

4 LAN connector

Connects the LAN cable.

6 Roll paper feeder

Paper feed slot for roll paper printing.

△ "Loading Roll Paper" on page 26

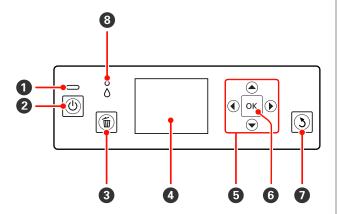
6 Rear support

Use when loading fine art media or roll paper.

T "Loading Fine Art Media" on page 22

△ "Loading Roll Paper" on page 26

Control panel



• U light (power light)

The printer's operational status is indicated by a lit or flashing light.

On : The power is on.

Flashi: The light flashes to indicate that an error

ng has occurred.

Off: The power is off.

② ⁽⁾ button (power button)

Turns the power on and off.

3 must button (cancel button)

Press during printing to cancel printing.

4 Screen

Displays the printer's status, menus, error messages, and so on. Screen View on page 12

⑤ △, **⋖**, **▼**, **▶** buttons

Select settings and other items.

6 OK button

Execute the selected action or set the selected value.

2 5 button (back button)

Press to return to the previous screen while the Menu is displayed.

③ △ light (ink check light)

The ink status is indicated by a lit or flashing light.

On : Indicates errors such as an installed ink cartridge is expended, an ink cartridge is not installed, or a wrong ink cartridge is installed. Check the contents of the error on the control panel's screen.

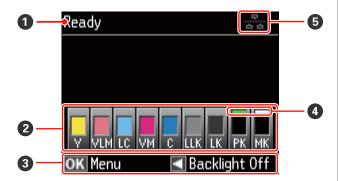
Flashi: Ink is running low or an error has occurred. ng The type of error is shown by an ink

cartridge icon or a message.

Screen View on page 12

Off: No error.

Screen View



Message

Displays printer's status, operations, and error messages.

2 Ink Cartridge Status

Displays the approximate level of remaining ink and the current status.

The ink cartridge icons change as follows when the ink is low or an error occurs.



There is sufficient ink and printing is possible.



Ink is low. You need to prepare a new ink cartridge. We recommend replacing the ink cartridge as soon as possible because the ink may be expended while printing.



: An error occurred. Check the message on the screen, and clear the error.

Ink color codes

Y : Yellow

VLM: Vivid Light Magenta

LC: Light Cyan

VM: Vivid Magenta

C : Cyan

LLK : Light Light Black

LK : Light Black

PK : Photo Black

MK : Matte Black

Tip:

The amount of ink remaining can be viewed from EPSON Status Monitor window in the printer driver. We recommended checking the remaining ink level before printing a large job, and preparing a new cartridge for any ink cartridges that are running low.

Windows △ "Summary of the Utility Tab" on page 42

Mac OS X 🗗 "Using Epson Printer Utility 4" on page 45

On-screen guide

Shows the buttons that can be used.

Type of black ink

The selected type of black ink is shown in green.

5 Computer connection status

The status of the printer's connection to the computer is shown as follows:



: Wired LAN is not connected, or the printer is connected via USB.



: Wired LAN connection.



Wireless LAN connection (infrastructure mode ¹). Signal strength is shown by the bars on the right. The greater the number of bars, the stronger the signal. Gray bars indicate that the printer cannot connect or detect a signal or that the printer is searching for a signal.



Wireless LAN connection (ad hoc mode 2).

- 1 Connection via an access point or broadband router.
- 2 A direct wireless connection that does not involve an access point.

Printer Features

This ink jet color printer supports A3+ paper.

The main features of this printer are described below.

Realizing High Resolution

Epson UltraChrome K3 ink with Vivid Magenta technology provides high-resolution printing to meet professional needs.

Enhancing Creative Expression with Rich Color Reproduction

Vivid Magenta and Vivid Light Magenta offers rich, detailed shading into blues and violets.

Printing Black and White Photos

Three different densities of black ink bring out delicate tone differences in black-and-white photographs.

The printer driver can be used to create richly shaded black-and-white prints directly from color image data without the use of imaging software.

Trinting Black and White Photos" on page 54

Providing two types of black ink to match the paper type

You can choose from Photo Black or Matte Black ink depending on the paper type. Photo Black ink provides a smooth finish to glossy photo papers. Matte Black ink increases black optical density for matte type papers.

This printer allows you to set both photo black ink and matte black ink and switch between them depending on the paper type.

Thanging the Type of Black Ink" on page 34

Balanced Color Reproduction Using the Epson LUT Technology

Epson LUT Technology (1) reduces color inconsistencies due to differences in lighting, (2) reproduces fine gradations, (3) reduces graininess, and (4) increases the gamut of colors for rich color reproduction while ensuring a excellent balance among all these parameters. This makes possible an overall increase in image quality and consistent color reproduction.

5760 × 1440 dpi Maximum Resolution, 2 pl Minimum Ink Dot Size

Print beautiful photographs with little graininess.

Long life prints

Pigment inks maintain more beautiful and more vibrant prints over a long period of time since their high water and ozone resistance and high light fastness prevent the inks from being broken down by light and ozone in the air.

Realizing High Productivity

Excellent color stability leads to efficient printing

The color stabilizes in a short time so it can safely be used for pre-press workflow and color editing, increasing work efficiency.

Superior Ease of Use

Improved operability with an easy to see and use color screen

The large and bright color screen displays the printer status such as the remaining ink level.

△ "Screen View" on page 12

The highly legible color screen makes error messages and other information easier to understand. It also provides instructions on loading fine art media and other operations.

Equipped for Wireless LANs

The wireless LAN feature that comes standard with the printer allows wireless printing from computers and compatible Wi-Fi devices.

Tip:

You may find print speeds to be insufficient on some wireless networks or when printing at A3 or other extremely large sizes. A physical connection is recommended when consistent print speeds are required.

Borderless printing function

You can print with no margins for all directions with both auto expand or retain size print settings.
*Borderless printing" on page 57

Also included is a poster printing function that allows you to join the output paper together when performing borderless printing in order to create large posters and calendars. The "Poster Printing (Enlarge to cover several sheets and print - Windows only)" on page 67

Freely placing print data made by various applications using Layout Manager

This function allows you to place multiple print data made by different applications freely on one sheet to create posters and display articles.

"Layout Manager (Windows only)" on page 76

Improved energy efficiency with sleep mode and Power Off Timer

When no print jobs are being handled, or when no operation has been performed for some time, the printer enters sleep mode to reduce power consumption.

Furthermore, if the Power Off Timer function is enabled, the printer can automatically switch off to avoid wasting electricity. This function works if no print jobs are received and no operations are carried out on the control panel while the printer is not in an error status for a specified duration of time.

Turning Off the Power Using Power Off Timer" on page 35

Support for a Wide Variety of Paper Types

EPSON offers a wide variety of special media for high-quality printing. The printer can also print on poster board, roll paper, and inkjet-compatible CDs and DVDs.

These paper types can be loaded as described below.

☐ Cut sheet

Cut sheets are fed into the printer from the auto sheet feeder.

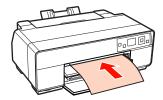
△ "Loading Paper into the Auto Sheet Feeder" on page 21



☐ Fine art media

Extend the rear support and load paper from the front manual feed tray.

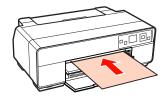
🗗 "Loading Fine Art Media" on page 22



☐ Poster board

Load from the front manual feed tray.

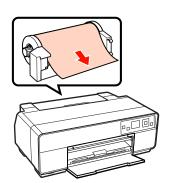
🗗 "Loading Poster Board" on page 24



☐ Roll paper

Install the roll paper holder on the back of the printer.

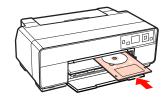
△ "Loading and Cutting Roll Paper" on page 26



☐ CDs/DVDs

Use the CD/DVD tray to load CDs and DVDs from the front manual feed tray.

"Loading and Removing CDs and DVDs" on page 28



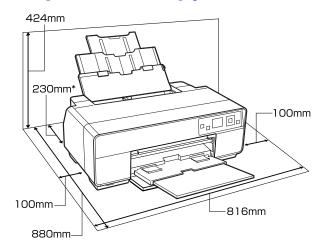
Notes on Usage and Storage

Installation space

Make sure that you secure the following space, clear of any other objects, so that paper ejection and consumable replacement are not obstructed.

See the "Specifications Table" for the external dimensions of the printer.

△ "Specifications Table" on page 112



* When printing on poster board, leave a space of at least 320 mm in behind the printer.

Notes when using the printer

Note the following points when using this printer to avoid breakdowns, malfunctions, and print quality decline.

☐ When using the printer, observe the operating temperature and humidity range described in the "Specifications Table". ☐ "Specifications Table" on page 112

Even when the conditions above are met, you may not be able to print properly if the environmental conditions are not suitable for the paper. Be sure to use the printer in an environment where the paper's requirements are met. For more details, see the manual supplied with the paper.

Also, when operating in dry areas, air conditioned environment, or under direct sunlight, maintain the appropriate humidity.

- ☐ Capping may not occur (the print head is not positioned on the right-hand side) if the printer is turned off during a paper jam or when an error occurs. Capping is a function for automatically covering the print head with a cap (lid) to prevent the print head from drying out. In this case, turn on the power and wait a while until capping is performed automatically.
- ☐ When the power is on, do not remove the power plug or cut the power at the breaker. The print head may not be capped properly. In this case, turn on the power and wait a while until capping is performed automatically.
- ☐ Do not move the print head by hand; otherwise, the printer may be damaged.

Notes when not using the printer

If you are not using it, note the following points when storing the printer. If it is not stored correctly, you may not be able to print properly the next time it is used.

- ☐ When storing the printer leave the ink cartridges installed and keep the printer level. Do not tilt or invert the printer or stand it on end.
- ☐ If you do not print for a long time, the print head nozzles may become clogged. We recommend that you use the printer periodically to prevent the print head from clogging.
- ☐ If the paper is left in the printer, the roller of the paper presser may leave a mark on the surface of the paper. This can also cause wavy or curled paper resulting in paper feeding problems or the print head could be scratched. Remove any paper when storing.

_		
	Store the printer after confirming that the print head has been capped (the print head is positioned at the far right). If the print head is left uncapped for a long time, the print quality may decline.	Do not turn the printer off or open the cartridge cover during initial ink charging or head cleaning. Initial ink charging may not complete normally, making the printer unable to print.
Tip: If the print head is not capped, turn the printer on, and then turn it off.		Do not leave the printer without ink cartridges installed. If the print head (nozzles) dries, you may not be able to print.
	Before storing the printer, close the printer cover, output tray, paper support, and rear support. If you are not using the printer for a long time, put an anti-static cloth or cover on the printer to prevent dust. The print head nozzles are very small, and they can become clogged easily if fine dust gets on the print head, and you may not be able to print properly.	Because the green IC chip contains the cartridge's own information such as the remaining ink level, you can still reinstall and use the ink cartridge after removing it from the printer. Note, however, that you may not be able to reuse ink cartridges that contained very little ink when they were removed from the printer. Some ink may also be used to ensure reliable operation when the cartridges are reinserted.
	If you have not used the printer for a long time, check the print head for clogging before you start printing. Perform head cleaning if the print head is clogged. The "Checking for clogged nozzles" on page 90	Cartridges that still contain ink should be stored under the same conditions as the printer, with the nozzles down or to the side to prevent them becoming clogged with dust. Note that the ink supply port has a valve in it so it does not need to be capped.
N	otes on handling ink cartridges	Removed ink cartridges may have ink around the ink supply port, so be careful not to get any ink on the surrounding area.
Note the following points when handling ink cartridges to maintain good print quality.	To maintain the quality of the print head, this printer stops printing before ink cartridges are completely expended.	
	performed after purchase, some ink is used to fil the print head nozzles to the tips and ready them f printing. As a result, the first ink cartridges install after purchase will print fewer pages than	Although the ink cartridges may contain recyc
	printing. As a result, the first ink cartridges installed after purchase will print fewer pages than	materials, this does not effect printer function or
	printing. As a result, the first ink cartridges installed after purchase will print fewer pages than subsequent cartridges.	materials, this does not effect printer function or
	printing. As a result, the first ink cartridges installed after purchase will print fewer pages than subsequent cartridges. We recommend storing ink cartridges in a cool, dark place, and using them before the expiry date on the package. Use cartridges within six months of opening.	materials, this does not effect printer function or performance. Do not dismantle or remodel ink cartridges. You
	printing. As a result, the first ink cartridges installed after purchase will print fewer pages than subsequent cartridges. We recommend storing ink cartridges in a cool, dark place, and using them before the expiry date on the package. Use cartridges within six months of	materials, this does not effect printer function or performance. Do not dismantle or remodel ink cartridges. You may not be able to print properly. All colors of ink are used during head cleaning and other non-printing maintenance operations to ensure that the print heads remain in good

☐ When loading ink cartridges, be sure all colors are installed. The printer can only be used when all

colors are installed.

Notes on handling paper

Note the following points when handling and storing the paper. If the paper is not in good condition, print quality may decline.

Check the manuals supplied with each paper.

Notes on Handling

- ☐ Use Epson special media under normal room conditions (temperature: 15 to 25°C; humidity: 40 to 60%).
- ☐ Do not fold the paper or scratch the surface of the paper.
- Avoid touching the printable surface of the paper with your bare hands. Moisture and oils from your hands can affect print quality.
- ☐ Paper may be wavy or slack if the temperature and humidity change. Be careful not to scratch or soil the paper, and flatten it before loading it in the printer.
- ☐ Do not wet the paper.
- ☐ Do not throw away the paper packaging as you can use it for storing the paper.
- Avoid locations that are subject to direct sunlight, excessive heat, or humidity.
- ☐ Keep paper in their original package after opening, and keep them in a flat place.

Notes on handling printed paper

To maintain long lasting, high quality print results, note the following points.

- ☐ Do not rub or scratch the printed surface. If they are rubbed or scratched, the ink may peel off.
- ☐ Do not touch the printed surface; the ink may peel off.
- ☐ Make sure the print outs are completely dry before folding of stacking; otherwise, the color may change where they touch (leaves a mark). These marks will disappear if they are separated immediately and dried; however, they will remain if not separated.

- ☐ If you put the print outs in an album before they are completely dry, they may be blurred.
- ☐ Do not use a dryer to dry the print outs.
- ☐ Avoid direct sunlight.
- ☐ Prevent color distortion while displaying or storing the print outs by following the instructions in the paper's manual.
- ☐ To keep your printouts from discoloring, store them in a dark place, away from high temperatures, high humidity, and direct sunlight.

Tip:

Typically, print outs and photos fade over time (color distortion) due to the effects of light and various constituents in the air. This also applies to Epson special media. However, with the correct storage method, the degree of color distortion can be minimized.

- ☐ See the manuals supplied with Epson special media for detailed information on handling the paper after printing.
- ☐ The colors of photos, posters, and other printed materials appear different under different lighting conditions (light sources*). The colors of print outs from this printer may also appear different under different light sources.
 - * Light sources include sunlight, fluorescent light, incandescent light, and other types.

Introducing the Supplied Software

Contents of the Software Disc

To use this printer, install the printer driver from the supplied software disc.

In addition to the printer driver, the following software can be found on the supplied software disc.

The printer driver and the other software listed below will have already been installed if you selected **Easy Install** when setting up.

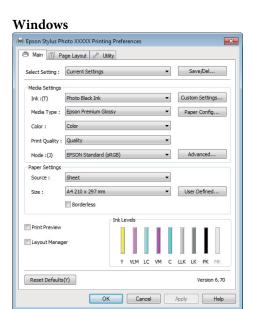
You can also separately reinstall each of these applications from the **Software List**.

Software Name	Summary
Printer Driver	
Epson Network Utility (Windows)	When the printer is connected to a computer via a network, this plug-in program acquires the status of the printer such as the remaining ink level, error status, and so on. The acquired information is displayed on the printer driver's Main screen and the EPSON Status Monitor 3 screen.
	△¬¬ "Summary of the Utility Tab" on page 42
	Normally, this software is installed with the printer driver. However, if the printer driver is installed without using the installer of the Software Disc, such as using the plug-and-play function of the OS, Epson Network Utility is not installed. In such a case, install Epson Network Utility from the Software List.
Easy Photo Print	Print selected photos quickly and easily. See the application's on-line help for more information.
Epson Print CD	Design labels for music, photo, or movie CDs and DVDs and print them directly on the discs. You can also design and print CD and DVD jackets.
	See the application's on-line help for more information.
EpsonNet Setup	With this software, you can configure various network settings for the printer from your computer.
EpsonNet Print (Windows)	With this software, you can perform direct TCP/IP printing when the computer and the printer are connected via a network. This software is automatically installed if LAN connection is specified in Easy Install; however, it is not installed if USB connection is specified.
Adobe ICC profiles (Windows)	Use as input profiles when required for color management.

Summary of the Printer Driver

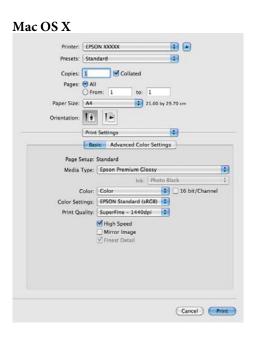
The main functions of the printer driver are described below.

- ☐ Converts print data received from applications into printable data and sends it to the printer.
- Allows the user to specify print settings such as the media type and paper size.



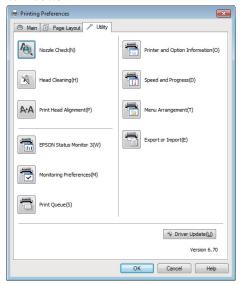
You can save these settings and easily import or export these saved settings.

 \triangle "Customizing the Printer Driver" on page 40



☐ Allows the user to execute printer maintenance functions to maintain print quality, and check the printer's status and so on.

Windows



You can easily import or export printer driver settings.

"Summary of the Utility Tab" on page 42



Basic Operations

Loading Cut Sheets

The method for loading cut sheets varies with the thickness of the paper. Three methods are available. In addition, the size of paper used varies with the loading method.

Auto sheet feeder	Paper thickness: 0.08 mm– 0.3 mm
	Paper size: Varies with paper type. See 🖅 "Supported Media" on page 107.
Front manual feed (fine art media)	Paper thickness: 0.3 mm– 0.7 mm
	Paper size: A4, A3, A3+, Letter
Front manual feed (poster board)	Paper thickness: 0.7 mm– 1.3 mm
	Paper size: A3+

Note

If the paper is wavy or curled, flatten the paper before loading it in the printer, or use new paper. If wavy or curled paper is loaded, this printer may not be able to recognize the paper size, feed the paper, or print correctly.

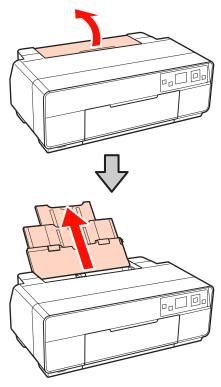
We recommend that you return the paper to its original package and store it flat, and take it out of the package just before you use it.

Loading Paper into the Auto Sheet Feeder

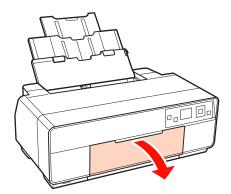
1

Turn on the printer.

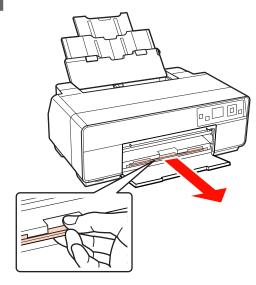
Open and fully extend the paper support.



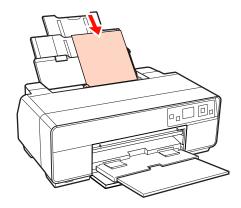
Open the front cover.



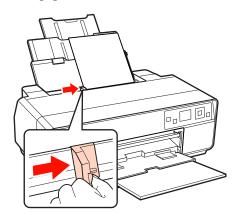
Fully extend the output tray.



Load the paper vertically with the printable side face up.



Grasp and slide the edge guide to fit it to the width of the paper.

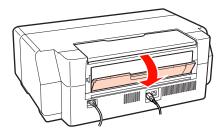


Loading Fine Art Media

Use the front manual feed tray and the rear support to load fine art media.

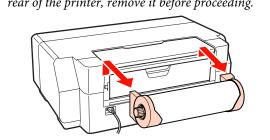
Use fine art media between 0.3 mm and 0.7 mm thick.

- Turn on the printer.
- Open the rear support.

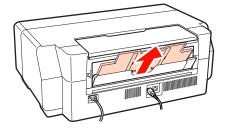


Tip:

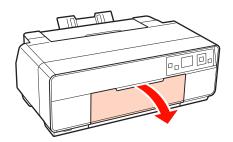
If the roll paper holder is currently in place at the rear of the printer, remove it before proceeding.



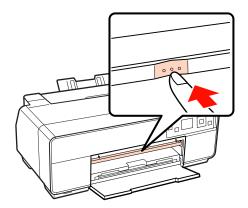
Fully extend the rear support.



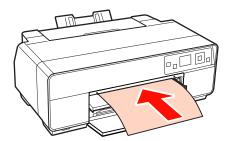
Open the front cover.



