

All in One Product

EPSON STYLUS™ PHOTO RX700 Series

Basic Operation Guide

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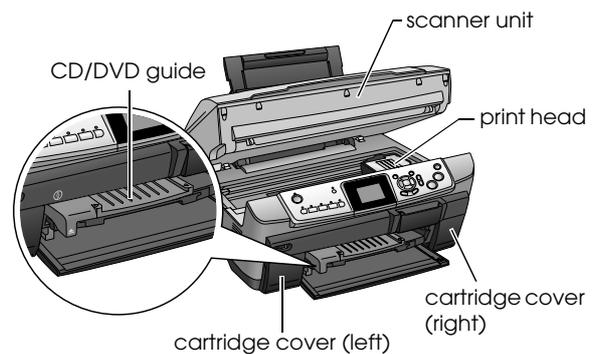
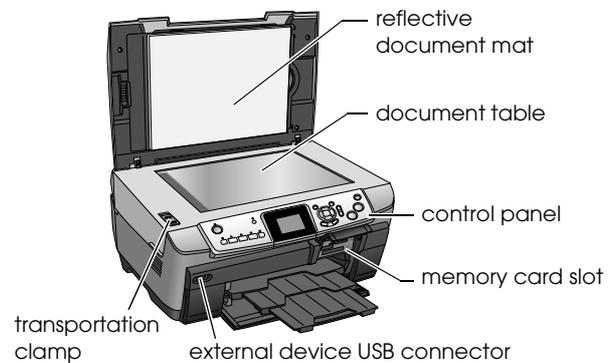
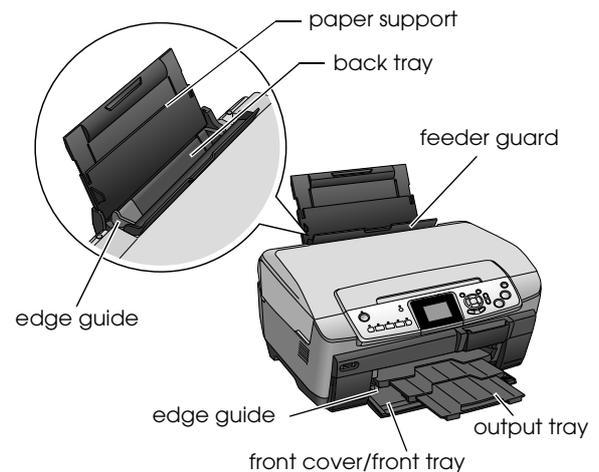
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Parts



Safety Instructions

Important Safety Instructions

Read all of the instructions in this section when setting up and using this product.

When placing this product

- ❑ Avoid places subject to rapid changes in temperature and humidity. Also, keep this product away from direct sunlight, strong light, and heat sources.
- ❑ Avoid places subject to dust, shocks, or vibrations.
- ❑ Leave enough room around this product for sufficient ventilation.
- ❑ Place this product near a wall outlet where you can easily plug in and unplug this product.
- ❑ Place this product on a flat, stable surface that extends beyond the base of this product in all directions. If you place this product by the wall, leave more than 10 cm between the back of this product and the wall. This product will not operate properly if it is tilted at an angle.
- ❑ When storing or transporting this product, do not tilt it, stand it on its side, or turn it upside down. Otherwise ink may leak from the cartridge.

When choosing a power source

- ❑ Use only the type of power source indicated on the label on the back of this product.
- ❑ Use only the power cord that comes with this product. Use of another cord may result in fire or electric shock.
- ❑ This product's power cord is for use with this product only. Use with other equipment may cause fire or electric shock.
- ❑ Be sure your AC power cord meets the relevant local safety standards.
- ❑ Do not use a damaged or frayed power cord.
- ❑ If you use an extension cord with this product, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure that the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.

When using this product

- ❑ Do not put your hand inside this product.
- ❑ Do not block or cover the vents and openings in this product.
- ❑ Do not open the ink cartridge cover when this product is performing an action such as printing. You may print incorrectly.
- ❑ Do not attempt to service this product by yourself.
- ❑ Do not insert objects into the slots on this product.
- ❑ Take care not to spill liquid on this product.
- ❑ Unplug this product and refer servicing to qualified service personnel under the following conditions:
The power cord or plug is damaged; liquid has entered into this product; this product has been dropped or the cover damaged; this product does not operate normally or exhibits a distinct change in performance.

When handling ink cartridges

- ❑ Do not shake the ink cartridges; this can cause leakage.
- ❑ Keep the ink cartridge out of the reach of children. Do not allow children to handle it, or drink ink.
- ❑ Be careful when you handle used ink cartridges, as there may be some ink remaining around the ink supply port. If ink gets on your skin, wash the area thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately.
- ❑ Do not remove or tear the label on the cartridge; otherwise, ink will leak.

Warnings, Cautions, and Notes



Warnings

must be followed carefully to avoid bodily injury.



Cautions

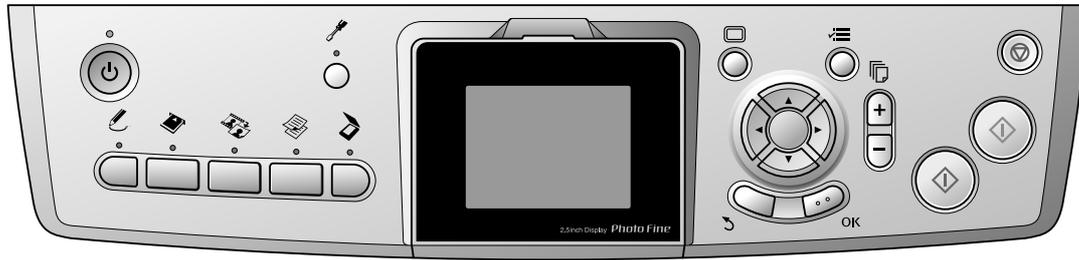
must be observed to avoid damage to your equipment.

Notes

Contain important information and useful tips on the operation of your product.

Using the Control Panel

Control Panel Functions



Buttons

Icon	Button	Function
	On	Turns this product on and off. When this product turns on, the On light remains lit, indicating that this product has completed its initialization.
	Setup	Enters Setup Mode.
	Creative Projects	Copies in Copy Photo or print a photos using a Combo Printing Sheet.
	Memory Card	Enters Memory Card Print Mode.
	Film	Enters Film Print Mode.
	Copy	Enters Copy Mode.
	Scan	Enters Scan Mode.
	Screen View	Changes the view of the photos in the memory card.
	Options	Displays detailed settings for each mode.
	Back	Cancel the operation on the LCD panel and returns to the previous menu.
	Copies	Sets the number of copies or prints.
	B&W	Copies or prints in grayscale.
	Color	Copies, prints, or scans in color.
	Stop	Stops copying, printing, or scanning. The sheet being copied or printed is ejected.
	4-way Scroll	Selects the menu items.
	OK	Enters the settings you have selected.

LCD panel

Displays a preview of the selected images, items or settings which can be changed with the buttons.

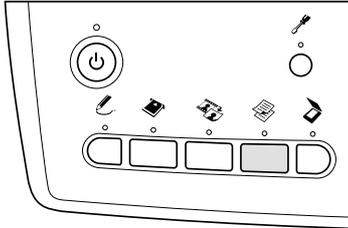
If you leave this product on without performing an operation for 13 minutes, the LCD display panel turns to black. (Saving energy mode)

Press any other button than the On button to revert the LCD display panel to the display which appeared before it turned to black.

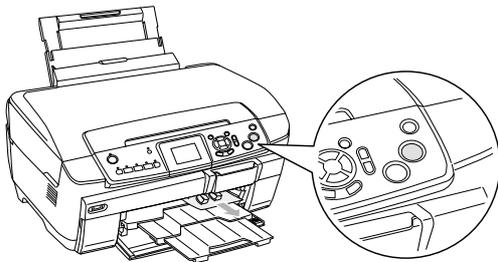
Basic Copying

Overview of the Basic Procedure

1. Press the Copy button.



2. Load appropriate paper.
➔ See "Loading Paper" of the next section
3. Place the original document.
➔ See "Placing a Photo or Document on the Document Table" on page 7
4. Change the copy layout if necessary.
➔ See "Changing the Copy Layout" on page 8
5. You can change the copy settings if necessary.
➔ See "Changing Copy Settings" on page 9
6. Press the  Color button to copy in color, or  B&W button to copy in grayscale.