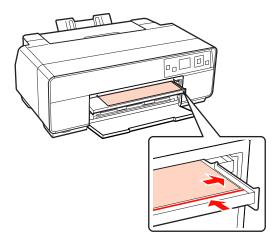
Push the center of the front manual feed tray.



6 Load the paper vertically with the printable side face up.

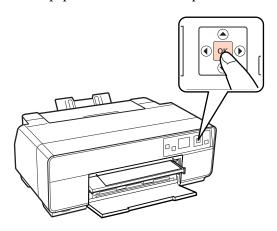


Align the right edge of the paper with the right edge of the tray and the trailing edge with the line on the tray.

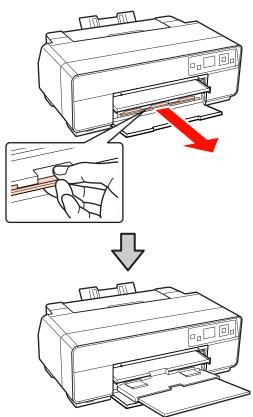


Press the OK button on the control panel.

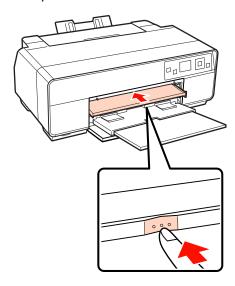
The paper will be fed into the printer.



Fully extend the output tray.



With the paper loaded and the printer idle, push the center of the front manual feed tray to close the tray.



Тір:

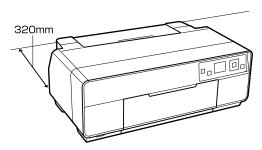
To eject the paper, confirm that the control panel shows **Ready** and press the $\widetilde{\mathbb{D}}$ button.

Loading Poster Board

Use the front manual feed tray to load poster board.

Use poster board between 0.7 mm and 1.3 mm thick.

Poster board is ejected from the rear of the printer once during loading. Leave a space of at least 320 mm between the rear of the printer and the nearest wall.

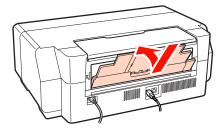


Turn on the printer.

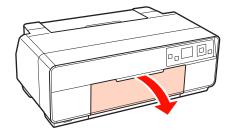
Note:

Do not eject the front manual feed tray or load poster board while the printer is operating. Failure to observe this precaution could damage the printer.

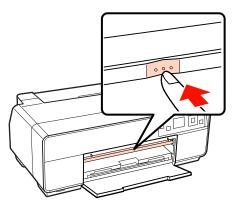
If the rear support is open, close it.



Open the front cover.



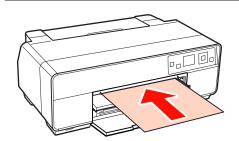
Push the center of the front manual feed tray.



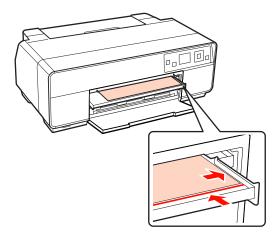
Load the paper vertically with the printable side face up.

Note:

Be sure to load the paper from the front. Loading paper from the rear could damage the printer or cause a malfunction.

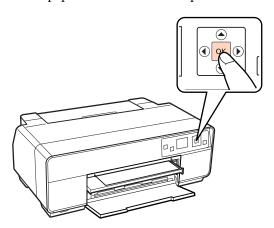


Align the right edge of the paper with the right edge of the tray and the trailing edge with the line on the tray.

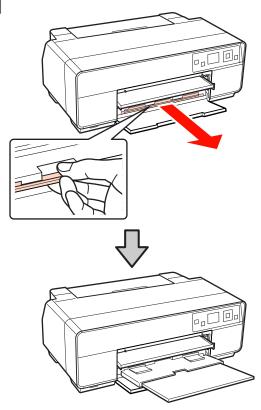


Select **Poster Board** in the control panel's screen and press the OK button.

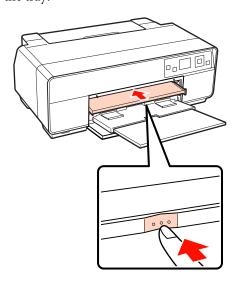
The paper will be fed into the printer.



Fully extend the output tray.



With the paper loaded and the printer idle, push the center of the front manual feed tray to close the tray.



Tip:To eject the paper, confirm that the control panel shows **Ready** and press the $\tilde{\mathbb{m}}$ button.

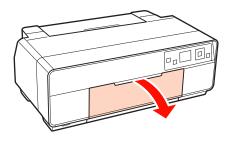
Loading and Cutting Roll Paper

Loading Roll Paper

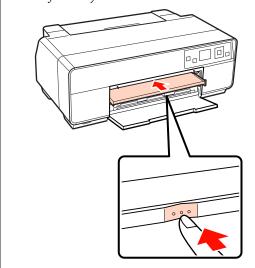
Using the roll paper holder, position the paper at the rear of the printer. See the following for information on supported roll paper types.

△ "Supported Media" on page 107

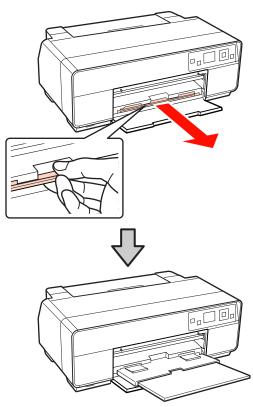
- Turn on the printer.
- Open the front cover.



Tip:
If the front manual feed tray is open, push the center of the tray to close it.

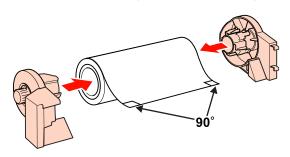


Fully extend the output tray.



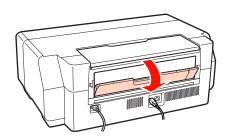
After confirming that the end of the roll paper is cut straight across, insert the supplied roll paper holder into the ends of the roll.

If the end of the roll paper is not cut straight across, trim it straight before proceeding.

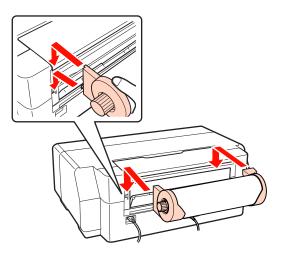


Open the rear support.

Only open the support; there is no need to extend it

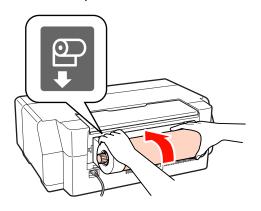


Attach the roll paper holder to the rear of the printer.

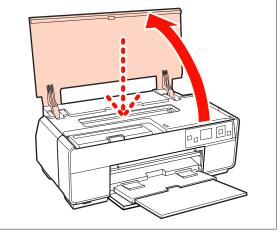


Feed the roll paper into the roll paper feeder on the rear of the printer until it stops.

After you have held the paper in place for about three seconds, it will be loaded the printer automatically.



Tip:Open the printer cover and look down into the printer to check that the paper is not being fed at a slant.

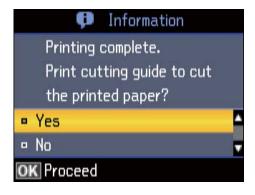


Cutting Roll Paper

Use scissors or other cutters to cut the print results from the roll when printing is complete.

Choose whether to cut the paper after printing in the control panel.

The following options are displayed.

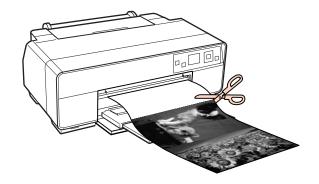


Yes: Print a cut line and feed the paper.

No: Return to the standby screen. Select this option to continue printing on current roll.

If you selected **Yes**, cut the paper along the cut line.

Further instructions are displayed in the control panel's screen.



Tip:

To remove roll paper, confirm that **Ready** is displayed in the control panel and press the $\tilde{\mathbb{H}}$ button for two seconds. The paper will be fed back through the printer. Turn the knob on the roll paper holder to take up the excess paper.

Loading and Removing CDs and DVDs

Tip:

- A special application is required to print CDs and DVDs. Use the supplied Epson Print CD application.
- ☐ Use 12 cm or 8 cm CDs or DVDs (including CD-R/RW and DVD-R/RW discs) with packaging indicating that the label surface supports printing with inkjet printers.

Loading CDs and DVDs

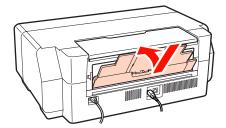
Use the front manual feed tray and CD/DVD tray.

1 Turn on the printer.

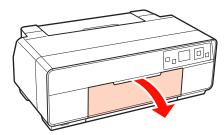
Note:

Do not eject the front manual feed tray or insert the CD/DVD tray while the printer is operating. Failure to observe this precaution could damage the printer.

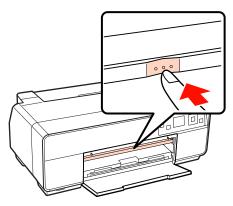
If the rear support is open, close it.



3 Open the front cover.



Push the center of the front manual feed tray.

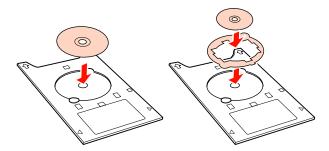


Place a disc on the supplied CD/DVD tray with printable side up.

Note:

Use the CD/DVD tray supplied with the printer. Using a different tray could damage the printer, tray, or disc or cause printer malfunction.

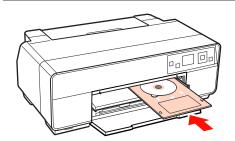
12cmCD/DVD 8cmCD/DVD



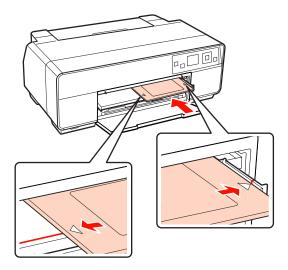
Insert the CD/DVD tray into the front manual feed tray.

Note:

Be sure to insert the tray from the front. Inserting the tray from the rear could damage the printer or cause a malfunction.

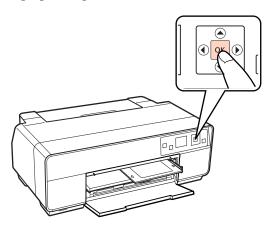


Align the right edge of the CD/DVD tray with line on right side of the front manual feed tray and the left edge with the indicator line on the front manual feed tray.



Select **CD/DVD** in the control panel's screen and press the **OK** button.

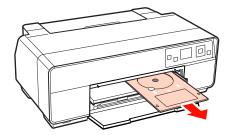
The printer will load the CD/DVD tray and prepare to print.



Tip:To eject the CD/DVD tray, confirm that the control panel shows **Ready** and press the till button.

Removing CDs and DVDs

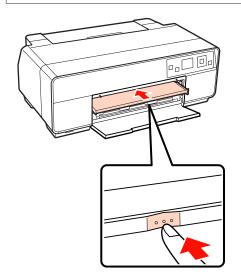
Remove the CD/DVD tray when printing is complete.



Close the front manual feed tray.

Note:

- ☐ Do not turn the printer on or off while the tray is inserted. Failure to observe this precaution could damage the printer.
- ☐ Store the tray flat. Malfunction could result if the tray is curled or deformed.



Basic Printing Methods (Windows)

You can make print settings such as paper size and paper feed from the connected computer and then print.

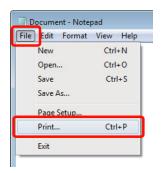
1 Turn on the printer, and load the paper.

△ "Loading Cut Sheets" on page 21

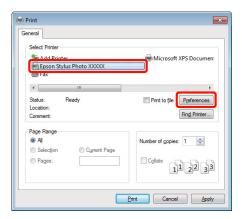
△ "Loading Roll Paper" on page 26

△ "Loading CDs and DVDs" on page 28

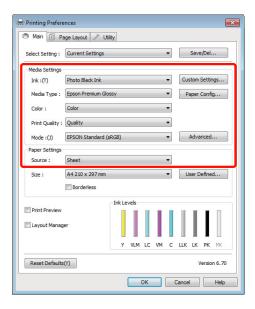
When you have created the data, click **Print** from the **File** menu.



Make sure your printer is selected, and then click **Preferences** or **Properties** to display the settings screen.

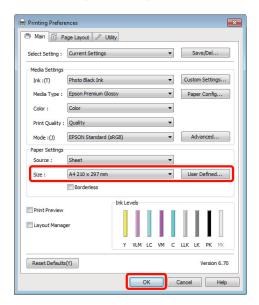


Select the **Media Type**, **Color**, **Print Quality**, **Mode**, and **Source** according to the paper loaded in the printer.

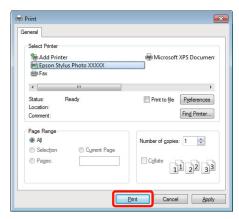


Make sure you select the same **Size** as you set in the application.

After making the settings, click OK.



When settings are complete, click **Print**.



The Progress Bar is displayed, and printing starts.

Screen while printing

The following screen is displayed when you start printing, and the Progress Bar (the computer's processing status) is displayed. On this screen you can check the remaining ink level, product numbers for the ink cartridges, and so on.



An error message is displayed if an error occurs or an ink cartridge needs replacing while printing.

Click **How to**, to find out how to solve the problem.



Basic Printing Methods (Mac OS X)

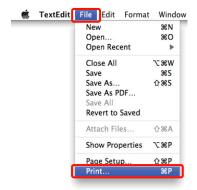
Turn on the printer, and load the paper.

△ "Loading Cut Sheets" on page 21

△ "Loading Roll Paper" on page 26

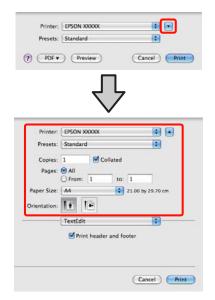
△ "Loading CDs and DVDs" on page 28

When you have created the data, from the **File** menu of the application, click **Print** and so on.



The print screen is displayed.

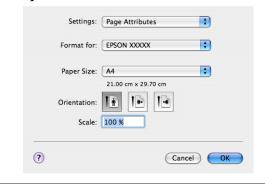
For Mac OS X 10.6 and 10.5, click the arrow () to make settings on the Page Setup screen.



Tip:

When using Mac OS X 10.4, or if items on the Page Setup screen are not displayed on the Print screen due to the application being used in Mac OS X 10.6 or 10.5, follow the steps below to display the Page Setup screen.

From the **File** menu of the application, click **Page Setup**.

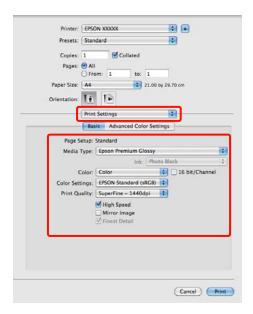


Check that this printer is selected, and then set the paper size.

Select the paper size, borderless printing options, and paper source in the **Paper Size** menu.



Select **Print Settings** from the list, and then set each item.

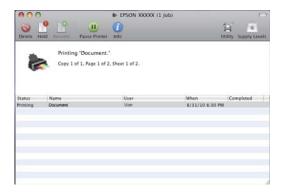


Set the Media Type, Color, Print Quality, and other settings according to the type of paper loaded in the printer. Normally, you can print correctly just by setting items in the Print Settings screen.

When settings are complete, click **Print**.

The printer icon is displayed in the Dock while printing. Click the printer icon to display the status. You can check the progress of the current print job and the printer status information. You can also cancel a print job.

Also, if an error occurs while printing, a notification message is displayed.



Printable area

Normal printing

The printable area is shown in gray in the illustration below. Note, however, that owing to the design of the printer, print quality will drop in the areas with hatching. The arrow in the illustration indicates the direction of the ejected paper.

Note:

The width of the margins may vary somewhat depending on how the paper is loaded and its elasticity.

The Printed Area for Cut Sheets

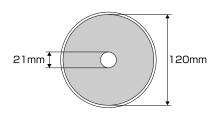
Borderless printing 1 3<u>m</u>m*2 36mm 33mm 36mm 39mm ∦ 3mm 3_{mm} 3_{mm} 3mm

- 1 Borderless printing is not supported with poster board.
- 2 Poster board under A3+ in size is printed with 20 mm margins.

The Printed Area for Roll Paper

Normal printing Borderless printing 3mm 3_{mm} ⊤50mm [50mm 65mm ⊺65mm

The Printed Area for CDs and **DVDs**



Tip:

The supplied EPSON Print CD application supports a minimum internal diameter of 18 mm and a maximum external diameter of 120 mm. When printing on CDs and DVDs, check the dimensions of the discs' printable area before selecting the internal and external diameter.

Changing the Type of Black Ink

This printer allows you to set both photo black ink and matte black ink and switch between them depending on the paper type.

Photo Black ink reduces the grainy feeling of photo papers giving them a smooth, professional finish. Matte Black ink significantly increases black optical density when printing on matte type papers.

See the following section to select a suitable black ink for the media type.

"Epson Special Media Table" on page 108

The time needed to switch from one type of black ink to another (from ink replacement until charging is complete) is given below. Note that this process consumes some of the new type of ink. Do not switch the black ink unless necessary.

Photo Black to Matte Black: About two minutes

Matte Black to Photo Black: About five minutes

Tin:

If there is not enough ink remaining for the switch, you will need to replace the cartridge. It may be possible to print with ink cartridges that could not be used for a black ink switch.

Switching Inks from the Control Panel

- 1 Press the O button to turn on the printer.
- Press the OK button to display the **Menu**.
- Use the ◀ and ▶ buttons to select Change Black Ink in the menu and then press the OK button.
- Choose the type of black ink you intend to switch according to current settings and press the OK button.

Follow the on-screen instructions.

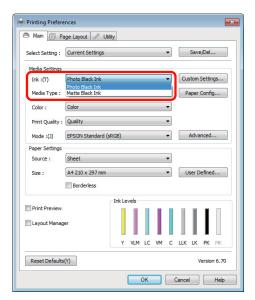
Switching Inks from the Printer Driver (Windows Only)

Follow the instructions below to switch black inks and print from the printer driver.

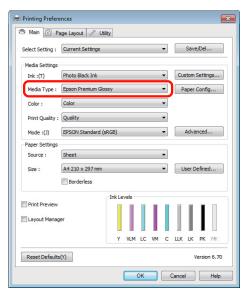
- 1 Display the printer driver's **Main** screen.
- 2 Select the desired black ink from the **Ink** menu.

The paper types available depend on the type of black ink selected. Choose a black ink according to the type of paper you plan to use.

△ "Supported Media" on page 107



3 Select the paper type from the **Media Type** menu.





Check other settings, and then start printing.

Turning Off the Power Using Power Off Timer

This printer comes equipped with the following two types of power saving settings. You can save power by transitioning into sleep mode or use the Power Off Timer function to automatically turn off the power when the printer has not been used for a certain period of time.

☐ Sleep mode

When the printer enters sleep mode, the control panel's screen turns off and the internal motors and other parts switch off to consume less power.

Sleep mode ends and normal operation is restored when a print job is received or any button (excluding the \circlearrowleft button) is pressed in the control panel. The printer will enter sleep mode if no operations are performed for 13 minutes.

Tip:

- ☐ The printer enters sleep mode when there are no errors, no print jobs being received, and no control panel or other operations performed.
- □ When the printer enters sleep mode, the control panel's screen goes blank as if the power has been turned off, but the 🖰 light remains lit.

☐ Power Off Timer

The printer includes a Power Off Timer function that allows the printer to be turned off automatically if there are no errors, no print jobs being received, and no control panel or other operations being performed for more than the specified amount of time. In the **Power Off Timer** setting, you can choose the elapsed time before the

printer is automatically turned off from 4 Hours and 8 Hours.

At the factory setting, the **Power Off Timer** setting is set to **4 Hours**.

Power Off Timer settings can be selected in the **Setup** menu. The **Setup** Menu" on page 87

Canceling Printing

There are a few ways to stop printing operations depending on the situation.

When the computer has finished sending data to the printer, you cannot cancel the print job from the computer. Cancel on the printer.

Canceling from the computer (Windows) When the Progress Bar is displayed Click Stop.



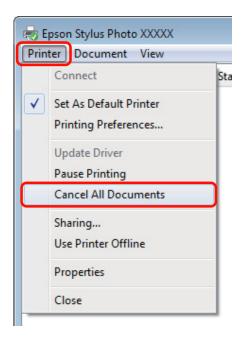
When the Progress Bar is not displayed

Click the printer icon on the Taskbar.



Select the job you want to cancel, and then select **Cancel** from the **Document** menu.

When you want to cancel all jobs, select **Cancel All Documents** from the **Printer** menu.



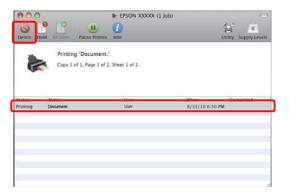
If the job has been sent to the printer, print data is not displayed on the above screen.

Canceling from the computer (Mac OS X)

1 Click the printer icon in the Dock.



Select the job you want to cancel, and then click **Delete**.



If the job has been sent to the printer, print data is not displayed on the above screen.

Basic Operations

Canceling on the printer

Press the $\tilde{\mathbb{D}}$ button and follow the on-screen instructions.

The print job is canceled even in the middle of printing. It may take a while before the printer returns to ready status after canceling a job.

To cancel printing without displaying a confirmation dialog, press and hold the $\tilde{\mathbb{m}}$ button.

Tip:

You cannot delete print jobs which are in the print queue on the computer using the above operation. See "Canceling from the Computer" for information on deleting print jobs from the print queue.

Using the Printer Driver (Windows)

Displaying the Settings Screen

You can access the printer driver in the following ways:

☐ From Windows applications

T "Basic Printing Methods (Windows)" on page 30

☐ From the Printer icon

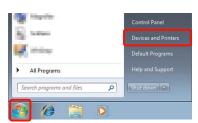
From the Printer icon

Follow the steps below when specifying common settings among applications or performing printer maintenance, such as Nozzle Check or Head Cleaning.

1

Open the **Printers** or **Printers and Faxes** folder.

For Windows 7
Click and then Devices and Printers.



For Windows Vista Click, Control Panel, Hardware and Sound, and then Printer.

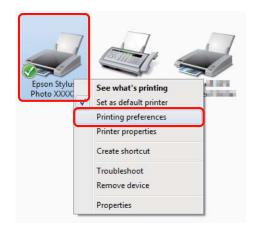


For Windows XP Click Start, Control Panel, Printers and Other Hardware, and then Printers and Faxes.

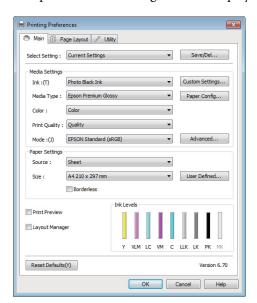
Tip:

If your Windows XP Control Panel is in Classic View, click Start, Control Panel, and then Printers and Faxes.

Right-click your printer icon, and click **Printing** preferences.



The printer driver setting screen is displayed.



Make the necessary settings. These settings become the default settings of the printer driver.

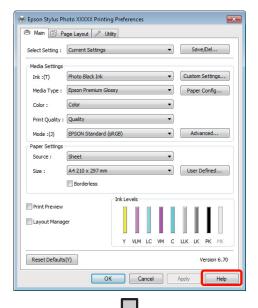
Displaying Help

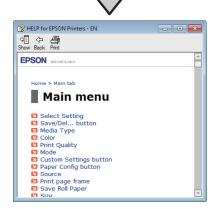
You can access the printer driver help in the following ways:

- ☐ Click **Help**
- ☐ Right-click on the item you want to check

Click the Help Button to Display

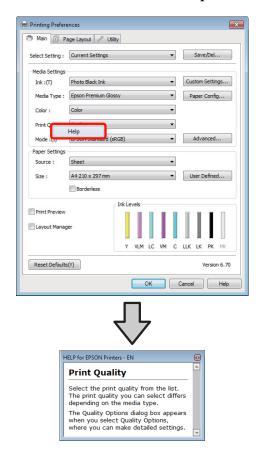
By displaying help, you can use the contents page or keyword search to read the help.





Right-click on the item you want to check and display

Right-click the item, and then click **Help**.



Tip:

In Windows XP, click the [2] icon in the title bar, and then click the help item you want to view.

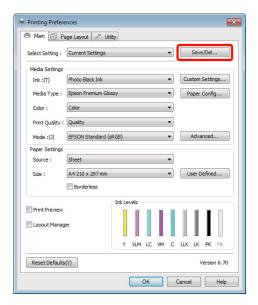
Customizing the Printer Driver

You can save the settings or change the display items as you prefer.

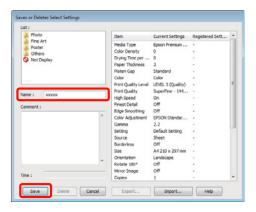
Saving various settings as your Select Settings

You can save all of the setting items in the printer driver.

- Set each item for the **Main** screen and the **Page Layout** screen that you want to save as your Select
 Settings.
- Click Save/Del. in the Main or Page Layout tab.



Enter any name in the **Name** box, and then click **Save**.



You can save up to 100 settings. You can choose a setting you have registered from the **Select Settings** list box.

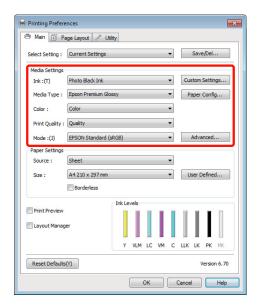
Гір:

You can save the settings as a file by clicking **Export**. You can share the settings by clicking **Import** to import the saved file on another computer.

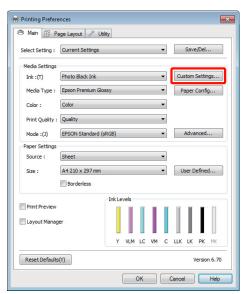
Saving media settings

You can save the items of the **Media Settings** on the **Main** screen.

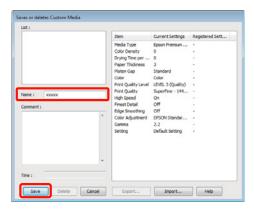
Change the **Media Settings** items on the **Main** screen.



2 Click Custom Settings.



Enter a name in the **Name** text box and click **Save**.



You can save up to 100 settings. You can choose a setting you have registered from the **Media Type** list box.

Tip:

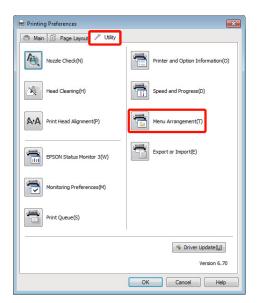
You can save the settings as a file by clicking **Export**. You can share the settings by clicking **Import** to import the saved file on another computer.

Rearranging display items

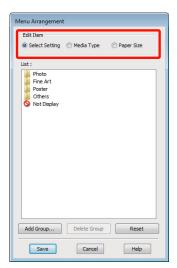
To display frequently used items right away, you can arrange **Select Setting**, **Media Type**, and **Paper Size** as follows.

- ☐ Hide unnecessary items.
- ☐ Rearrange in an order of most frequent use.
- ☐ Arrange in groups (folders).

Go to the **Utility** tab and click **Menu Arrangement**.

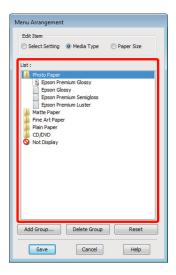


Select Edit Item.



- 3 Order or group items in the **List** box.
 - ☐ You can move and order items by dragging and dropping.
 - ☐ To add a new group (folder), click **Add Group**.
 - ☐ To delete a group (folder), click **Delete Group**.

☐ Drag and drop unnecessary items to **Not Display**.



Tip:

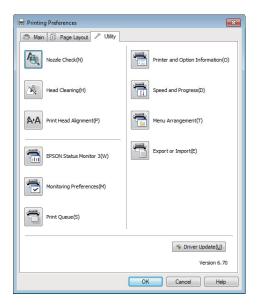
When **Delete Group** is performed, the group (folder) is deleted, however the items in the deleted group (folder) remain.

4

Click Save.

Summary of the Utility Tab

You can perform the following maintenance functions from the printer driver's **Utility** tab.



Nozzle Check

Check whether the print head nozzles are clogged.

Thecking for clogged nozzles" on page 90

Head Cleaning

Perform head cleaning if you notice banding or gaps in the print results. Cleans the surface of the print head to improve the print quality.

T "Head Cleaning" on page 91

Head Alignment

If the print results appear grainy or out of focus, perform Print Head Alignment. The Print Head Alignment function corrects print head gaps.

△ "Correcting Print Misalignment (Print Head Alignment)" on page 91

EPSON Status Monitor 3

You can check the printer's status, such as the remaining ink level and error messages, from the computer's screen.



Monitoring Preferences

You can select the error notifications displayed on the EPSON Status Monitor 3 screen, or register a shortcut for the Utility icon to the Taskbar.

Tip:

If you select the **Shortcut Icon** on the **Monitoring Preferences** screen, the Utility shortcut icon is displayed on the Windows Taskbar.

By right-clicking the icon, you can display the following menu and perform maintenance functions.

EPSON Status Monitor 3 starts when the printer name is clicked from the displayed menu.



Print Queue

You can display the list of all waiting jobs.

On the Print Queue screen, you can view information on the data waiting to be printed, delete and reprint these jobs.

Printer and Option Information

View or edit the printer information (ID) needed for improved color reproduction or update ink information after loading a new type of black ink.

Speed and Progress

You can set various functions for printer driver basic operations.

Menu Arrangement

You can arrange items by, for example, listing **Select Setting**, **Media Type**, and **Paper Size** options by frequency of use. Rearranging display items on page 41

Export or Import

You can export or import the printer driver settings. This function is useful when you want to make the same printer driver settings on multiple computers.

Driver Update

Visit the Epson website to check whether there is a driver newer than the currently installed version. If a new version is found, the printer driver will be updated automatically.

Uninstalling the printer driver

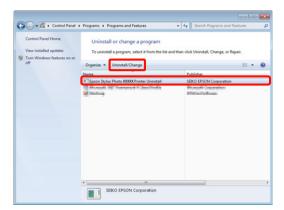
Follow the instructions below to uninstall the printer driver.

Note:

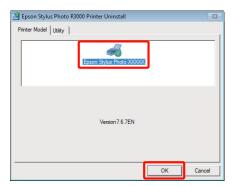
- ☐ You must log in with an Administrator account.
- ☐ In Windows 7/Windows Vista, if an Administrator password or confirmation is requested, enter the password and then continue with the operation.
- Turn off the printer, and unplug the interface cable.
- Go to the Control Panel and click Uninstall a program from the Programs category.



Select Epson Stylus photo R3000 Printer Uninstall and click Uninstall/Change (or Change/Remove/add or remove).



Select the target printer icon, and then click **OK**.



Tip:

You can also remove the Epson Network Utility by clicking the **Utility** tab and selecting the **Epson Network Utility**.

Note, however, that the drivers for any other Epson printers you may be using may also access the Epson Network Utility. Do not remove the Epson Network Utility if you are using other Epson printers.

Follow the on-screen instructions to continue.

When the delete confirmation message appears, click **Yes**.

Restart the computer if you are reinstalling the printer driver.

Using the Printer Driver (Mac OS X)

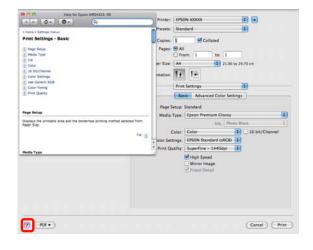
Displaying the Settings Screen

The display method of the printer driver setting screen may differ depending on the application or the OS version.

☑ "Basic Printing Methods (Mac OS X)" on page 31

Displaying Help

Click ? in the printer driver setting screen to display Help.



Using Epson Printer Utility 4

You can perform maintenance tasks such as Nozzle Check or Head Cleaning by using Epson Printer Utility 4. This utility is installed automatically when you install the printer driver.

Starting Epson Printer Utility 4

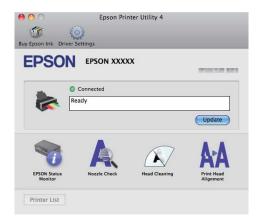
Double-click the **Applications** folder, the **Epson Software** folder, and then the **Epson Printer Utility 4** icon.

Note:

If the printer name is not displayed, click the **Software List** and select the printer.

Epson Printer Utility 4 Functions

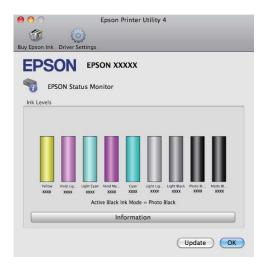
You can perform the following maintenance functions from Epson Printer Utility 4.



Using the Printer Driver (Mac OS X)

EPSON Status Monitor

You can check the printer's status, such as the remaining ink level and error messages, from the computer's screen.



Nozzle Check

Check whether the print head nozzles are clogged.

"Checking for clogged nozzles" on page 90

Head Cleaning

Perform head cleaning if you notice banding or gaps in the print results. Head cleaning cleans the surface of the print head to improve the print quality.

△ "Head Cleaning" on page 91

Print Head Alignment

Perform print head alignment if the print results appear grainy or blurred. Print head alignment corrects print head gaps.

△ "Correcting Print Misalignment (Print Head Alignment)" on page 91

Uninstalling the printer driver

Follow the instructions below to uninstall the printer driver.

Note:

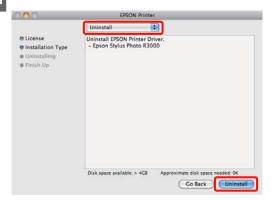
- ☐ You must log in with an Administrator account.
- ☐ When prompted, enter the administrator password and continue.
- Turn off the printer, and unplug the interface cable.
- Close all open applications.
- Click the Apple Menu, the **System Preferences** folder, and then the **Print & Fax** folder.
- Select this printer, and then click -.



- Click **Delete Printer** (or **OK**).
- Insert the "Software Disc" supplied with this printer into your computer.
- 7 Double-click Install Navi.
- 8 Select Software List.
- 9 Select **Printer Driver** and click **Next**.

Using the Printer Driver (Mac OS X)

- If the license agreement screen is displayed, confirm the contents, click **Continue**, and then click **Agree**.
- 11 Select Uninstall, and then click Uninstall.



Follow the on-screen instructions to continue.

Printing Varieties

Auto Correct Color and Print Photos (PhotoEnhance)

The printer driver for this printer comes with the Epson proprietary function PhotoEnhance that makes the most efficient use of the color reproduction area, corrects image data to improve colors before printing.

By using PhotoEnhance, you can correct photo colors to match the subject types such as people, scenery, or night view. You can print color data in sepia or black and white. Colors are automatically corrected simply by selecting the print mode.

This option is not available under Mac OS X version 10.4.

Note:

It is recommended that you use images with a color space of sRGB.

Adjusting Settings in Windows



When using applications featuring a color management function, specify how to adjust colors from these applications.

When using applications without a color management function, start from step 2.

Depending on the type of the application, make the settings following the table below.

Adobe Photoshop CS3 or later Adobe Photoshop Elements 6.0 or later Adobe Photoshop Lightroom 1 or later

os	Color Management Settings
Windows 7 Windows Vista Windows XP (Service Pack 2 or later and .NET 3.0 or later)	Printer Manages Colors
Windows XP (other than the above)	No Color Management

In other applications, set **No Color Management**.

Tip:

For information on the operating systems supported by each application, visit the distributor's website.

Example of Adobe Photoshop CS4

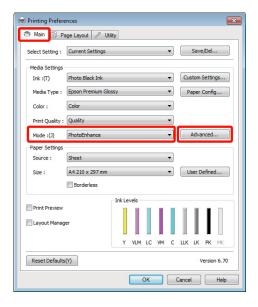
Open the **Print** screen.

Select Color Management and then Document. Select Printer Manages Colors as the Color Handling setting, and then click Print.



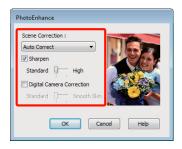
Display the **Main** tab in the printer driver, select **PhotoEnhance** for **Mode**, and click **Advanced**.

"Basic Printing Methods (Windows)" on page 30



On the **PhotoEnhance** screen, you can set effects to apply to the print data.

See the printer driver help for more details on each item.



4 Check other settings, and then start printing.

Adjusting Settings in Mac OS X 10.6 and 10.5

When using applications featuring a color management function, specify how to adjust colors from these applications.

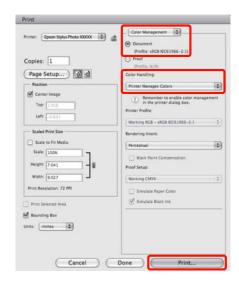
Depending on the type of the application, make the settings following the table below.

Application	Color Management Settings
Adobe Photoshop CS3 or later	Printer Manages Colors
Adobe Photoshop Lightroom 1 or later	
Adobe Photoshop Elements 6 or later	
Other applications	No Color Management

Example of Adobe Photoshop CS4

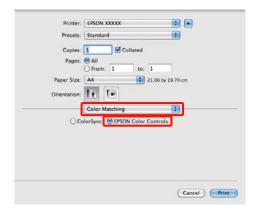
Open the **Print** screen.

Select **Color Management** and then **Document**. Select **Printer Manages Colors** as the **Color Handling** setting, and then click **Print**.



Display the Print dialog, select **Color Matching**, and click **EPSON Color Controls**.

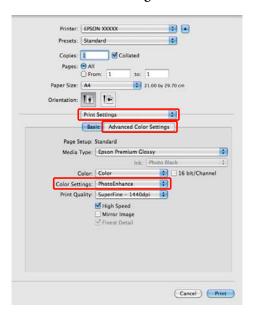
△ "Basic Printing Methods (Mac OS X)" on page 31



Tip:

When using the following applications, make sure you perform step 1, otherwise you cannot select **EPSON Color Controls**.

- ☐ Adobe Photoshop CS3 or later
- ☐ Adobe Photoshop Lightroom 1 or later
- Adobe Photoshop Elements 6 or later
- Select **Print Settings** from the list, select **PhotoEnhance** for **Color Settings**, and click **Advanced Color Settings**.



Choose the effects that will be applied to the print data in the **Advanced Color Settings** screen.

See the printer driver help for more details on each item.



6 Check other settings, and then start printing.

Correct color and print

The printer driver automatically and internally corrects colors to match the color space. You can select from the following color correction modes.

☐ EPSON Standard (sRGB)

Optimizes the sRGB space and corrects the color.

☐ Adobe RGB

Optimizes the Adobe RGB space and corrects the color.

Note that if you click **Advanced** when one of the above color processing options is selected, you can fine-tune Gamma, Brightness, Contrast, Saturation, and color balance for the selected option.

Use this option when the application in use does not have a color correction function.

Making Settings in Windows



When using applications featuring a color management function, specify how to adjust colors from these applications.

When using applications without a color management function, start from step 2.

Depending on the type of the application, make the settings following the table below.

Adobe Photoshop CS3 or later Adobe Photoshop Elements 6.0 or later Adobe Photoshop Lightroom 1 or later

os	Color Management Settings
Windows 7 Windows Vista Windows XP (Service Pack 2 or later and .NET 3.0 or later)	Printer Manages Colors
Windows XP (other than the above)	No Color Management

In other applications, set **No Color Management**.

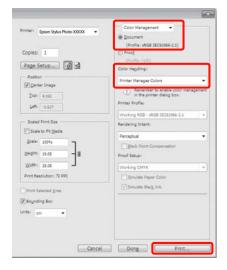
Tip:

For information on the operating systems supported by each application, visit the distributor's website.

Example of Adobe Photoshop CS4

Open the **Print** screen.

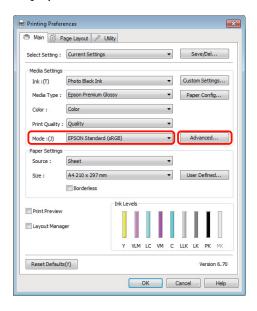
Select **Color Management** and then **Document**. Select **Printer Manages Colors** as the **Color Handling** setting, and then click **Print**.



When the printer driver's **Main** screen is displayed, select the color correction mode.

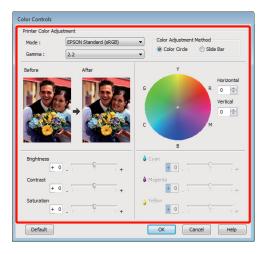
"Basic Printing Methods (Windows)" on page 30

To adjust settings manually, click **Advanced** to display **Color Controls**.



If you opted to display the **Color Controls** screen in Step 2, adjust settings as desired.

See the printer driver help for more information on each item.



Tip:

You can adjust the correction value by checking the sample image on the left side of the screen. You can also use the color circle to fine-tune the color balance.

4 Check other settings, and then start printing.

Making Settings for Mac OS X

When using applications featuring a color management function, specify how to adjust colors from these applications.

When using applications without a color management function, start from step 2.

Depending on the type of the application, make the settings following the table below.

Adobe Photoshop CS3 or later Adobe Photoshop Elements 6 or later Adobe Photoshop Lightroom 1 or later

os	Color Management Settings
Mac OS X 10.6 and 10.5	Printer Manages Colors
Mac OS X 10.4	No Color Management

In other applications, select **No Color Management**.

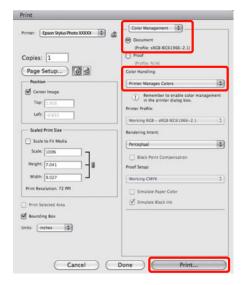
Tip:

For information on the operating systems supported by each application, visit the distributor's website.

Example of Adobe Photoshop CS4

Open the **Print** screen.

Select **Color Management** and then **Document**. Select **Printer Manages Colors** as the **Color Handling** setting, and then click **Print**.

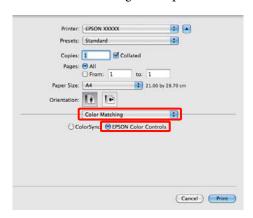


Display the Print screen.

*Basic Printing Methods (Mac OS X)" on page 31

For Mac OS X 10.5 and 10.6, select Color Matching from the list, and then click EPSON Color Controls.

For Mac OS X 10.4, go to step 4.



Tip:

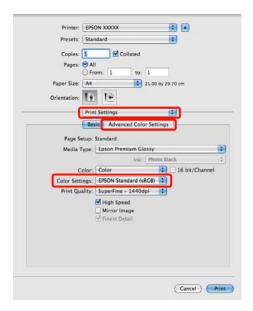
When using the following applications with Mac OS X 10.5 or 10.6, make sure you perform step 1, otherwise you cannot select **EPSON Color Controls**.