Note:

- ❑ If you need to stop copying, press the  Stop button.
- ❑ Do not pull the paper out of this product.
- ❑ If the edge of the document is not copied correctly, place the document slightly away from the edge of the document table.



Caution:

Never open the scanner unit while scanning or copying; otherwise, you may damage this product.

Loading Paper

Note:

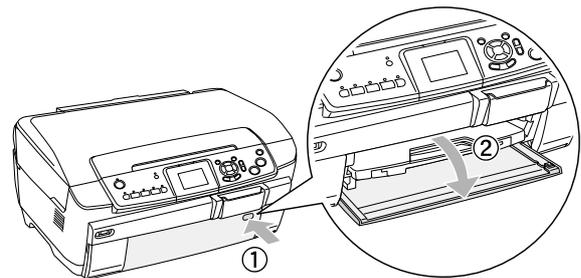
- ❑ Always load paper before you start printing.
- ❑ The print result is affected by the kind of paper you use. For the best quality, use the appropriate paper.
- ❑ Keep enough space in front of this product for paper to be fully ejected.
- ❑ Make sure the CD/DVD tray is not inserted in this product and the CD/DVD guide is closed.

Loading A4 plain paper into the front tray

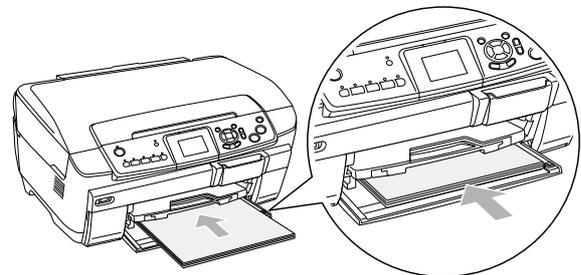
Note:

Only A4 plain paper can be loaded into the front tray. When loading paper other than A4 plain paper, load into the back tray.

1. Open the front cover by pressing the hollow portion as illustrated.

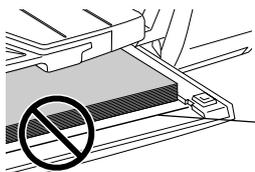


2. Fan a stack of paper, then tap it on a flat surface to even the edges.
3. Load the paper with the printable side facing down with the right edge guide. Then, slide the paper into the front tray so that the edge of the paper is level with the guideline on the front tray.

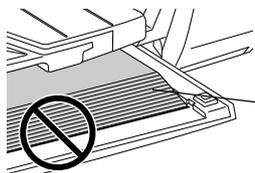




Caution:
Do not push the paper too far. If you do so, the paper is not loaded correctly.

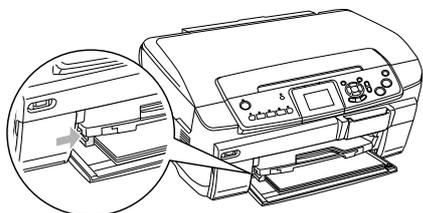


The paper is pushed past the guideline for A4 paper.

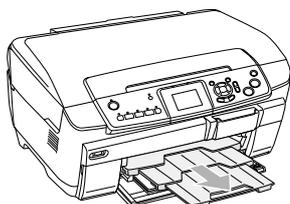


Some sheets of paper are pushed past the guideline for A4 paper.

- Slide the left edge guide so that it meets the left edge of the paper.



- Pull the output tray and slide out the extension.

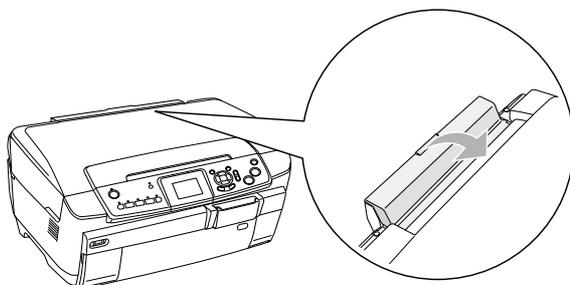


Note:

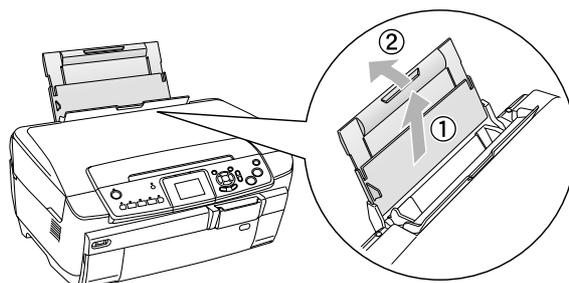
- You can load up to 150 sheets at a time.
- You cannot use plain paper when Borderless has been selected in the Copy Layout.