- ☐ Adobe Photoshop CS3 or later
- ☐ Adobe Photoshop Lightroom 1 or later
- ☐ Adobe Photoshop Elements 6 or later

4

Display the **Advanced Color Settings** screen for color correction.

Select **Print Settings** from the list, and select **EPSON Standard (sRGB)** or **AdobeRGB** for **Color Controls** under **Color Settings**. When adjusting the parameters manually, click **Advanced Color Settings**.



Tin:

When using the following applications with Mac OS X 10.5, clear the **Use Generic RGB** checkbox.

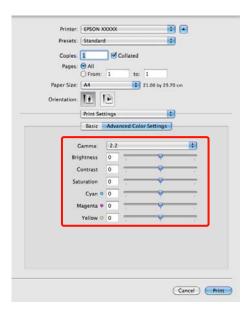
- ☐ Adobe Photoshop CS3 or later
- ☐ Adobe Photoshop Lightroom 1 or later
- ☐ Adobe Photoshop Elements 6 or later

Select the check box when using a different application from those listed above.

5

Make the necessary settings.

See the printer driver help for more information on each item.



6

Check other settings, and then start printing.

Printing Black and White Photos

You can print black and white photos with rich gradation by adjusting the image data color by the printer driver.

The original data is not affected.

You can correct image data when printing without processing the data from applications.

Note

It is recommended that you use images with a color space of sRGB.

Making Settings in Windows



When using applications featuring a color management function, specify how to adjust colors from these applications.

When using applications without a color management function, start from step 2.

Depending on the type of the application, make the settings following the table below.

Adobe Photoshop CS3 or later Adobe Photoshop Elements 6 or later Adobe Photoshop Lightroom 1 or later

os	Color Management Settings
Windows 7 Windows Vista Windows XP (Service Pack 2 or later and .NET 3.0 or later)	Printer Manages Colors
Windows XP (other than the above)	No Color Management

In other applications, select **No Color Management**.

Tip:

For information on the operating systems supported by each application, visit the distributor's website.

Example of Adobe Photoshop CS4

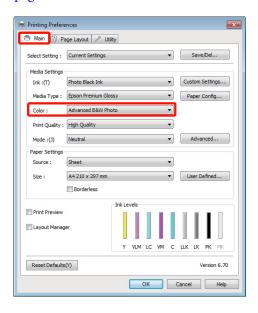
Open the **Print** screen.

Select Color Management and then Document. Select Printer Manages Colors or No Color Management as the Color Handling setting, and then click Print.

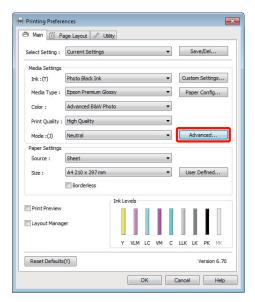


Display the printer driver **Main** tab and select **Advanced B&W Photo** as the **Color**.

△ Basic Printing Methods (Windows)" on page 30

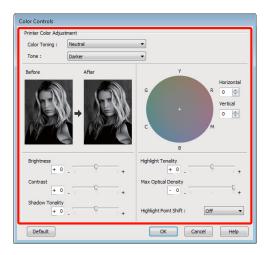


Click **Advanced** for **Mode**.



Adjust settings.

See the printer driver help for more information on each item.



Check other settings, and then start printing.

Making Settings for Mac OS X

When using applications featuring a color management function, specify how to adjust colors from these applications.

Depending on the type of the application, make the settings following the table below.

Adobe Photoshop CS3 or later Adobe Photoshop Elements 6 or later Adobe Photoshop Lightroom 1 or later

os	Color Management Settings
Mac OS X 10.6 and 10.5	Printer Manages Colors
Mac OS X 10.4	No Color Management

In other applications, select **No Color Management**.

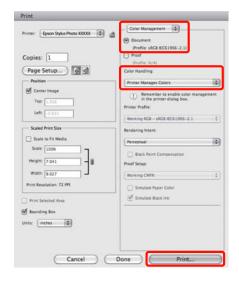
Tip:

For information on the operating systems supported by each application, visit the distributor's website.

Example of Adobe Photoshop CS4

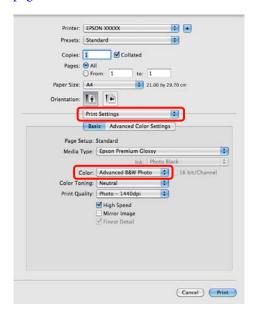
Open the **Print** screen.

Select Color Management and then Document. Select Printer Manages Colors as the Color Handling setting, and then click Print.



Display the Print screen, select **Print Settings** from the list, and then select **Advanced B&W Photo** as the **Color**.

"Basic Printing Methods (Mac OS X)" on page 31



Tip:

When using the following applications with Mac OS X 10.5, clear the **Use Generic RGB** checkbox.

- ☐ Adobe Photoshop CS3 or later
- ☐ Adobe Photoshop Lightroom 1 or later
- ☐ Adobe Photoshop Elements 6 or later

Select the check box when using a different application from those listed above.

3

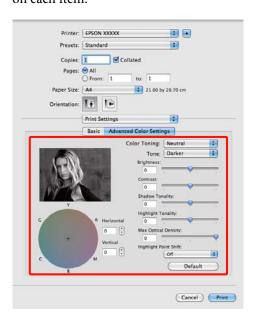
Click Advanced Color Settings.



4

Adjust settings.

See the printer driver help for more information on each item.



5

Check other settings, and then start printing.

Borderless printing

You can print your data without margins on the paper.

The types of borderless printing you can choose vary as shown below depending on the media type.

Cut sheets: No margins for all edges

Roll paper: No margins for the left and right

When performing left and right borderless printing, margins appear on the top and bottom of the paper.

Values for top and bottom margins T "Printable area" on page 33

Borderless printing is not available with poster board or CDs and DVDs.

Types of Borderless Printing Methods

Two options are available for borderless printing: Auto Expand and Retain Size.

Choose either option when printing on cut sheets. Settings for roll paper are automatically adjusted as follows.

- ☐ Roll paper: Auto Expand
- ☐ Roll paper (banner): Retain Size

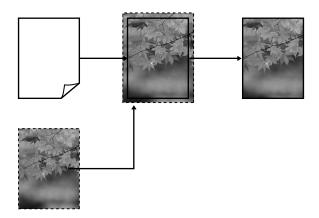
Auto Expand

The printer driver enlarges the print data to a size slightly larger than the paper size and prints the enlarged image. The sections which are beyond the paper edges are not printed; therefore, resulting in borderless printing.

Use settings such as Page Layout in the applications to set the size of the image data as follows.

- Match the paper size and page setting for the print data.
- If the application has margin settings, set the margins to 0 mm.

- Make the image data as large as the paper size.



Retain Size

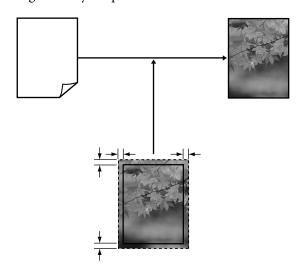
Create the print data larger than the paper size in the applications to produce borderless output. The printer driver does not enlarge the image data. Use settings such as Page Layout in the applications to set the size of the image data as follows.

Page settings can be set larger than the paper size by the amounts shown below.

Sizes larger than A4	Top: +3 mm Bottom: +4.5 mm Left and right: 3.5 mm
A4 or smaller (excluding 100×148 mm, 9×13 cm/3.5 \times 5 in., 10×15 cm/4 \times 6 in.)	Top: +3 mm Bottom: +4 mm Left and right: 2.5 mm
100 × 148 mm, 9 × 13 cm/3.5 × 5 in., 10 × 15 cm/4 × 6 in.	Top: +1.3 mm Bottom, left, and right: 2.5 mm

- If the application has margin settings, set the margins to 0 mm.
- Make the image data as large as the paper size.
- There is no need to increase the top and bottom sizes for roll paper.

Select this setting if you want to avoid image enlargement by the printer driver.



Supported Media Sizes for Borderless Printing

The following media sizes are supported for borderless printing.

Supported paper sizes
A4 (210 × 297 mm)
A3 (297 × 420 mm)
A3+ (329 × 483 mm)
Letter (8½ × 11 in.)
100 × 148 mm
9 × 13 cm (3.5 × 5 in.)
10 × 15 cm (4 × 6 in.)
13 × 18 cm (5 × 7 in.)
13 × 20 cm (5 × 8 in.)
16:9 wide (102 × 181 mm)
20 × 25 cm (8 × 10 in.)
254 × 305 mm (10 × 12 in.)
279 × 356 mm (11 × 14 in.)
US B 11 × 17 in.
30 × 30 cm (12 × 12 in.)
A3+ roll paper (329 mm wide)

Depending on the media type, the print quality may decline or borderless printing cannot be selected.

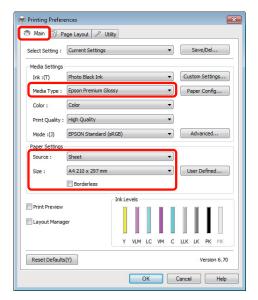
🖅 "Epson Special Media Table" on page 108

Setting Procedures for Printing

Making Settings in Windows

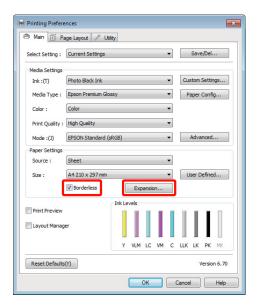
When the printer driver's **Main** screen is displayed, you can configure various settings required for printing such as **Media Type**, **Source**, **Size**.

△ "Basic Printing Methods (Windows)" on page 30



2 Select **Borderless**, and then click **Expansion**.

You can not choose the expansion amount when **Roll Paper** or **Roll Paper** (**Banner**) is selected for **Source**.



Select **Auto Expand** or **Retain Size** as the **Method of Enlargement**. If you select **Auto Expand**, set how much of the image goes beyond the edge of the paper as shown below.

Max	Sizes larger than A4:
	Approximately 3 mm past the top, 4.5 mm past the bottom, and 3.5 mm past the left and right edges
	A4 or smaller (excluding 100×148 mm, 9×13 cm/3.5 \times 5 in., 10×15 cm/4 \times 6 in.):
	Approximately 3 mm past the top, 4 mm past the bottom, and 2.5 mm past the left and right edges
	100×148 mm, 9×13 cm/3.5 \times 5 in., 10×15 cm/4 \times 6 in.:
	Approximately 1.3 mm past the top, 2.5 mm past the bottom, and 2.5 mm past the left and right edges
Mid	½ of Max
Min	1/4 of Max



Tip:

Choosing **Mid** or **Min** decreases the image enlargement ratio. Therefore, some margins may appear at the edges of the paper depending on the paper and printing environment.

4

Check other settings and start printing.

Making Settings for Mac OS X



Open the Print screen and select the paper size from the **Paper Size** option, and then select a borderless printing method.

△ "Basic Printing Methods (Mac OS X)" on page 31

The selections for borderless printing methods are displayed as shown below.

XXXX (Sheet Feeder - Borderless (Auto Expand))

XXXX (Sheet Feeder - Borderless (Retain Size))

XXXX (Fr.-FineArt(Borderless, Auto Expand))

XXXX (Fr.-FineArt(Borderless, Retain Size))

A3+ (Roll Paper - Borderless)

A3+ (Roll Paper - Borderless Banner)

Where XXXX is the actual paper size, such as A4.

When using Mac OS X 10.4, or if items on the Page Setup screen are not displayed on the Print screen due to the application being used in Mac OS X 10.6 or 10.5, display the Page Setup screen and make settings.



If Auto Expand is selected for **Paper Size**, set how much of the image goes beyond the edge of the paper in the **Expansion** screen.

Select **Page Layout Settings** from the list. The following shows how much the image will be larger than the paper edges.

Max	Sizes larger than A4:
	Approximately 3 mm past the top, 4.5 mm past the bottom, and 3.5 mm past the left and right edges
	A4 or smaller (excluding 100×148 mm, 9×13 cm/ 3.5×5 in., 10×15 cm/ 4×6 in.):
	Approximately 3 mm past the top, 4 mm past the bottom, and 2.5 mm past the left and right edges
	100 × 148 mm, 9 × 13 cm/3.5 × 5 in., 10 × 15 cm/4 × 6 in.:
	Approximately 1.3 mm past the top, 2.5 mm past the bottom, and 2.5 mm past the left and right edges
Mid	½ of Max
Min	1/4 of Max

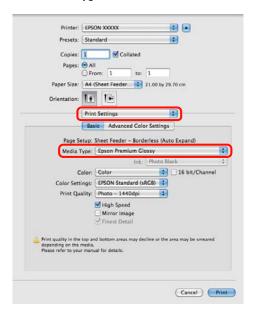
You can not choose the expansion amount when A3+(Roll Paper - Borderless) or A3+(Roll Paper - Borderless Banner) is selected for Paper Size.



Tip:

Choosing **Mid** or **Min** decreases the image enlargement ratio. As a result, margins may appear at the edges of the paper depending on the paper and printing environment.

Select **Print Settings** from the list, and then set the **Media Type**.



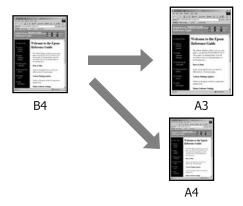
Check other settings, and then start printing.

Enlarged/Reduced Printing

You can enlarge or reduce the size of your data. There are three setting methods.

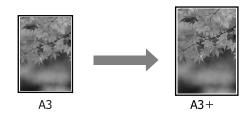
☐ Fit to Page printing

Automatically enlarges or reduces the image to fit the paper.



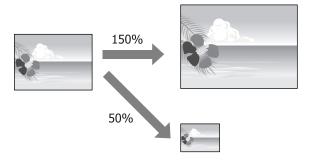
☐ Fit to Roll Paper Width (Windows only)

Automatically enlarges or reduces the image to fit the width of the roll paper.



☐ Custom

You can specify the enlargement or reduction ratio. Use this method for a non-standard paper size.

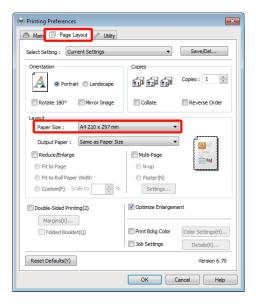


Fit to Page/Scale to fit paper size

Making Settings in Windows

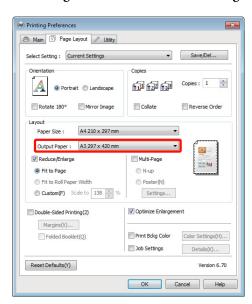
When the printer driver's **Page Layout** screen is displayed, set the same paper size as the data's paper size in **Page Size** or **Paper Size**.

△ Basic Printing Methods (Windows)" on page 30



Select the size of the paper loaded in the printer from the **Output Paper** list.

Fit to Page is selected as Reduce/Enlarge.



3 Check other settings, and then start printing.

Making Settings for Mac OS X

Open the Print screen, select **Paper Handling** from the list, and then check **Scale to fit paper size**.

△ "Basic Printing Methods (Mac OS X)" on page 31

For Mac OS X 10.5 or 10.6



For Mac OS X 10.4



Select the size of the paper loaded in the printer as the **Destination Paper Size**.

Tip:

When performing enlarged printing, clear the **Scale down only** check box.

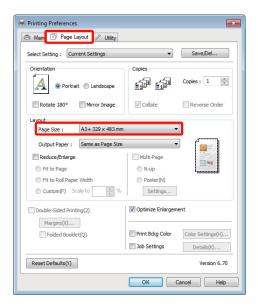
3 Check other settings, and then start printing.

Fit to Roll Paper Width (Windows only)

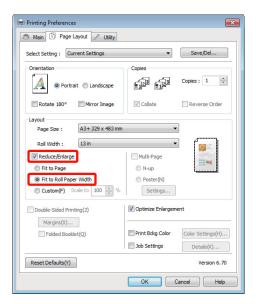
Display the printer driver **Main** tab and select **Roll Paper** for **Source**.

△ "Basic Printing Methods (Windows)" on page 30

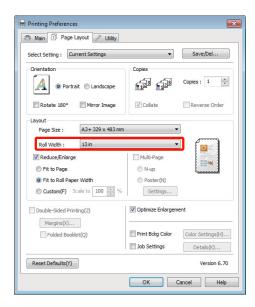
Display the **Page Layout** tab and choose a **Paper Size** that matches the page size used in the document size.



Select Reduce/Enlarge and click Fit to Roll Paper Width.



Select the width of the roll paper loaded in the printer from the **Roll Width** list.



Check other settings, and then start printing.

Custom Scale Setting

Making Settings in Windows

When the printer driver's **Page Layout** screen is displayed, set the same paper size as the data's paper size in **Page Size** or **Paper Size**.

☐ "Basic Printing Methods (Windows)" on page 30

- Select the **Output Paper** option that matches the size of paper loaded in the printer.
- Select **Reduce/Enlarge**, click **Custom**, and then set the **Scale to** value.

Enter a value directly or click the arrows to the right of the scale box to set the value.

Select the scale within a range of 10 to 650 %.



4 Check other settings, and then start printing.

Making Settings for Mac OS X

When the Print screen is displayed, select the size of the paper loaded in the printer from the **Paper Size** list.

When using Mac OS X 10.4, or if items on the Page Setup screen are not displayed on the Print screen due to the application being used in Mac OS X 10.6 or 10.5, display the Page Setup screen and make settings.

△ "Basic Printing Methods (Mac OS X)" on page 31



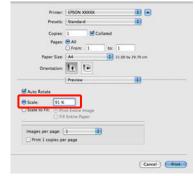
2 Enter the scale.

You can set the following scale values.

Mac OS X 10.5 and 10.6: 1 to 10,000%

Mac OS X 10.4: 1 to 400%

For Mac OS X 10.6



For Mac OS X 10.4 or 10.5



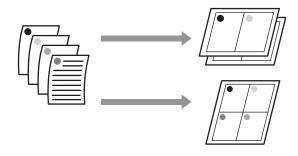
The Scale value has been set.

You can now print as normal.

Multi-Page Printing

You can print multiple pages of your document on one sheet of paper.

If you print continuous data prepared at A4 size, it is printed as shown below.



Tip:

- ☐ In Windows, you cannot use the Multi-Page printing function when performing borderless printing.
- ☐ In Windows, you can use the reduce/enlarge function (Fit to Page) to print the data on different sizes of paper.

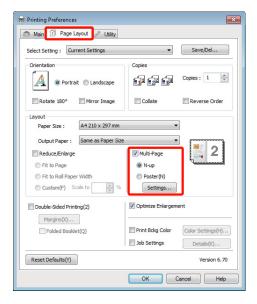
☑ "Enlarged/Reduced Printing" on page 61



Making Settings in Windows

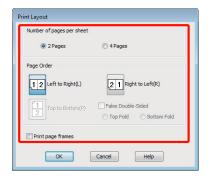
When the printer driver's **Page Layout** screen is displayed, select the **Multi-Page** check box, select **N-up**, and then click **Settings**.

△ "Basic Printing Methods (Windows)" on page 30



In the **Print Layout** screen, specify the number of pages per sheet and the page order.

If the **Print page frames** check box is selected, page frames are printed on each page.



3 Check other settings, and then start printing.

Making Settings for Mac OS X

1

When the Print screen is displayed, select **Layout** from the list, and then specify the number of pages per sheet and so on.

T "Basic Printing Methods (Mac OS X)" on page 31



Тір:

You can print frames around arranged pages using the **Border** function.

2

Check other settings, and then start printing.

Manual Double-Sided Printing (Windows only)

You can easily print on both sides of the paper by printing out all even numbered pages and then flipping those pages over and reloading them manually to print the odd numbered pages.

Cautions when Performing Double-Sided Printing

When performing double-sided printing, note the following points.

- Use paper that supports double-sided printing.
- Depending on the paper type and the print data, ink may seep through to the back side of the paper.
- ☐ Double-sided printing is supported with the auto sheet feeder only.
- ☐ Performing successive double-sided print jobs can soil the inside of the printer with ink. If the printed paper is soiled by ink on the roller, clean the printer.

Tip:

You can save even more paper by combining this printing method with printing multiple pages on a single page.

△ "Multi-Page Printing" on page 65

Setting Procedures for Printing

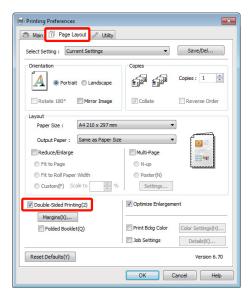
1 Load paper in the auto sheet feeder.

"Loading Paper into the Auto Sheet Feeder" on page 21

When the printer driver's **Page Layout** screen is displayed, select **Double-Sided Printing**.

When **Roll Paper** is selected as the **Source** setting, you cannot select **Double-Sided Printing**. In this case, set the **Source** first from the **Main** screen.

The "Basic Printing Methods (Windows)" on page 30

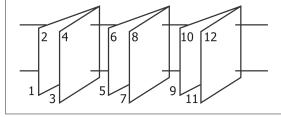


Tip:

You can set the **Binding Edge** and **Binding Margin** by clicking on **Margins**. Depending on
the application, the specified binding margin
and the actual print result may differ.