Loading paper into the back tray

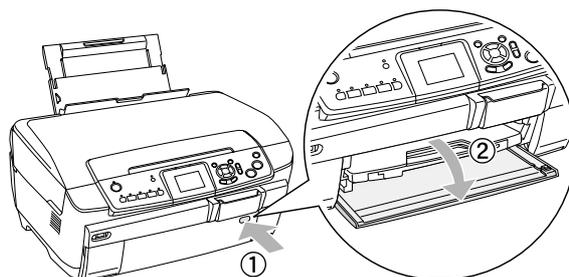
- Open the feeder guard.



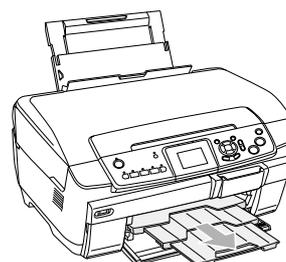
- Pull the paper support and slide out the extension.



- Open the front cover by pressing the hollow portion as illustrated.

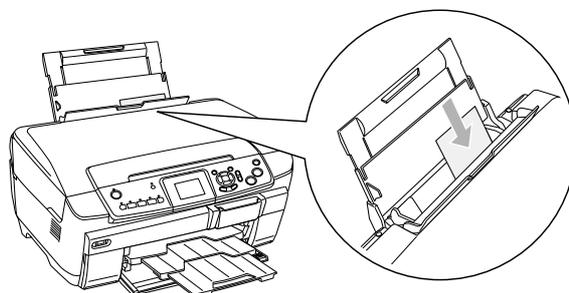


- Pull the output tray and slide out the extension.



- Fan a stack of paper, then tap it on a flat surface to even the edges.

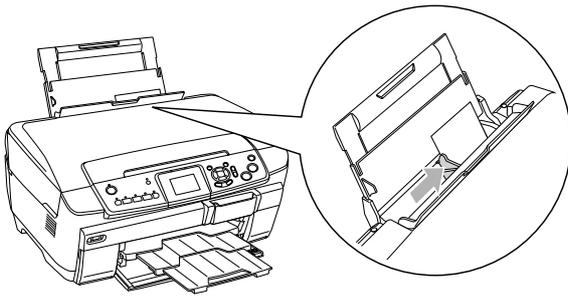
- Load the paper with the printable side facing up and so it is against the right edge guide, then slide it into the back tray.



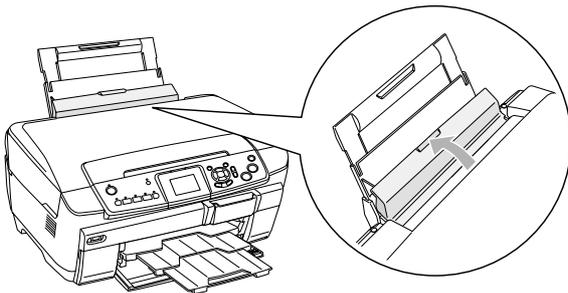
Note:

Always load paper into the trays by the short edge first.

- Slide the left edge guide so that it meets the left edge of the paper.



- Close the feeder guard.



Note:

- The loading capacity differs depending on the following types of paper.

Paper Type	Paper Type Settings	Loading Capacity
Plain Paper	Plain (Front)	Up to 150 sheets
	Plain (Back)	Up to 120 sheets
EPSON Bright White Ink Jet Paper	Bright White (Front)	Up to 100 sheets
	Bright White (Back)	Up to 80 sheets
Epson Photo Paper	Photo Paper	Up to 20 sheets
EPSON Photo Quality Ink Jet Paper	PQIJ/Matte (PQIJ when copying and Matte when printing)	Up to 100 sheets
EPSON Matte Paper-Heavyweight	Matte	Up to 20 sheets
EPSON Premium Glossy Photo Paper	Prem.Glossy	
EPSON Premium Semigloss Photo Paper	SemiGloss	
EPSON Photo Stickers	Photo Stickers (for copying and printing from a memory card)	One sheet at a time