☐ Select **Folded Booklet** to print out as a booklet. In the example figure shown below, the pages that appear on the inside when the page is folded in two (pages 2, 3, 6, 7, 10, 11) are printed first.



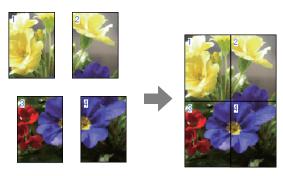
- Check other settings, and then start printing.
- When the odd pages have finished printing and the on-screen guide appears, reload the paper as instructed, and then click **Resume**.

Poster Printing (Enlarge to cover several sheets and print - Windows only)

The poster printing function automatically enlarges and divides the print data. You can join the printed sheets to create a large poster or calendar. Poster printing is available up to 16-fold (four sheets by four sheets) of normal printing size. There are two ways to print posters.

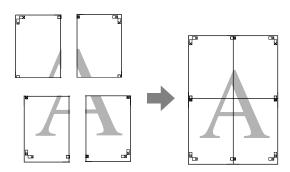
■ Borderless poster printing

This automatically enlarges and divides the print data and prints without margins. You can make a poster just by joining the output paper together. To perform borderless printing, the data is expanded so that it extends slightly over the paper size. Enlarged areas that exceed the paper are not printed. Therefore, the image may misalign at the joins. To join the pages precisely, perform the following poster printing with margins.



☐ Poster printing with margins

This automatically enlarges and divides the print data and prints with margins. You need to cut the margins and then join the output paper together to make a poster. Although the final size is slightly smaller since you have to cut off the margins, the image joins fit precisely.



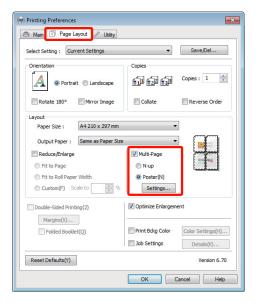
Setting Procedures for Printing

Prepare the print data using applications.

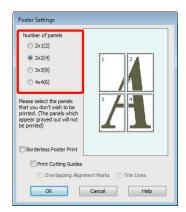
The printer driver automatically enlarges the image data when printing.

When the printer driver's **Page Layout** screen is displayed, select the **Multi-Page** check box, select **Poster**, and then click **Settings**.

△ Basic Printing Methods (Windows)" on page 30

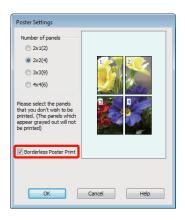


In the **Poster Settings** screen, select the number of pages you want in the poster.



Select borderless poster printing or poster printing with margins, and then select any pages that you do not want to print.

When borderless is selected: Select Borderless Poster Print.



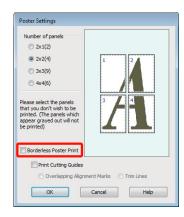
Tip:

If **Borderless Poster Print** is grayed out, the selected paper or the size does not support borderless printing.

△ "Supported Media Sizes for Borderless Printing" on page 58

TEpson Special Media Table" on page 108

When with margins is selected: Clear Borderless Poster Print.



Tip:

Regarding the size after joining together:

When **Borderless Poster Print** is cleared and printing with margins is selected, the **Print Cutting Guides** items are displayed.

The finished size is the same whether or not **Trim Lines** is selected. However, if **Overlapping Alignment Marks** is selected, the finished size is smaller with an overlap.

5

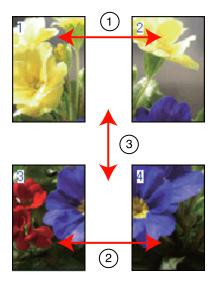
Check other settings, and then start printing.

Joining the output paper together

The steps for joining the output paper together differ between borderless poster printing and poster printing with margins.

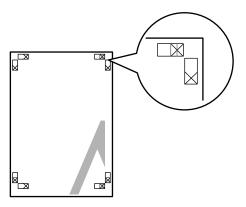
Borderless poster printing

This section describes how to join four printed pages together. Check and match the printed pages, and join them in the order indicated below using an adhesive tape on the back of the sheets.



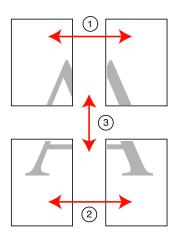
Poster printing with margins

When you select **Overlapping Alignment Marks**, the following marks are printed on the paper. See the procedures below to join the four printed pages together using the alignment marks.



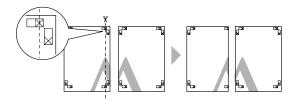
Tip:

The alignment marks are black for black-and-white printing.

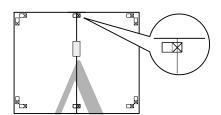


The following describes how to join four printed pages together.

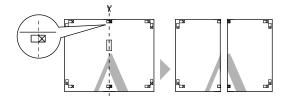
Cut the upper left sheet along the alignment mark (vertical blue line).



Lay the upper left sheet on top of upper right sheet. Lineup the X marks as shown in the illustration below, and temporarily fasten them using an adhesive tape on the back.

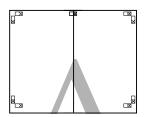


While two pages are overlapping, cut them along the alignment mark (vertical red line).



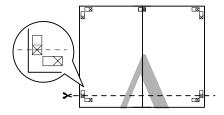
Join the left and right sheets together.

Use an adhesive tape to stick the backs of the sheets together.

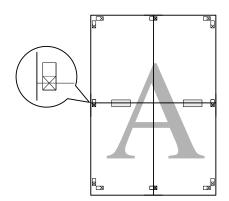


Repeat steps 1 to 4 for the lower sheets.

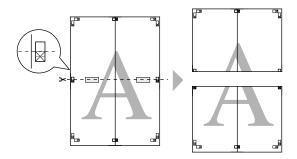
Cut the bottom of the upper sheets along the alignment marks (horizontal blue line).



Lay the upper sheet on top of the lower sheet. Lineup the X marks as shown in the illustration below, and temporarily fasten them using an adhesive tape on the back.



While two pages are overlapping, cut them along the alignment marks (horizontal red line).

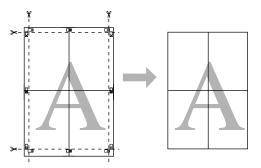


Join the upper and lower sheets together.

Use an adhesive tape to stick the backs of the sheets together.



After joining all of the sheets together, cut the margins along the outer guide lines.



User-defined Paper Sizes/ Custom Paper Sizes

You can also print on paper sizes that are not already available in the printer driver. User-defined paper sizes that have created and saved as described below can be selected using the application page setup option. If your application supports creating user defined sizes, follow the steps below to select the same size that was created in the application, and then print.





See the following for information on the paper sizes supported by this printer.

△ "Usable Commercially Papers" on page 109

In addition, the following paper sizes can be selected for **User Defined Paper Size** (Windows) or **Custom Paper Sizes** (Mac OS X) in the printer driver.

Note:

- Although you can specify a large paper size which cannot be loaded on this printer, it will not be printed properly.
- ☐ The available output size is limited depending on the application.

Auto sheet feeder/roll paper 1

Width	89.0–329.0 mm
Length	55.0–3276.7 mm ²

Front manual feed (poster board) ³/front manual feed (fine art media)

Width	210.0–329.0 mm
-------	----------------

Length 279.4–3276.7 mm²

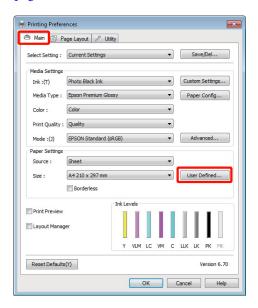
- 1 The paper length can be longer if the application supports banner printing. However, the actual print size depends on the application, the paper size loaded in the printer, and the computer environment.
- 2 The maximum length in Mac OS X is 1117.6 mm.
- 3 The top and bottom margins for paper sizes other than A3+ are 20 mm.

Making Settings in Windows

1

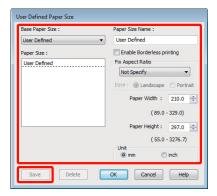
When the printer driver's **Main** screen is displayed, click **User Defined**.

The "Basic Printing Methods (Windows)" on page 30



- In the **User Defined Paper Size** screen, set the paper size you want to use, and then click **Save**.
 - ☐ You can enter up to 24 single-byte characters for the **Paper Size Name**.
 - ☐ The length and width values for a pre-defined size close to the desired custom size can be displayed by selecting the appropriate option in the Base Paper Size menu.

☐ If the length and width ratio is the same as a defined paper size, select the defined paper size from Fix Aspect Ratio and select either Landscape or Portrait for the Base. In this case, you can only adjust either the paper width or paper height.



Tip:

- To change the paper size you saved, select the paper size name from the list on the left.
- ☐ To delete the user-defined size you saved, select the paper size name from the list on the left, and then click **Delete**.
- ☐ You can save up to 100 paper sizes.

Click OK.

You can now select the new paper size from the **Size** menu in the **Main** tab.

You can now print as normal.

Making Settings for Mac OS X

When the Print screen is displayed, select

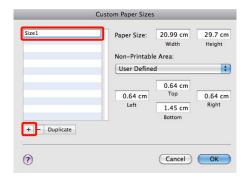
Manage Custom Sizes from the Paper Size list.

When using Mac OS X 10.4, or if items on the Page Setup screen are not displayed on the Print screen due to the application being used in Mac OS X 10.6 or 10.5, display the Page Setup screen and make settings.

△ "Basic Printing Methods (Mac OS X)" on page 31

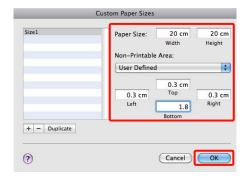


Click +, and then enter the paper size name.



Enter the **Width**, **Height** for the **Paper Size**, and enter the margins, and then click **OK**.

You can set the page size and printer margins depending on the printing method.



Tip:

- ☐ To change the contents that you saved, select the paper size name from the list on the left of the Custom Paper Sizes screen.
- ☐ To duplicate the user-defined size you saved, select the paper size name from the list on the left of the Custom Paper Sizes screen, and then click Duplicate.
- ☐ To delete the user-defined size you saved, select the paper size name from the list on the left of the **Custom Paper Sizes** screen, and then click
- ☐ The custom paper size setting differs depending on the operating system version.

 See your operating system's documentation for details.

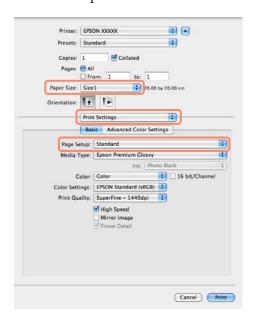
Click **OK**.

You can select the paper size you saved from the Paper Size pop-up menu.

Open the **Paper Size** menu and select the paper size saved using the **Custom Paper Size** dialog. Select **Print Settings** and choose a paper source in the **Page Layout** menu.

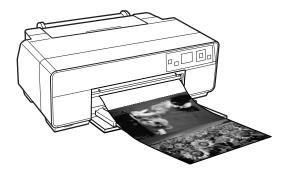
The paper sources available depend on the page size.

You can now print as normal.



Banner printing (on roll paper)

You can print banners and panoramic pictures if you create and set print data for banner printing in your application.



There are two ways to print a banner.

Printer Driver Source	Supported Applications
Roll paper	Document preparation software, image editing software, and so on*
Roll paper (Banner)	Applications that support banner printing

^{*} Create print data at a size supported by the given application while maintaining the printing length and width ratio.

The following printing sizes are available.

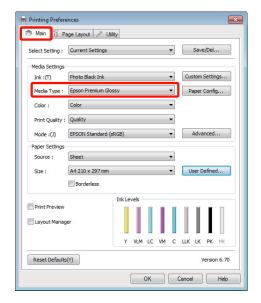
Available Media Sizes		
Width	89–329mm	
Length*	Windows: Max. 3,276.7 mm	
	Mac OS X: Max. 1,117.6 mm	

^{*} The paper length can be longer if using applications that support banner printing. Note, however, that the actual printable length varies with the application, the size of the paper loaded in the printer, and your computer system.

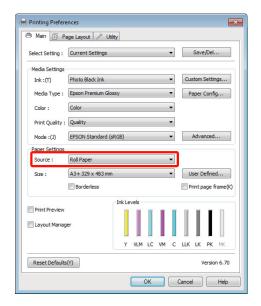
Making Settings in Windows

In the printer driver's **Main** screen, select **Media Type**.

△ "Basic Printing Methods (Windows)" on page 30



2 Select **Roll Paper** or **Roll Paper** (**Banner**) from the **Source** list.



Tip:

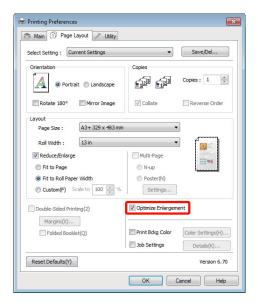
- You can only use **Roll Paper (Banner)** for applications that support banner printing.
- □ Selecting **Roll Paper (Banner)** sets the top and bottom margins of the paper to 0 mm.

Click **User Defined** and match the paper size to the size of the data if necessary.

Tip:

If you are using applications that support banner printing, you do not need to set **User Defined Paper Size** if you select **Roll Paper (Banner)** as the **Source**.

4 Make sure the **Optimize Enlargement** check box is selected.



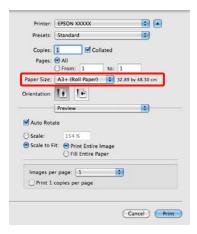
Check other settings, and then start printing.

Making Settings for Mac OS X

When the Print screen is displayed, select the size of the data created with the application in **Paper Size**.

When using Mac OS X 10.4, or if items on the Page Setup screen are not displayed on the Print screen due to the application being used in Mac OS X 10.6 or 10.5, display the Page Setup screen and make settings.

"Basic Printing Methods (Mac OS X)" on page 31



The following options are available for **Paper Size**.

- ☐ A3+ (Roll Paper)
- ☐ A3+ (Roll Paper Borderless Banner)

If you selected A3+ (Roll Paper), select **Page Layout** from the list and select **Cut Sheet** or **Banner** for **Roll Paper Option**.

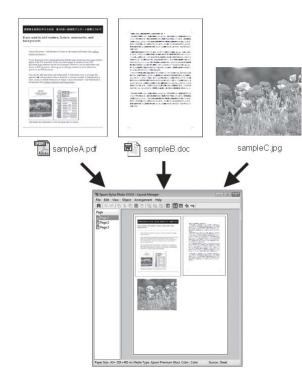


2 Check other settings and start printing.

Layout Manager (Windows only)

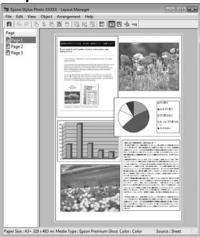
The Layout Manager function allows you to place multiple pieces of print data created in different applications on the paper freely and print them at once.

You can create a poster or display material by placing multiple pieces of print data where you like. Also, Layout Manager allows you to use paper effectively.

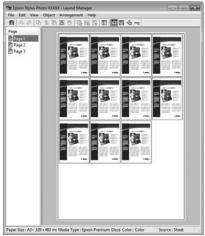


The following is a layout example.

Placing multiple data items



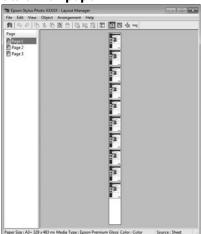
Placing the same data



Placing data freely



Placing data on roll paper

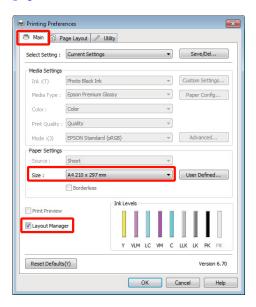


Setting Procedures for Printing

Check that the printer is connected and ready to print.

- Open the file you want to print in your application.
- Select **Layout Manager** in the **Main** tab of the printer driver and choose an option for **Size** that matches the size of the document created in the application.

△ "Basic Printing Methods (Windows)" on page 30



Tiv:

The option selected for **Size** is the size used in the **Layout Manager**. The actual printing paper size is set in the screen in step 7.

Click **OK**. When printing with an application, the **Layout Manager** screen opens.

The print data is not printed, but one page is placed on the paper of the **Layout Manager** screen as one object.

Leave the **Layout Manager** screen open and repeat steps 2 to 4 to arrange the next pieces of data.

The objects are added to the **Layout Manager** screen.

Arrange the objects on the **Layout Manager** screen.

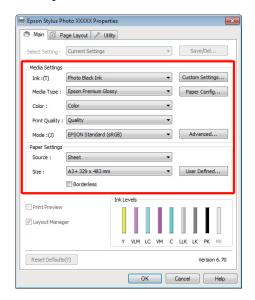
You can drag objects to move and resize them, use tool buttons and the **Object** menu to align and rotate objects on the **Layout Manager** screen.

You can resize and replace whole objects in the Preference or Arrangement Settings screens.

See the **Layout Manager** screen help for more details on each function.



Click **File** - **Properties**, and make print settings on the printer driver screen.



Set Media Type, Source, Size, and so on.

Click the **File** menu on the **Layout Manager** screen, and then click **Print**.

Printing starts.

Saving and Calling Layout Manager Settings

You can save the **Layout Manager** screen arrangement and setting contents to a file. If you need to close your application in the middle of a job, you can save it to a file and then open it later to continue your work.

Saving

- On the **Layout Manager** screen, click **File** menu and then **Save as**.
- Enter the file name, select the location, and then click **Save**.
- Close the **Layout Manager** screen.

Opening saved files

Right-click the utility icon () in the Windows taskbar and select **Layout Manager** from the menu that appears.

The Layout Manager screen is displayed.

If the utility icon does not appear in the Windows taskbar "Summary of the Utility Tab" on page 42

- On the **Layout Manager** screen, click **File** menu and then **Open**.
- Select the location and open the required file.

Printing Directly from a Digital Camera

You can print directly from digital cameras and other PictBridge-compatible devices connected via USB.

Note When Printing Directly from a Digital Camera

☐ The following table shows the types of paper and black ink that can be used.

If necessary, change the black ink before connecting the digital camera.

Media type/ink

Media types	Type of black ink
Plain Paper	Photo Black Matte Black
Premium Glossy Photo Paper	Photo Black
Premium Semigloss Photo Paper	
Matte Paper Heavy-weight	Matte Black

☐ Supported with auto sheet feeder only.

Printing

Load paper in the auto sheet feeder.

"Loading Paper into the Auto Sheet Feeder" on page 21

Choose a black ink in the control panel according to the type of paper used.

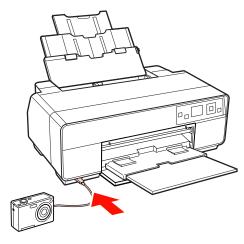
**Changing the Type of Black Ink" on page 34

Tip:

If necessary, select Wide for Platen Gap.

🖅 "The **Setup** Menu" on page 87

Turn the digital camera on and connect it using a USB cable.



Use the digital camera to select the photographs you wish to print and the number of copies and adjust other settings as necessary.

Tip:

- ☐ For information on menus and other operations, see the documentation for the digital camera.
- ☐ If you are unable to choose a paper size and type using the digital camera, the following default options will be used.

Paper size will be set to 4×6 in., no border, and the media type to an Epson paper corresponding to the type of black ink currently selected.

Start printing from the digital camera.

About Color Management

Even when using the same image data, the original image and the displayed image may look different, and the printed results may look different to the image you see on the display. This occurs due to the difference in characteristics when input devices such as scanners and digital cameras capture colors as electronic data, and when output devices such as display screens and printers reproduce colors from the color data. The color management system is a means to adjust differences in color conversion characteristics among input and output devices. As well as applications for image processing, each operating system is equipped with a color management system, such as ICM for Windows and ColorSync for Mac OS X.

In a color management system, a color definition file called a "Profile" is used to perform color matching between devices. (This file is also called an ICC profile.) The profile of an input device is called an input profile (or source profile), and of an output device, such as a printer, is called a printer profile (or output profile). A profile is prepared for each media type in this printer's driver.

The color conversion areas by the input device and the color reproduction area by the output device differ. As a result, there are color areas that do not match even when performing color matching using a profile. In addition to specifying profiles, the color management system also specifies conversion conditions for areas where color matching failed as "intent". The name and type of intent vary depending on the color management system you are using.

You cannot match the colors on the printed results and display by color management between the input device and the printer. To match both colors, you need to perform color management between the input device and the display as well.

Color Management Print Settings

You can perform color management printing using this printer's printer driver in the following two ways.

Choose the best method according to the application you are using, the operating system environment, the aim of the print out and so on.

Setting color management with the applications

This method is for printing from applications that support color management. All color management processes are carried out by the application's color management system. This method is useful when you want to obtain the same color management print results using a common application among different operating system environments.

"Setting color management with the applications" on page 81

Setting color management with the printer driver

The printer driver uses the operating system's color management system and carries out all color management processes. You can make color management settings in the printer driver using the following two methods.

☐ Host ICM (Windows)/ColorSync (Mac OS X)

Set when printing from applications that support color management. This is effective in producing similar print results from different applications under the same operating systems.