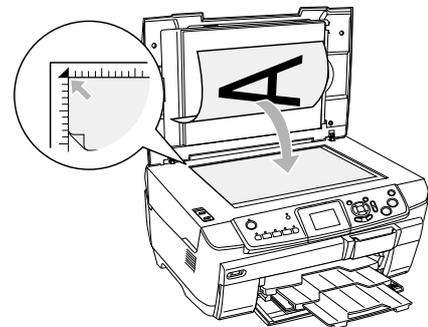
Paper Type	Paper Type Settings	Loading Capacity
Iron-on Cool Peel Transfer Paper	None* (for printing from a memory card)	Onesheet at a time

* The appropriate paper type is automatically selected when selecting Custom Print and Iron in the Memory Card mode.

- You cannot use Plain Paper when Borderless has been selected in the Copy Layout.

Placing a Photo or Document on the Document Table

- Open the document cover. Place the original document facing down on the document table. Make sure that the document is properly aligned.

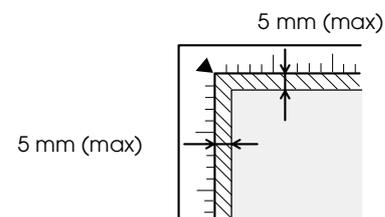


Caution:

Never open the document cover beyond its limit by intention.

Note:

When copying photos or copying on CD/DVD, place the document 5 mm away from the edge of the document table.

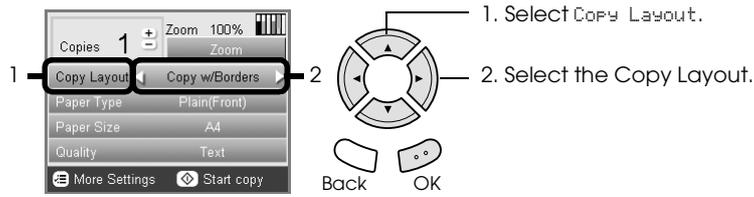


- Make sure the reflective document mat is attached to the document cover.
- Close the document cover gently so that the document does not move.

Note:

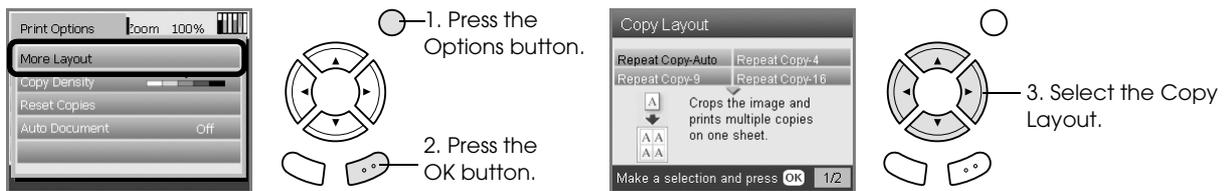
To copy the document properly, close the document cover to prevent interference from the external light.

Changing the Copy Layout



Copy Layout	Feature	Useful Information
	Copy w/Borders (Default setting)	Copies with 3 mm margins.
	Borderless	Copies without margins. See "When copying in Borderless layout" on page 11
	CD Copy	Copies an image onto a CD or DVD label. See "Copying on CD/DVD" on page 13

Other copy layouts



Copy Layout	Feature	Useful Information
	Repeat Copy-Auto Repeat Copy-4 Repeat Copy-9 Repeat Copy-16	Copies an image to its actual size as many times as it will fit on an A4 page.
	2-up Copy 4-up Copy	Copies several documents onto one A4 page. See "To copy in 2-up Copy layout" on page 11
	Photo Stickers	Copies an image 16 times onto a Photo Stickers sheet. For details on adjusting the Photo Stickers position, see "Adjusting the print position on Photo Stickers sheet" on page 22.

Note:

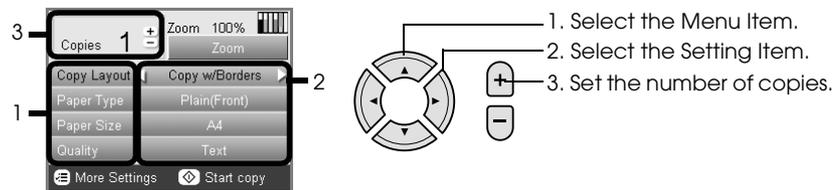
The layout that you selected last in More Layout is added to Copy Layout. But this is replaced with the one you select next time in More Layout.