 ☐ "Color management printing by Host ICM (Windows)" on page 82

△ "Color management printing by ColorSync (Mac OS X)" on page 83

☐ Driver ICM (Windows only)

This allows you to perform color management printing from applications that do not support color management.

"Color management printing by Driver ICM (Windows only)" on page 85

Setting profiles

Settings for the input profile, printer profile, and intent (matching method) vary between three types of color management printing since their color management engines are used differently. This is because color management usage differs between the engines. Make settings in the printer driver or application as described in the following table.

	Input profile settings	Printer profile settings	Intent settings
Driver ICM	Printer	Printer	Printer
(Windows)	Driver	Driver	Driver
Host ICM	Applicatio	Printer	Printer
(Windows)	n	Driver	Driver
ColorSync	Applicatio	Printer	Applicatio
(Mac OS X)	n	Driver	n
Application	Applicatio	Applicatio	Applicatio
	n	n	n

Printer profiles for each paper type that is needed when performing color management are installed with the printer's printer driver. You can select the profile from the printer driver's settings screen.

See the following for detailed information.

△ "Color management printing by ColorSync (Mac OS X)" on page 83

△ "Setting color management with the applications" on page 81

Setting color management with the applications

Print using applications with a color management function. Make the color management settings in the application and disable the printer driver's color adjustment function.

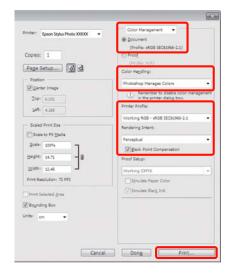


Make color management settings in the applications.

Example of Adobe Photoshop CS4

Open the **Print** screen.

Select Color Management and then Document. Select Photoshop Manages Colors as the Color Handling setting, select the Printer Profile and the Rendering Intent, and then click Print.



2

Display the printer driver's settings screen (Windows) or Print screen (Mac OS X).

Make printer driver settings.

For Windows

△ "Basic Printing Methods (Windows)" on page 30

For Mac OS X

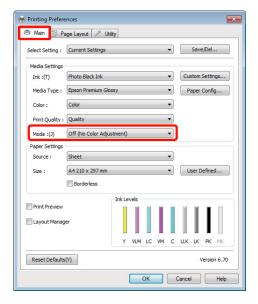
△ Basic Printing Methods (Mac OS X)" on page 31

3

Set color management to off.

For Windows

In the **Main** screen, select **Custom** as the **Mode** setting, and select **Off** (**No Color Adjustment**).

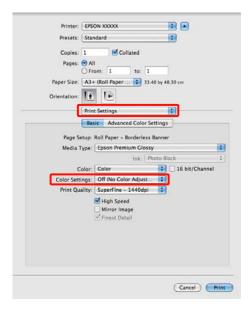


Tip:

In Windows 7, Windows Vista, and Windows XP (Service Pack 2 or later and .NET 3.0) **Off (No Color Adjustment)** is selected automatically.

For Mac OS X

Select **Print Settings** from the list, and then select **Off (No Color Adjustment)** as the **Color Settings** setting.



4

Check other settings, and then start printing.

Setting color management with the printer driver

Color management printing by Host ICM (Windows)

Use image data in which an input profile has been embedded. Also, the application must support ICM.



Make the settings for color adjustment using the application.

Depending on the type of the application, make the settings following the table below.

Adobe Photoshop CS3 or later Adobe Photoshop Elements 6.0 or later Adobe Photoshop Lightroom 1 or later

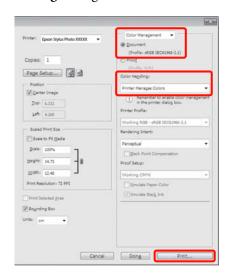
os	Color Management Settings
Windows 7 Windows Vista Windows XP (Service Pack 2 or	Printer Manages Colors
later and .NET 3.0 or later)	No Color Management
(other than the above)	co.oa.dgemene

In other applications, set **No Color Management**.

Example of Adobe Photoshop CS4

Open the **Print** screen.

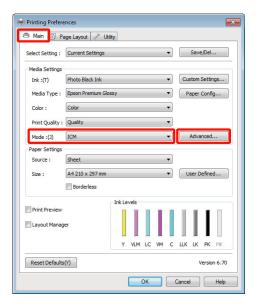
Select **Color Management** and then **Document**. Select **Printer Manages Colors** as the **Color Handling** setting, and then click **Print**.



When using applications without a color management function, start from step 2.

In the printer driver's **Main** screen, select **Custom** as the **Mode**, select **ICM**, and then click **Advanced**.

△ Basic Printing Methods (Windows)" on page 30



3 Select Host ICM.

When Epson special media is selected from **Media Type** in the **Main** screen, the printer profile corresponding to the media type is automatically selected and displayed in the **Printer Profile Description** box.

To change the profile, select **Show all profiles** at the bottom.



4 Check other settings, and then start printing.

Color management printing by ColorSync (Mac OS X)

Use image data in which an input profile has been embedded. Also, the application must support ColorSync.

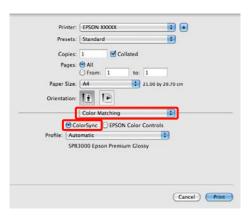
For Mac OS X 10.5 or 10.6

Depending on the application, color management printing by **ColorSync** may not be supported.

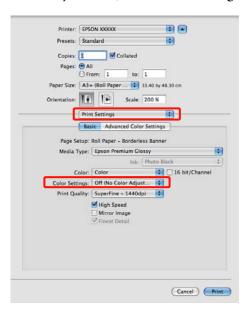
- Disable the color management functions in the application.
- Display the Print screen.

"Basic Printing Methods (Mac OS X)" on page 31

Select **Color Matching** from the list, and then click **ColorSync**.



Furthermore, in Mac OS X 10.5 select **Print Settings** from the list, and then select **Off** (**No Color Adjustment**) from **Color Settings**.



For Mac OS X 10.4

1

Disable the color management functions in the application.

Depending on the type of the application, make the settings following the table below.

Applications	Color Management Settings
Adobe Photoshop CS3 or later	Printer Manages Colors
Adobe Photoshop Lightroom 1 or later	
Adobe Photoshop Elements 6 or later	
Other applications	No Color Management

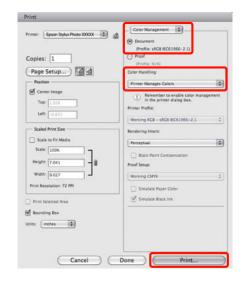
Tip:

For information on the operating systems supported by each application, visit the distributor's website.

Example of Adobe Photoshop CS4

Open the **Print** screen.

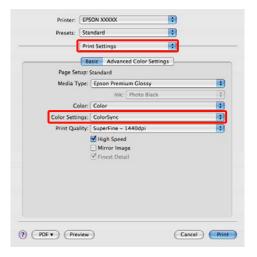
Select Color Management and then Document. Select Printer Manages Colors as the Color Handling setting, and then click Print.



2

Display the Print screen, select **Print Settings** from the list, and then select **ColorSync** as the **Color Settings**.

△ Basic Printing Methods (Mac OS X)" on page 31



3

Check other settings, and then start printing.

Color management printing by Driver ICM (Windows only)

The printer driver uses its own printer profiles to perform color management. You can use the following two color correction methods.

☐ Driver ICM (Basic)

Specify one type of profile and intent for processing the entire image data.

☐ Driver ICM (Advanced)

The printer driver distinguishes the image data into the **Image**, **Graphics**, and **Text** areas. Specify three types of profiles and intents for processing each area.

When using applications featuring a color management function

Make the settings for color processing using the application before making printer driver settings.

Depending on the type of the application, make the settings following the table below.

Adobe Photoshop CS3 or later Adobe Photoshop Elements 6.0 or later Adobe Photoshop Lightroom 1 or later

os	Color Management Settings
Windows 7 Windows Vista Windows XP (Service Pack 2 or later and .NET 3.0 or later)	Printer Manages Colors
Windows XP (other than the above)	No Color Management

In other applications, set No Color Management.

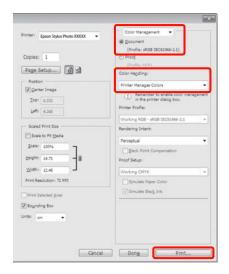
Tip:

For information on the operating systems supported by each application, visit the distributor's website.

Example of Adobe Photoshop CS4

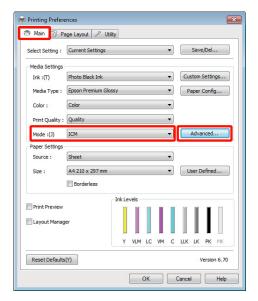
Open the **Print** screen.

Select **Color Management** and then **Document**. Select **Printer Manages Colors** as the **Color Handling** setting, and then click **Print**.



From **Mode** in the printer driver's **Main** screen, select **Custom** as the mode, select **ICM**, and then click **Advanced**.

△ Basic Printing Methods (Windows)" on page 30

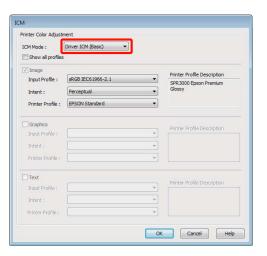


From ICM Mode in the ICM screen, select Driver ICM (Basic) or Driver ICM (Advanced).

If you select **Driver ICM** (**Advanced**), you can specify the profiles and intent for each image such as photos, graphics, and text data.

Intent	Explanation
Saturation	Keeps the current saturation unchanged and converts the data.
Perceptual	Converts the data so that a more visually natural image is produced. This feature is used when a wider gamut of color is used for image data.
Relative Colorimetric	Converts the data so that a set of color gamut and white point (or color temperature) coordinates in the original data match their corresponding print coordinates. This feature is used for many types of color matching.

Intent	Explanation
Absolute Colorimetric	Assigns absolute color gamut coordinates to the original and print data and converts the data. Therefore, color tone adjustment is not performed on any white point (or color temperature) for the original or print data. This feature is used for special purposes such as logo color printing.



Check other settings and start printing.

Using the Control Panel

Using the Control Panel

Menus

After confirming that **Ready** is displayed in the control panel's screen, press the **OK** button to display the **Menu**. The following five menus are available.



☐ The Change Black Ink menu

Change from one type of black ink to another.

"Changing the Type of Black Ink" on page 34

△ "Supported Media" on page 107

☐ The Load Thick Media menu

Follow on-screen instructions for loading the fine art media and poster board.

☐ The Load CD/DVD menu

Follow on-screen instructions for loading CDs and DVDs.

☐ The **Load Roll Paper** menu

Follow on-screen instructions for loading roll paper.

☐ The **Setup** menu

Perform printer maintenance and adjust printer settings.

The **Setup** Menu" on page 87

The Setup Menu

Using the Menu

- Press the OK button to display the **Menu**.
- Press ◀ or ▶ button to highlight **Setup**.



- Press ▲ or ▼ button to display the desired item.
- Press the OK button to select the current item or perform the selected operation.

If there are further options available for the current item, repeat Steps 2 and 3 to select the desired option.

Using the Control Panel

Item

The **Setup** menu contains the following items and parameters.

The factory setting is .

Maintenance

ltem	Parameter	Explanation
Nozzle Check	-	Check whether the print head nozzles are clogged. ———————————————————————————————————
Head Cleaning	-	Perform head cleaning if you notice banding or gaps in the print results. Head cleaning cleans the surface of the print head to improve the print quality.
Cleaning Sheet	-	Select this option to pass (feed and eject) plain paper through the printer and clean its inside.
		"Cleaning the Inside of the Printer" on page 94

Printer Setup

ltem	Parameter	Explanation
Black Ink Change Setting	Standard	Select Economy to reduce the amount of ink consumed when
	Economy	switching from one black ink to another. Note, however, that this may result in uneven gloss in areas printed with black ink after the switching.
		Select Standard to ensure adequate print quality after switching black inks.
Paper Skew Check	On	This option only takes effect with fine art media and poster board.
	Off	Select On to display an error in the control panel's screen when the paper is fed in at a slant.
		On is recommended, as feeding the paper at a slant can cause the paper to jam.
Platen Gap	Standard	This option is only available when printing from a PictBridge-compatible device.
	Wide	Select the platen gap which is the distance between the print head and the paper.
		Normally, select Standard . Choose Wide if print results are scratched or smudged.
		This item is reset when the printer is turned off and the factory setting restored when the printer is next turned on.
Power Off Timer*	Off	The printer turns off automatically if no operations are performed
	4 Hours	for the selected period after it enters sleep mode.
	8 Hours	
Language	-	Select the language used on the control panel's screen.

Using the Control Panel

*About Power Management using Power Off Timer You can adjust the time before Power Management is applied.

Any increase will affect the printer's energy efficiency.

Please consider the environment before making any change.

Network Settings

ltem	Parameter	Explanation
Wireless LAN Setup	Setup Wizard	Adjust settings for connection to a wireless LAN.
	Push Button Setup (WPS)	When using a wireless LAN, enable a security option such as WEP or WPA. Unsecured networks are subject to monitoring by
	PIN Code Setup (WPS)	unknown individuals and other security risks that can result in data being revealed to third parties.
	Disable Wireless LAN	Select Disable Wireless LAN to use a wired LAN.
		See the following for more information on configuring the printer for connection to a network.
		☑ Network Guide (PDF)
General Network Setup	-	Choose a printer name and adjust TCP/IP settings for connection to a network.
		☑ Network Guide (PDF)
Check Network	-	Check the printer's connection to the network.
Connection		The results can be printed for more complete information. See the following for information on how to interpret the printed results.
		☑ Network Guide (PDF)
Confirm Network Settings	Printer Name, Connection,	View network settings and connection status.
	Signal Strength, Obtain IP Address	A status sheet can be printed for more complete information.

Restore Default Settings

ltem	Parameter	Explanation
Reset Network Settings	-	Return network settings to their factory settings.
Reset All except Network Settings	-	Return all control panel settings except network settings to their factory settings.
Reset All Settings	-	Return all settings to their factory settings.

Maintenance

Adjusting the Print Head

You need to adjust the print head if white lines appear in your print outs or if you notice the print quality has declined. You can perform the following printer maintenance functions for maintaining the print head in good condition to ensure the best print quality.

Carry out appropriate maintenance depending on the print results and situation.

Checking for clogged nozzles

Check whether the print head nozzles are clogged. If the nozzles are clogged, print results may include banding or unusual colors. Perform print head cleaning if the nozzles are clogged.

"Checking for clogged nozzles" on page 90

Head cleaning

Perform head cleaning if you notice banding or gaps in the print results. Head cleaning cleans the surface of the print head to improve the print quality.

△ "Head Cleaning" on page 91

Adjusting the print head position (Print head alignment)

If the print results appear grainy or out of focus, perform Print Head Alignment. The Print Head Alignment function corrects print misalignments.

△ "Correcting Print Misalignment (Print Head Alignment)" on page 91

Checking for clogged nozzles

Print a pattern to check if the print head nozzle is clogged. When checking the printed pattern, if you see banding or any gaps in the print out you should perform head cleaning.

From the computer

Explanations in this section use the Windows printer driver as an example.

Use **Epson Printer Utility 4** for Mac OS X.

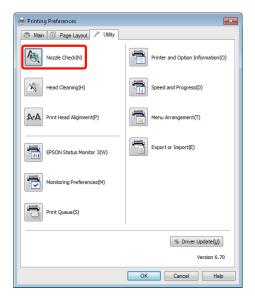
Tepson Printer Utility 4 Functions" on page 45

Place regular A4 paper in the auto sheet feeder.

△ "Loading Paper into the Auto Sheet Feeder" on page 21

Click **Nozzle Check** from the **Utility** tab in the printer driver's **Properties** (or **Print Settings**) screen.

Follow the on-screen instructions.



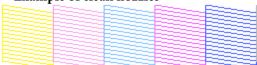
From the printer

- Press the **OK** button to display the **Menu**.
- Select Setup, Maintenance, and then Nozzle Check.
- Place regular A4 paper in the auto sheet feeder and press the OK button.

Check the results.

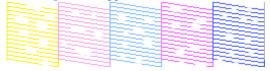
Review the printed nozzle check pattern while referring to the following section.

Example of clean nozzles



There are no gaps in the nozzle check pattern.

Example of clogged nozzles



If any segments are missing in the nozzle check pattern, perform head cleaning.

Head Cleaning

Notes on head cleaning

Note the following points when performing head cleaning.

- ☐ Clean the print head only if print quality declines; for example, if the printout is blurry or the color is incorrect or missing.
- ☐ Head cleaning uses ink from all ink cartridges. Even if you are using only black inks for black and white printing, color inks are also consumed.
- ☐ If the nozzles are still clogged after you have performed around four cycles of nozzle checks and head cleaning, turn the printer off, wait for at least six hours, and perform a nozzle check and head cleaning again. Leaving the cartridges undisturbed for a period of time may allow the ink that is causing the clog to dissolve.

If the nozzles are still clogged, contact your dealer or Epson Support.

Performing Head Cleaning

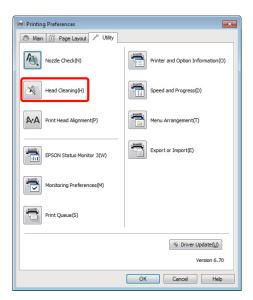
From the computer

Explanations in this section use the Windows printer driver as an example.

Use **Epson Printer Utility 4** for Mac OS X.

"Using Epson Printer Utility 4" on page 45

Click **Head Cleaning** from the **Utility** tab in the printer driver's **Properties** (or **Print Settings**) screen.



Pollow the on-screen instructions. Head cleaning may take as long as about six and a half minutes.

From the printer

Press the **OK** button to display the **Menu**.

The **Setup** Menu" on page 87

Select Setup, Maintenance, and then Head Cleaning.

Further instructions are displayed in the control panel's screen.

Correcting Print Misalignment (Print Head Alignment)

Because there is a small distance between the print head and paper, misalignment may occur due to humidity or temperature, the inertial force of the print head's movements, or by moving the print head bidirectionally. As a result, print results may appear grainy or out of focus. When this happens, perform Head Alignment to correct the print misalignment.

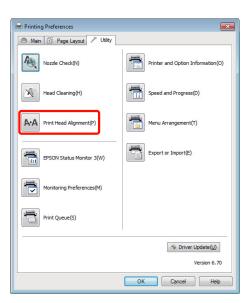
This operation is performed from the computer.

Place several sheets of A4 Photo Quality Inkjet Paper in the auto sheet feeder.

△ "Loading Paper into the Auto Sheet Feeder" on page 21

Click **Print Head Alignment** from the **Utility** tab in the printer driver's **Properties** (or **Print Settings**) screen.

Follow the on-screen instructions.



Replacing Ink Cartridges

Ink Cartridge Product Numbers

Ink color	Product number
Yellow (Y)	T1574
Vivid Light Magenta (VLM)	T1576
Light Cyan (LC)	T1575
Vivid Magenta (VM)	T1573
Cyan (C)	T1572
Light Light Black (LLK)	T1579
Light Black (LK)	T1577
Photo Black (PK)	T1571
Matte Black (MK)	T1578

How to replace

If one of the installed ink cartridges is expended, printing cannot be performed. If an ink low warning is displayed, we recommend replacing the ink cartridge(s) as soon as possible.

If an ink cartridge runs out while printing, you can continue printing after replacing the ink cartridge. However, when replacing ink during a print job, you may see a difference in color depending on the drying conditions.

Supported ink cartridges T "Ink Cartridge Product Numbers" on page 92

The following procedure uses Yellow ink as an example. You can use the same procedure to replace all ink cartridges.

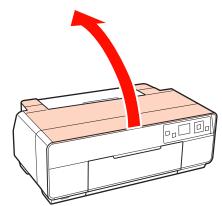
Note:

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 printer behavior.

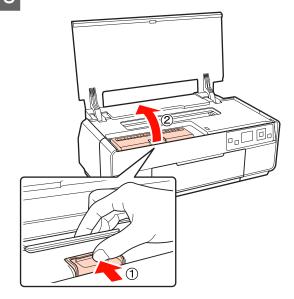
Information about non-genuine ink levels may not be displayed, and use of non-genuine ink is recorded for possible use in service support.

Make sure the printer is on.

2 Open the printer cover.



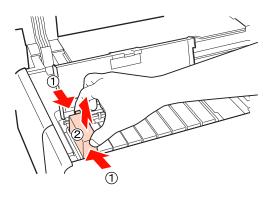
Open the cartridge cover.



Remove the ink cartridge that will be replaced.

Hold the cartridge by the hooks and lift it straight up.

If the cartridge does not come out easily, pull harder.

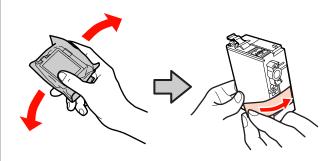


Note:

Removed ink cartridges may have ink around the ink supply port, so be careful not to get any ink on the surrounding area when removing the cartridges.

Holding the new cartridge as shown, shake it four or five times and then remove it from the package and peel off the yellow film.

You may hear a rattling sound from inside the cartridge when it is shaken.

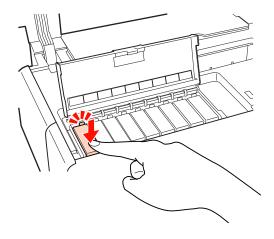


Note:

Do not touch the green IC chip on the ink cartridges. You may not be able to print properly.

6 Insert the new ink cartridge.

Push the cartridge in until it clicks into place.

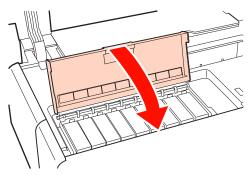


Repeat steps 4 to 6 to replace other ink cartridges.

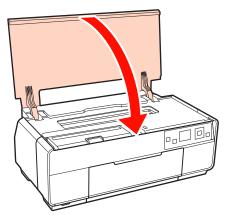
Note:

Install all ink cartridges. You cannot print if one or more colors of ink cartridge are not inserted.

7 Close the cartridge cover.



8 Close the printer cover.



Cleaning the Inside of the Printer

Clean the rollers by passing (feeding and ejecting) one of the following types of paper through the printer.

Plain Paper

If the print results are scratched or smudged, there may be dirt on the rollers. Pass (feed and eject) plain paper through the printer to remove dirt from the rollers.

Cleaning sheet

If a cleaning sheet is provided with the Epson special media, you can pass (feed and eject) it through the printer to clean the rollers when plain paper fails to produce the desired results.

See the manual supplied with the paper for more information.

1 Turn on the printer.

Insert A3 or A3+ plain paper or a cleaning sheet into the auto sheet feeder.

Plain paper: If the paper is smaller than A3 or A3+, only the area corresponding to the size of the paper will be cleaned.

Cleaning sheet: Remove the protective covering from the cleaning sheet and place the sheet in the auto sheet feeder. Adhesive tape is located beneath the protective covering. Do not touch the adhesive tape or attach it to other objects.

Select Setup, Maintenance, and then Cleaning Sheet in the control panel menus.

The **Setup** Menu" on page 87

Further instructions are displayed in the control panel's screen.

Plain paper: Continue feeding and ejecting paper until no ink smudges are detected.

Cleaning sheet: Feed and eject the paper three times.

Problem Solver

Messages

If one of the following messages is displayed in the control panel's screen, refer to the solutions listed here and perform the necessary steps to fix the problem.

Message	What to do
Printer error. Turn power off and then on again. For details, see your documentation.	Turn off the printer, and then turn it back on. If the problem persists, turn off the printer, open the printer cover, and check that there are no paper jams or foreign objects in the printer. Remove any foreign objects you discover and turn on the printer.
The combination of IP address and subnet mask is invalid. See your documentation.	See the Network Guide (PDF).
Close the printer cover and press OK to finish. See your documentation for details. Press OK to finish. See your documentation for details.	Refer to the appropriate section below. The paper from the Auto Sheet Feeder Jams During Printing on page 101 The Jammed Fine Art Media on page 103 The Jammed Poster Board on page 103 The "Roll paper jam" on page 104 The CD/DVD Tray Is Jammed on page 105
The printer's ink pads are nearing the end of their service life. Please contact Epson support. The printer's ink pads are at the end of their service life. Please contact Epson support. Service call error. Please contact Epson support.	Contact your dealer or Epson Support any time that "Please contact Epson support" is displayed.
The printer parts are nearing the end of their service life. Please contact Epson support.	

Troubleshooting

You cannot print (because the printer does not work)

The printer does not turn on.

Is the power cable plugged into the electrical outlet or the printer?

Make sure the power cable is securely plugged into the printer.

Is there any problem with the electrical outlet?

Make sure your outlet works by connecting the power cable for another electric product.

■ Press and briefly hold the 🖰 button.

The printer turns off automatically.

Have you set the Power Off Timer setting to Enable?

If you do not want the printer to turn off automatically, set this setting to **Off**.

The **Setup** Menu" on page 87

Cannot Print

■ Confirm the printer operation.

Print a nozzle check pattern.

"Checking for clogged nozzles" on page 90

If a nozzle check pattern is printed, the printer has not malfunctioned.

Check the following.

"Cannot Print from the Printer Driver" on page 96

If the nozzle check pattern is not printed correctly, the printer may require repair.

Contact your dealer or Epson Support.

Cannot Print from the Printer Driver

■ Is the cable plugged in properly?

Make sure the printer's interface cable is securely plugged into the correct terminal of the computer and the printer. Also, make sure the cable is not broken nor bent. If you have a spare cable, try connecting with the spare cable.

Does the interface cable specification match the specifications for the computer?

Make sure the interface cable specifications match the specifications for the printer and the computer.

△ "Specifications Table" on page 112

Is the interface cable connected directly to the computer?

If you use a printer switching device or extension cable between the printer and the computer, you may not able to print depending on the their combinations. Connect the printer and the computer directly with the interface cable and check if you can print normally.

■ When using a USB hub, is it being used correctly?

In the USB specification, daisy-chains of up to five USB hubs are possible. However, we recommend that you connect the printer to the first hub connected directly to the computer. Depending on the hub you are using, the operation of the printer may become unstable. If this should occur, plug the USB cable directly into your computer's USB port.

■ Is the USB hub recognized correctly?

Make sure the USB hub is recognized correctly on the computer. If the USB hub is recognized correctly, unplug all of the USB hubs from the computer's USB port, and then connect the printer's USB interface connector directly to the computer's USB port. Ask the USB hub manufacturer about USB hub operation.

Is the printer icon listed in the Devices and Printers, Printers, or Printers and Faxes folder (Windows)?

If the printer icon is not listed, the printer driver is not installed. Install the printer driver.

■ Does the printer port setting match the printer connection port? (Windows)

Check the printer port.

Click the **Ports** tab in the printer driver's Properties screen, and check the **Print to the following port(s)**.

- USB: USB xxx (x stands for the port number) for the USB connection
- ☐ Network: The correct IP address for the network connection

If it is not indicated, the printer driver is not installed correctly. Delete and reinstall the printer driver.

"Uninstalling the printer driver" on page 44

Is the printer added to the printer list? (Mac OS X)

Click the Apple Menu, the **System Preferences** folder, and then the **Print & Fax** folder.

If the printer name is not displayed, add the printer.

You cannot print under the network environment.

Connect the printer directly to the computer using a USB cable, and then try to print.

If you can print via USB, there are some problems on the network environment. See the *Network Guide* (PDF). If you cannot print via USB, see the appropriate section in this User's Guide.

The printer has an error.

■ Check the message in the screen.

△ "Messages" on page 95

The printer stops printing.

Is the status of print queue Pause? (Windows)
If you stop printing or the printer stops printing
because of an error, the print queue enters a Pause
status. You cannot print in this status.

Double-click the printer icon in the **Devices and Printers**, **Printers**, or **Printers and Faxes** folder; if printing is paused, deselect **Pause Printing** in the **Printer** menu.

Is the status in the Printer Setup Utility (or Print Center) is paused? (Mac OS X)

Mac OS X 10.5 and 10.6:

If you click **Pause Printer** in **Print & Fax**, the printer does not start printing until it is released.

- (1) Click the Apple Menu, the **System Preferences** folder, and then the **Print & Fax** folder.
- (2) Double-click the paused printer.
- (3) Click Resume Printer.

Mac OS X 10.4:

If you click **Stop Jobs** in the **Printer Setup Utility**, the printer does not start printing until it is released.

- (1) Double-click the **Applications** folder, the **Utilities** folder, and then **Printer Setup Utility**.
- (2) Double-click the paused printer.
- (3) Click the job that is paused, and then click **Start Jobs**.

If **Printer Setup Utility** (or **Print Center**) is displayed in the Dock, you can follow the steps below.

- (1) Click the **Printer Setup Utility** (or **Print Center**) icon in the Dock.
- (2) Double-click the paused printer.
- (3) Select the paused job and click **Start Jobs**.

Your problem is not listed here.

Decide whether the trouble is caused by the printer driver or the application. (Windows)

Perform a test print from the printer driver so that you can check that the connection between the printer and computer is correct and the printer driver settings are correct.

- (1) Make sure that the printer is turned on and in ready status, and load A4 or larger paper.
- (2) Open the **Devices and Printers**, **Printers and Faxes**, or **Printers** folder.
- (3) Right-click the target printer icon, and select **Properties**.
- (4) On the **General** tab, click the **Print Test Page** button.

After a while the printer starts to print a test page.

- If the test page is printed correctly, the connection between the printer and computer is correct. Go to the next section.
- ☐ If the test page is not printed correctly, check the items above again.

"You cannot print (because the printer does not work)" on page 96

The "Driver Version" shown on the test page is the version number of the Windows internal driver. This differs from the Epson printer driver version that you installed.

The printer sounds like it is printing, but nothing prints

■ Has the printer been left unused for a long time?

If the printer has not been used for a long time, the nozzles may have dried up and have been clogged. If the printer has been left unused for an extended period, check that the print heads are not clogged before resuming printing. If the print heads are clogged, perform head cleaning.

"Checking for clogged nozzles" on page 90

Print Quality/Print Results

Print quality is poor, uneven, too light, or too dark.

■ Are the print head nozzles clogged?

If the nozzles are clogged, specific nozzles do not fire ink and the print quality declines. Check whether the nozzles are clogged.

"Checking for clogged nozzles" on page 90

Perform print head cleaning if the nozzles are clogged.

"Head Cleaning" on page 91

■ Was Head Alignment performed?

With bidirectional printing, the print head prints while moving left and right. If the print head is misaligned, ruled lines may be misaligned accordingly. If vertical ruled lines are misaligned with bidirectional printing, perform Head Alignment.

"Correcting Print Misalignment (Print Head Alignment)" on page 91

Are you using a genuine Epson ink cartridge?

This printer is developed for use with Epson ink cartridges. If you use non-Epson ink cartridges, the prints may smear, or the color of the printed image may be changed because the remaining ink level is not correctly detected. Be sure to use the correct ink cartridge.

■ Are you using an old ink cartridge?

The print quality declines when an old ink cartridge is used. Replace the old ink cartridge with a new one. We recommend using the ink cartridge before the expiry date printed on the packaging (within six months after installing in the printer).

■ Are the Media Type settings correct?

Print quality will be affected if the paper currently loaded in the printer does not match the **Media Type** selected in the printer driver **Main** tab (Windows) or Print screen (Mac OS X). Be sure to match the media type setting with the paper that is loaded in the printer.

Did you select a low quality mode (such as Speed) as the Print Quality?

The print quality may decline when you select **Speed** for **Print Quality** or make **Quality Options** settings that assign priority to speed from the printer driver. If you want to improve your print quality, select a setting that assigns priority to quality.

Was color management performed?

Perform color management.

Have you compared the printing result with the image on the display monitor?

Since monitors and printers produce colors differently, printed colors will not always match on-screen colors perfectly.

Are you printing with PhotoEnhance (auto print quality adjustment)?

PhotoEnhance optimally enhances data that lacks appropriate contrast or saturation for clear results when printing. As a result, colors in images printed with PhotoEnhance may differ from those displayed on screen.

"Auto Correct Color and Print Photos (PhotoEnhance)" on page 48

■ Did you print a photograph or other color image on plain paper?

The type of paper used for color printing has a large effect on the quality of the results. Choose a paper (including special medias and plain paper) according to your intended purpose.

■ Did you print on the wrong side of the paper? Special medias have a back (non-printable) side. Place the front (printable) side on top.

The color is not exactly the same as another printer.

■ Colors vary depending on the printer type due to each printer's characteristics.

Because inks, printer drivers, and printer profiles are developed for each printer model, the colors printed by different printer models are not exactly the same.

You can achieve similar colors with the same color adjustment method or the same gamma setting by using the printer driver.

"Color Management Printing" on page 80

The print is not positioned properly on the paper.

Have you specified the print area?
Check the print area in the settings of the application and the printer.

■ Is the paper size setting correct?

If the **Paper Size** setting in the printer driver and the size of the loaded paper do not match, the print may not be where you want it, or part of it may be cut off. In this case, check the print settings.

Is fine art media or poster board skewed?

If Off is selected for Paper Skew Check in the Setup menu, fine art media and poster board may become skewed during printing and the paper may not be in the printable area. Select On for Paper Skew Check in the Setup menu.

The **Setup** Menu" on page 87

Vertical ruled lines are misaligned.

Is the print head misaligned? (in bidirectional printing)

With bidirectional printing, the print head prints while moving left and right. If the print head is misaligned, ruled lines may be misaligned accordingly. If vertical ruled lines are misaligned with bidirectional printing, perform Head Alignment.

"Correcting Print Misalignment (Print Head Alignment)" on page 91

The printed surface is scuffed or soiled.

■ Is the paper too thick or too thin?

Check that the paper specifications are compatible with this printer. For information about the media types and appropriate settings for printing on paper from other manufacturers or when using RIP software, see the manual supplied with the paper, or contact the dealer of the paper or the manufacturer of the RIP.

■ Is the paper creased or folded?

Do not use old paper or paper with folds in it. Always use new paper.

■ Is the paper wavy or slack?

Cut sheets become wavy or slack due to changes in temperature or humidity which may result in the printer being unable to recognize the paper size correctly. Flatten the paper before loading it in the printer, or use new paper.

Are you printing from a PictBridge-compatible device?

If the print results for data printed from a digital camera or other PictBridge-compatible device are scratched or smudged, select **Wide** for **Printer Setup**, **Platen Gap** in the **Setup** menu.

△ The **Setup** Menu" on page 87

■ Is the Inside of the printer dirty?

There may be dirt on the rollers. Pass (feed and eject) paper through the printer to clean the rollers.

"Cleaning the Inside of the Printer" on page 94

The paper is creased.

Are you using the printer at normal room temperature?

Epson special media should be used at normal room temperature (temperature: 15 to 25°C, humidity: 40 to 60%). For information about paper such as thin paper from other manufacturers that requires special handling, see the manual supplied with the paper.

When using non-Epson special media, have you made the Paper Configuration?

Before printing on paper other than Epson special-purpose media, adjust settings in the printer driver **Paper Configuration** tab to match the paper. See the printer driver help for more details on the **Paper Configuration** screen.

Too much ink is fired.

■ Are the Media Type settings correct?

Make sure that the printer driver 's **Media Type** settings match the paper that you are using. The amount of ink to be fired is controlled according to the media type. If the settings do not match the paper loaded, too much ink may be fired.

Is the Color Density setting correct?
Lower the density of the ink in the Paper
Configuration screen from the printer driver. The
printer may be firing too much ink for some paper. See
the printer driver help for more details on the Paper
Configuration screen.

Did you shake the ink cartridge before installing it in the printer?

The printer uses pigment inks, which require that the ink inside the cartridge be mixed before the cartridge is installed.

#Replacing Ink Cartridges" on page 92

Margins appear in borderless printing.

Are the settings for the print data in the application correct?

Make sure that the paper settings in the application are correct as well as in the printer driver.

"Borderless printing" on page 57

■ Are the paper settings correct?

Make sure that the paper settings of the printer match the paper that you are using.

Have you changed the amount of enlargement?

Adjust the amount of enlargement for borderless printing. Margins may appear if you set the amount of enlargement to **Min**.

■ Is the paper stored correctly?

The paper may expand or contract if it is not stored correctly so that margins appear even when borderless is set. See the manual supplied with the paper for more information on the storage method.

Are you using paper that supports borderless printing?

Paper that does not support borderless printing may expand or contract while printing so that margins appear even when borderless is set.We recommend using paper that is designed to support borderless printing.

△ "Epson Special Media Table" on page 108

Unable to feed or eject paper.

Is the paper loaded in the correct position? See the following for the correct paper loading positions.

△ "Loading Cut Sheets" on page 21

"Loading and Cutting Roll Paper" on page 26

If the paper is loaded correctly, check the condition of the paper that you are using.

■ Is the paper loaded in the correct direction?

Load cut sheets vertically. If the paper is not loaded in the correct orientation, the printer will not recognize the paper or feed it correctly, resulting in errors.

△ "Loading Cut Sheets" on page 21

■ Is the paper creased or folded?

Do not use old paper or paper with folds in it. Always use new paper.

■ Is the paper damp?

Do not use paper that is damp. Also, Epson special media should be left in the bag until you intend to use it. If it is left out for a long time, the paper curls up and gets damp so that it does not feed properly.

■ Is the paper wavy or slack?

Cut sheets become wavy or slack due to changes in temperature or humidity which may result in the printer being unable to recognize the paper size correctly. Flatten the paper before loading it in the printer, or use new paper.

Is the paper too thick or too thin?

Check that the paper specifications are compatible with this printer. For information about the media types and appropriate settings for printing on paper from other manufacturers or when using RIP software, see the manual supplied with the paper, or contact the dealer of the paper or the manufacturer of the RIP.

Are you using the printer at normal room temperature?

Epson special media should be used at normal room temperature (temperature: 15 to 25°C, humidity: 40 to 60 %).

■ Is paper jammed in the printer?

Open the printer cover of the printer and check that there are no paper jams or foreign objects in the printer. If paper is jammed, see below and clear the jammed paper.

"Paper from the Auto Sheet Feeder Jams During Printing" on page 101

"Jammed Fine Art Media" on page 103

△ "Jammed Poster Board" on page 103

△ "Roll paper jam" on page 104

The CD/DVD Tray Is Jammed" on page 105

■ The rollers inside the printer may be dirty.

If a cleaning sheet is provided with the paper, pass (feed and eject) it through the printer to clean the rollers.

Did you leave the front manual feed tray open when installing roll paper?

Install roll paper after closing the front manual feed tray and confirming that **Ready** appears in the control panel.

Fine art media may have been fed on an angle.

After inserting fine art media, be sure the tail end of the paper is aligned with the line on the front manual feed tray.

"Loading Fine Art Media" on page 22

■ Did you remove the transportation lock?

If you have not already done so, remove the transportation lock holding the front manual feed tray in place.

Failure to remove the transportation lock could cause paper to jam.

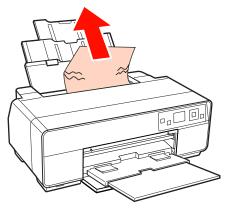
Paper from the Auto Sheet Feeder Jams During Printing

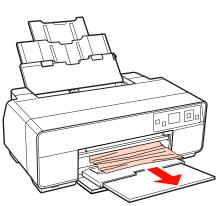
To remove jammed paper, follow the steps below:

Note:

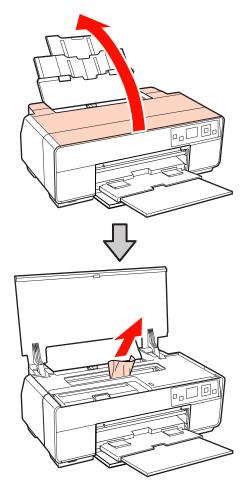
Do not use force. Attempting to forcibly remove jammed paper could damage the printer.

1 Slowly pull the jammed paper from the printer.

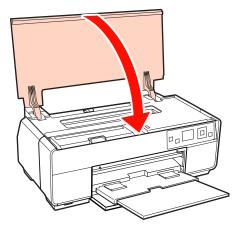




Open the printer cover and slowly pull the jammed paper out of the printer.



After removing the paper, close the printer cover and press the OK button.

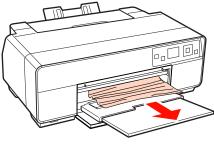


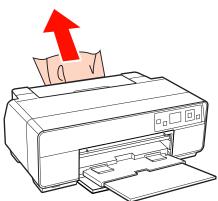
- If an error is still displayed after you have completed Step 3, turn off the printer, and then turn it back on.
- If you are unable to remove the paper, contact your dealer or Epson Support.

Jammed Fine Art Media

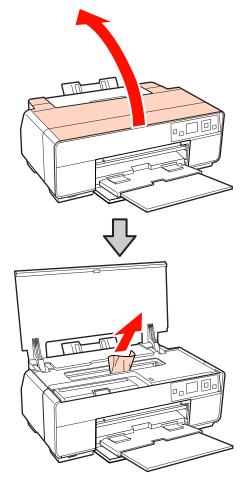
To remove jammed paper, follow the steps below:

Pull the paper out from the front or back (whichever is easier).





Open the printer cover and slowly pull the jammed paper out of the printer.

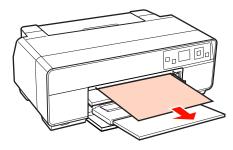


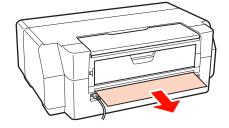
- After removing the paper, close the printer cover and press the OK button.
- If an error is still displayed after you have completed Step 3, turn off the printer, and then turn it back on.
- If you are unable to remove the paper, contact your dealer or Epson Support.

Jammed Poster Board

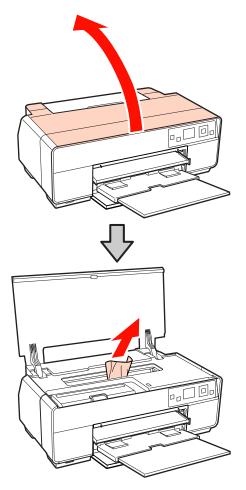
To remove jammed paper, follow the steps below:

Pull the paper out from the front or back (whichever is easier).





Open the printer cover and slowly pull the jammed paper out of the printer.



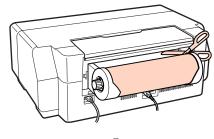
After removing the paper, close the printer cover and press the OK button.

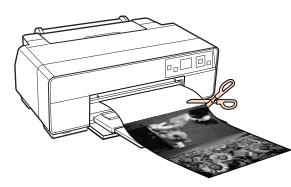
- If an error is still displayed after you have completed Step 3, turn off the printer, and then turn it back on.
- If you are unable to remove the paper, contact your dealer or Epson Support.

Roll paper jam

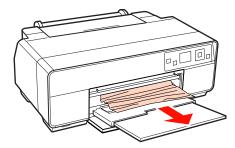
To remove jammed paper, follow the steps below:

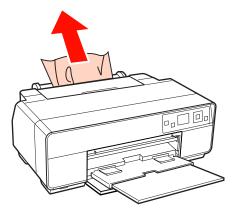
Cut the paper close to the roll paper feeder and output tray.



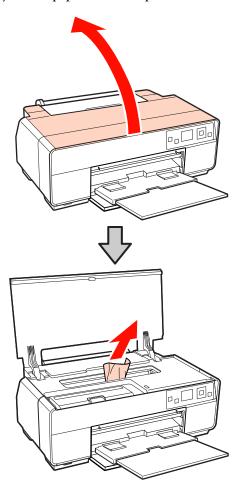


Pull the paper out from the front or back (whichever is easier).





Open the printer cover and slowly pull the jammed paper out of the printer.

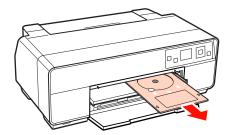


- After removing the paper, close the printer cover and press the OK button.
- If an error is still displayed after you have completed Step 4, turn off the printer, and then turn it back on.
- If you are unable to remove the paper, contact your dealer or Epson Support.

The CD/DVD Tray Is Jammed

To resolve the jam, follow the steps below:

Slowly pull the CD/DVD tray from the front of the printer.



- After removing the tray, press the OK button.
- If an error is still displayed after you have completed Step 2, turn off the printer, and then turn it back on.
- If you are unable to remove the tray, contact your dealer or Epson Support.

Others

The control panel's screen keeps turning off.

■ Is the printer in sleep mode?

Sleep mode ends and normal operation is restored when a print job is received or any button (excluding the 🖰 button) is pressed in the control panel.

Color ink runs out quickly even when printing in the Black mode or when printing black data.

 Color ink is consumed during the head cleaning process.

All nozzles are cleaned during head cleaning, using all colors of ink. (Even when Black mode is selected, the ink for all colors is consumed while cleaning.)

#Head Cleaning" on page 91

The printer status may not be displayed correctly when using EPSON Status Monitor 3 over a network.

■ Epson Network Utility may not be installed. (Windows)

Select **Epson Network Utility** from the **Software List** on the software disc supplied with the printer and install.

Appendix

Supported Media

We recommend you use the following Epson special media for high-quality printing results.

Tip:

For information about the media types and appropriate settings for printing on paper other than Epson special media or when using raster image processing (RIP) software, see the manual supplied with the paper, or contact the dealer of the paper or the manufacturer of the RIP.

Item descriptions

Name: Describes the media name.

Size: Describes the size for cut sheet media or the width for roll paper.

Capacity: Describes how many sheets can be loaded in the auto sheet feeder. For cut sheets only.

Thickness: Describes the thickness of the media.

Source: Describes the source from which paper is loaded.

Borderless: Describes whether borderless printing is available.

Black ink: Describes the type of black ink that can be used with the loaded media.

ICC Profile: Describes the ICC profile for the media. The file name of the profile is used as the profile name in the printer driver or the application.

Media Type: Describes the media type selected in the printer driver.

Epson Special Media Table

PK: Photo Black/MK: Matte Black

Name	Size	Numb er that can be set	Sour ce	Bord erles s	Blac k ink	ICC Profile	Media Type (Printer Driver)		
Premium Glossy Photo Paper	13 × 18 cm (5 × 7 in.)	30	Sheet	✓	PK	SPR3000 Epson Premium Glossy.icc	Epson Premium Glossy		
	16:9 wide (102 × 181 mm)	20							
	10 × 15 cm (4 × 6 in.)	30							
	A4	30							
	А3	10							
	A3+	10							
Glossy Photo Paper	13 × 18 cm (5 × 7 in.)	30	Sheet	✓	PK	SPR3000 Epson Premium Glossy.icc	Epson Premium Glossy		
	10 × 15 cm (4 × 6 in.)	30							
	A4	30							
Premium Semigloss Photo Paper	10 × 15 cm (4 × 6 in.)	30	Sheet	✓	PK	SPR3000 Epson Premium Semigloss.icc	Epson Premium Semigloss		
	A4	30							
	А3	10							
	A3+	10							
Premium Glossy Photo Paper	329 mm (A3+)	-	Roll Paper	1	PK	SPR3000 Epson Premium Glossy.icc	Epson Premium Glossy		
Premium Semigloss Photo Paper	329 mm (A3+)	-	Roll Paper	1	PK	SPR3000 Epson Premium Semigloss.icc	Epson Premium Semigloss		
Photo Quality	A4	100	Sheet	-	MK		Epson Photo		
Inkjet Paper	А3	50				Qlty IJP.icc	Quality Ink Jet		
	A3+	50							

Name	Size	Numb er that can be set	Sour ce	Bord erles s	Blac k ink	ICC Profile	Media Type (Printer Driver)	
Matte	A4	30	Sheet			SPR3000 Epson Archival	Epson Archival	
Paper-Heavyweig ht	А3	10				Matte.icc	Matte	
	A3+	10						
Archival Matte	A4	30	Sheet	1	MK	SPR3000 Epson Archival	Epson Archival	
Paper	А3	10				Matte.icc	Matte	
	A3+	10						
Bright White Ink Jet Paper	A4	80	Sheet	/ *1	PK/ MK	SPR3000 Standard.icc	Plain paper	
Premium Ink Jet Plain Paper	A4	80	Sheet	/ *1	PK/ MK	SPR3000 Standard.icc	Plain paper	
Double-Sided Matte Paper	A4	1	Sheet	-	МК	SPR3000 Epson Double-Sided Matte Paper.icc	Epson Matte	
Watercolor Paper - Radiant White	A3+	1	Front -Fine Art	1	МК	SPR3000 Watercolor Paper-Radiant White.icc	Watercolor Paper - Radiant White	
Velvet Fine Art Paper	A3+	1	Front -Fine Art	1	МК	SPR3000 Velvet Fine Art Paper.icc	Velvet Fine Art Paper	
UltraSmooth Fine Art Paper	A3+	1	Front -Fine Art	1	МК	SPR3000 Ultra Smooth Fine Art Paper.icc	UltraSmooth Fine Art Paper	
Photo Quality Self Adhesive sheets	A4	1	Sheet	-	МК	SPR3000 Epson Photo Qlty IJP.icc	Epson Photo Quality Ink Jet	

^{*1} You can specify and perform borderless printing; however, margins may appear or the print quality may decline due to the paper expanding or contracting. In addition, borderless printing may not be available at the selected print quality.

Usable Commercially Papers

This printer supports the following paper specifications for non-Epson media.

Note:

- □ Do not use paper that is wrinkled, scuffed, torn, or dirty.
- Although plain paper and recycled paper manufactured by other companies can be loaded and fed in the printer as long as they meet the following specifications, Epson cannot guarantee the print quality.
- Although other paper types manufactured by other companies can be loaded in the printer as long as they meet the following specifications, Epson cannot guarantee the paper feeding and print quality.

PK: Photo Black/MK: Matte Black

Name	Size	Numb er that can be set	Thickness	Source	Bord erles s	Black ink	Media Type (Printer Driver)
Plain paper (cut sheets)	A4, B5, A5, A6, Letter	Up to 12 mm total thickne ss	0.08–0.11 mm (64–90 g/m ²)	Auto sheet feeder	-	PK/MK	Plain paper
	A3, B4, Legal	Up to 5					
	Non-standard sizes Width: 89–329 mm Length: 127–1117.6 mm	mm total thickne ss					
Roll paper	329 mm (A3+ width)	-	0.08-0.11 mm (64-90 g/m ²)	Roll paper	√ *1	PK/MK	*1
Thick paper	Paper size: A4, A3, A3+, Letter	1	0.3–0.7 mm	Front manual feed (fine art media)	✓	PK/MK	*1
	A3+	1	0.7 mm– 1.3 mm	Front manual feed (poster board)	-		
CDs/DVDs	12 cm, 8 cm	1	-	CD/DVD tray	-	PK/MK	A special
CDs/DVDs (high image quality)	12 cm, 8 cm	1	-	CD/DVD tray	-	PK/MK	computer application is required to print CDs and DVDs. Use the supplied Epson Print CD application.

^{*1} See the manual supplied with the paper and adjust settings as appropriate.

Transporting the Printer

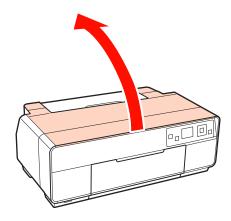
Follow the steps below when moving or transporting the printer. To protect the printer from shock and vibration, repack it in the original box using the original packing materials.

Note:

- Only hold the required area; otherwise, the printer may be damaged.
- ☐ Move and transport the printer with ink cartridges installed. Do not remove the ink cartridges; otherwise, the nozzles may be clogged and make it impossible to print, or ink may leak.

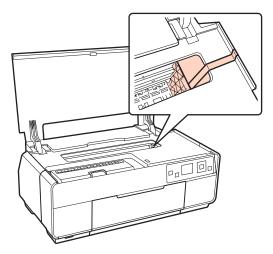
Preparing the Printer for Transport

- 1 Turn off the printer and remove all cables.
- Remove any paper.
- Open the printer cover.

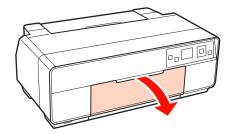


Fix the print head in place using ordinary tape.

When applying the tape, be careful not to touch the internal parts of the printer. Some tape may be difficult to remove if it is left in place for an extended period.Remove the tape immediately after transport.

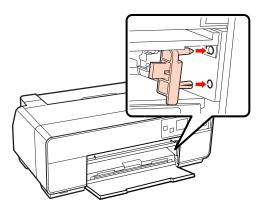


- Close the printer cover.
- Open the front cover.

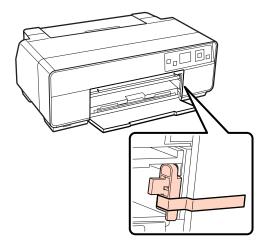


Attach the transportation lock.

Insert the transportation lock into the hole below and to the left of the front manual feed tray as shown in the illustration.



Fix the transportation lock in place using ordinary tape.



- 9 Close the front cover.
- 10 Keeping the printer flat, pack it in styrofoam or other protective material and place it in the box.

After Transport

Before using the printer for the first time after transport, check that the print head is not clogged.

Thecking for clogged nozzles" on page 90

Specifications Table

Printer Specifications			
Printing method	On-demand ink jet		
Nozzle configuration	Black: 180 nozzles × 3 (Photo Black/ Matte Black, Light Light Black, Light Black)		
	Color: 180 nozzles × 5 (Yellow, Light Cyan, Vivid Light Magenta, Vivid Magenta, Cyan)		
Resolution (maximum)	5760 × 1440 dpi		
Control code	ESC/P raster (undisclosed commands) ESC/P-R		
Paper feed method	Friction feed		
Temperature Humidity	Operating: 10 to 35°C (50 to 95°F) Storage (before unpacking): -20 to 60°C (-4 to 140°F) (within 120 hours at 60°C (140°F), within a month at 40°C (104°F)) Storage (after unpacking): -20 to 40°C (-4 to 104°F) (within a month at 40°C (104°F)) Operating: 20 to 80% (without		
	condensation) Storage (before unpacking): 5 to 85% (without condensation) Storage (after unpacking): 5 to 85% (without condensation)		
(%) 90 - 80 - 70 - 60 - 55 - 50 - 40 - 30 - 20 - 10 15	20 27 30 35 40 (°C)		

Printer Specifications		
External dimensions	Storage dimensions: (W) 616 \times (D) 369 \times (H) 228 mm	
	Normal dimensions: (W) 616 × (D) 814 × (H) 424 mm	
Weight	Approx. 15.0 kg	
	(without ink cartridges)	
Interface	High-Speed USB ×1 (for connection to PictBridge printers).	
	High-Speed USB ×1 (for connection to computers).	
	Ethernet 10BASE-T, 100BASE-TX*	
	IEEE802.1.1b/g/n	

^{*} Use a shielded twisted-pair cable (Category 5 or higher).

Electrical					
		100-120 V Model	220-240 V Model		
Input voltage range		AC 90–132 V AC 198–2 V			
Rated frequency range		50–60 Hz			
Input frequen	Input frequency range		49.5–60.5 Hz		
Rated current	Rated current		0.3 A		
Power consumptio n	Printin g	Approx. 21.0 W (ISO/ IEC24712)	Approx. 21.0 W (ISO/ IEC24712)		
	Ready mode	Approx. 8.2 W	Approx. 8.2 W		
	Sleep mode	Approx. 3.5 W	Approx. 3.7 W		
	Power off	Approx. 0.2 W	Approx. 0.4 W		

Supported image file formats (when connected to PictBridge-compatible devices)

JPEG format (Exif version 2.3 compliant) image files taken with digital cameras that confirm to DCF^* version 1.0 or 2.0

Network	Network				
Wireless LAN	Standard:	IEEE 802.11b/g/n*1			
LAN	Security:	WPA-PSK (TKIP/AES) WPA2 compliant, WEP (64/128bit)			
	Frequency Band:	2.4 GHz			
	Communicati on Mode:	Infrastructure, ad hoc*2			
Wired LAN	Standard:	Ethernet 100BASE-TX/10 BASE-T			

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

^{*2} IEEE802.11n is not supported.

Ink Specifications	
Туре	Special ink cartridges
Pigment ink	Black:Photo Black, Matte Black, Light Black, Light Light Black Color: Yellow, Cyan, Light Cyan, Vivid Magenta, Vivid Light Magenta
Use by date	See the date printed on the package (at normal temperature)
Print quality guarantee expiry	Six months (after installing in the printer)
Storage temperature	Uninstalled: -20 to 40°C (within a month at 40°C) Installed: -20 to 40°C (within a month at 40°C)

Note:

- ☐ The ink freezes if left at below -15°C for a long time. If the ink does freeze, leave it at room temperature (25°C, no condensation) for at least three hours before use.
- ☐ Do not refill the ink.

Supported operating systems

Windows XP/Windows XP x64

Windows Vista

Windows 7

Mac OS X 10.4.11-10.6

^{*} DCF stands for the Design rule for Camera File system.

Standards and Approvals

U.S. model:

Safety	UL60950-1
	CAN/CSA-C22.2 No.60950-1
EMC	FCC Part 15 Subpart B Class B
	CAN/CSA-CEI/IEC CISPR 22 Class B

This equipment contains the following wireless module. Manufacturer: Marvell Semiconductor Inc. Type: SP88W8786-MD0-2C2T00

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 this equipment Model B471A 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, Bulgaria, Czech, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, and Slovakia.

Only indoor operation is permitted in France. If used outside of own premises, general authorization is required in Italy.

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







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/

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

http://www.epson.com

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 (Select **About**, **Version Info**, or similar options in the product software.)

Brand and n	nodel of your	compute
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- Your computer operating system name and version
- ☐ Names and versions of the software applications you normally use with your product

Help for Users in North America

Epson provides the technical support services listed below.

Internet Support

Visit Epson's support website athttp://epson.com/support and select your product for solutions to common problems. You can download drivers and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions.

Speak to a Support Representative

Dial: (562) 276-1300 (U.S.), or (905) 709-9475 (Canada), 6 am to 6 pm, Pacific Time, Monday through Friday. Days and hours of support are subject to change without notice. Toll or long distance charges may apply.

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

_		
ш	Product	name

	D 1 4	1		1
_	Product	seriai	num	ner

- ☐ Proof of purchase (such as a store receipt) and date of purchase
- ☐ Computer configuration
- Description of the problem

Note:

For help using any other software on your system, see the documentation for that software for technical support information.

Purchase Supplies and Accessories

You can purchase genuine Epson ink cartridges, ribbon cartridges, paper, and accessories from an Epson authorized reseller. To find the nearest reseller, call 800-GO-EPSON (800-463-7766). Or you can purchase online athttp://www.epsonstore.com (U.S. sales) orhttp://www.epson.ca (Canadian sales).

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.

Help for Users in Singapore

Sources of information, support, and services available from Epson Singapore are:

World Wide Web

(http://www.epson.com.sg)

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), Sales Enquiries, and Technical Support via e-mail are available.

Epson HelpDesk (Phone: (65) 6586 3111)

Our HelpDesk team can help you with the following over the phone:

- ☐ Sales enquiries and product information
- ☐ Product usage questions or problems
- ☐ Enquiries on repair service and warranty

Help for Users in Thailand

Contacts for information, support, and services are:

World Wide Web

(http://www.epson.co.th)

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and e-mail are available.

Epson Hotline (Phone: (66)2685-9899)

Our Hotline team can help you with the following over the phone:

☐ Sales enquiries and product information

☐ Product usage questions or problems

☐ Enquiries on repair service and warranty

Help for Users in Vietnam

Contacts for information, support, and services are:

Epson Hotline (Phone): 84-8-823-9239

Service Center: 80 Truong Dinh Street,

District 1, Hochiminh City

Vietnam

Help for Users in Indonesia

Contacts for information, support, and services are:

World Wide Web

(http://www.epson.co.id)

☐ Information on product specifications, drivers for download

☐ Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

Epson Hotline

☐ Sales enquiries and product information

☐ Technical support

Phone (62) 21-572 4350

Fax (62) 21-572 4357

Epson Service Center

Jakarta Mangga Dua Mall 3rd floor No 3A/B

Jl. Arteri Mangga Dua,

Jakarta

Phone/fax: (62) 21-62301104

Bandung Lippo Center 8th floor

Jl. Gatot Subroto No.2

Bandung

Phone/fax: (62) 22-7303766

Surabaya Hitech Mall lt IIB No. 12

Jl. Kusuma Bangsa 116 – 118

Surabaya

Phone:(62) 31-5355035

Fax: (62)31-5477837

Yogyakarta Hotel Natour Garuda

Il. Malioboro No. 60

Yogyakarta

Phone: (62) 274-565478

Medan Wisma HSBC 4th floor

Jl. Diponegoro No. 11

Medan

Phone/fax: (62) 61-4516173

Makassar MTC Karebosi Lt. Ill Kav. P7-8

JI. Ahmad Yani No.49

Makassar

Phone: (62)411-350147/411-350148

Help for Users in Hong Kong

To obtain technical support as well as other after-sales services, users are welcome to contact Epson Hong Kong Limited.

Internet Home Page

Epson Hong Kong has established a local home page in both Chinese and English on the Internet to provide users with the following information:

- Product information
- ☐ Answers to Frequently Asked Questions (FAQs)
- ☐ Latest versions of Epson product drivers

Users can access our World Wide Web home page at:

http://www.epson.com.hk

Technical Support Hotline

You can also contact our technical staff at the following telephone and fax numbers:

Phone: (852) 2827-8911

Fax: (852) 2827-4383

Help for Users in Malaysia

Contacts for information, support, and services are:

World Wide Web

(http://www.epson.com.my)

- ☐ Information on product specifications, drivers for download
- ☐ Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

Epson Trading (M) Sdn. Bhd.

Head Office.

Phone: 603-56288288

Fax: 603-56288388/399

Epson Helpdesk

☐ Sales enquiries and product information (Infoline)

Phone: 603-56288222

☐ Enquiries on repair services & warranty, product usage and technical support (Techline)

Phone: 603-56288333

Help for Users in India

Contacts for information, support, and services are:

World Wide Web

(http://www.epson.co.in)

Information on product specifications, drivers for download, and products enquiry are available.

Epson India Head Office - Bangalore

Phone: 080-30515000

Fax: 30515005

Epson India Regional Offices:

Location	Telephone number	Fax number
Mumbai	022-28261515 / 16/17	022-28257287
Delhi	011-30615000	011-30615005
Chennai	044-30277500	044-30277575
Kolkata	033-22831589 / 90	033-22831591
Hyderabad	040-66331738/39	040-66328633
Cochin	0484-2357950	0484-2357950
Coimbatore	0422-2380002	NA

Location	Telephone number	Fax number
Pune	020-30286000 / 30286001 /30286002	020-30286000
Ahmedabad	079-26407176 / 77	079-26407347

Helpline

For Service, Product info or to order a cartridge - 18004250011 (9AM - 9PM) - This is a Toll-free number.

For Service (CDMA & Mobile Users) - 3900 1600 (9AM - 6PM) Prefix local STD code

Help for Users in the Philippines

To obtain technical support as well as other after sales services, users are welcome to contact the Epson Philippines Corporation at the telephone and fax numbers and e-mail address below:

Trunk Line: (63-2) 706 2609

Fax: (63-2) 706 2665

Helpdesk (63-2) 706 2625

Direct Line:

E-mail: epchelpdesk@epc.epson.com.ph

World Wide Web

(http://www.epson.com.ph)

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and E-mail Enquiries are available.

Toll-Free No. 1800-1069-EPSON(37766)

Our Hotline team can help you with the following over the phone:

- ☐ Sales enquiries and product information
- ☐ Product usage questions or problems
- ☐ Enquiries on repair service and warranty