Copy photo layout



Copy Layout	Feature	Useful Information
	<p>Copy Photo</p> <p>Copies multiple photos placed together as separate copy.</p> <p>The copied images are reduced or enlarged automatically to fit the selected paper size.</p>	<p>See "When copying in Copy Photo" on page 12</p>

Changing Copy Settings

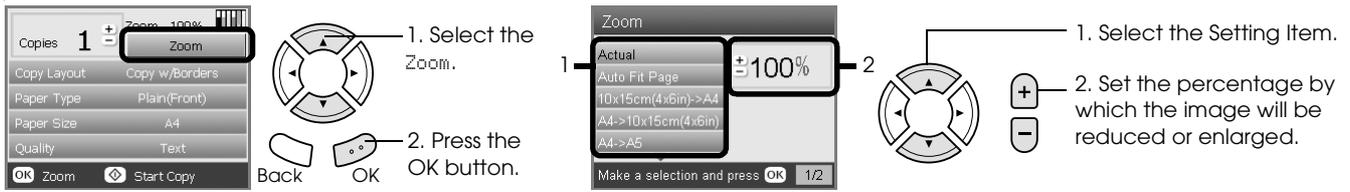


Menu Item	Setting Item	Description
Copies	1 to 99	Sets the amount of copies to make.
Zoom		Press the OK button to display the Zoom Menu. For detailed information, see "Changing Zoom settings" in the next section.
Copy Layout		Copies in the selected layout. See "Changing the Copy Layout" on page 8.
Paper Type	Plain (Front), Plain (Back), Prem.Glossy, GlossyPhoto, SemiGloss, Matte, PQIJ, Photo Paper, Bright White (Front), Bright White (Back), Sticker, CD/DVD	Sets the type of paper on which to print. See page 7 for detailed settings.
Paper Size	A4, A5, A6, 10 × 15 cm (4 × 6 in)	Sets the paper size to copy to.
Quality	Draft, Text, Photo, Best Photo	Sets the quality of the copy to be made.

Note:

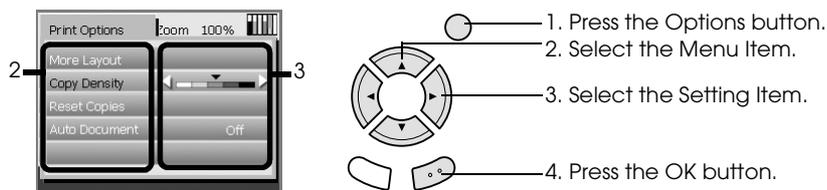
The available menu items and settings will vary according to the copy layout selected.

Changing the Zoom settings



Setting Item	Description
Actual	Copies to the actual size.
Auto Fit Page	Copies to the reduced or enlarged size that fits the size of the paper.
10 × 15 cm (4 × 6 in) -> A4 A4 -> 10 × 15 cm (4 × 6 in) A4 -> A5 A5 -> A4	Copies to the reduced or enlarged size by selecting the appropriate selection (original document size -> copy result size).
25% to 400%	Sets the percentage by which the image will be reduced or enlarged and copied.

Changing Detailed settings



Menu Item	Setting Item	Description
Copy Density		Adjusts the density of copied documents.
Reset Copies		Resets the number of copies to one.
Auto Document	ON	Makes clear copies when copying text documents. This feature is available only when copying on plain paper with a border.
	OFF	Makes no adjustment.

Useful Information for Copying

Note for copying

- ❑ When you make a copy using a control panel function, a moiré (cross-hatch) pattern may appear on your printout. To eliminate the moiré, change the reduce/enlarge ratio or shift the position of the original document.
- ❑ The copied image may not have exactly the same size as the original.
- ❑ Depending on the type of paper used, print quality may decline in the top and bottom areas of the printout, or these areas may be smeared.
- ❑ If this product runs out of paper while making copies, be sure to load additional paper as soon as possible. If left without paper for a long period of time, the colors of the first copy made after reloading may not accurately reflect those of the original.
- ❑ If the LCD panel indicates low ink while you are copying, you can either continue making copies until the ink runs out, or stop making copies and then replace the ink cartridge.

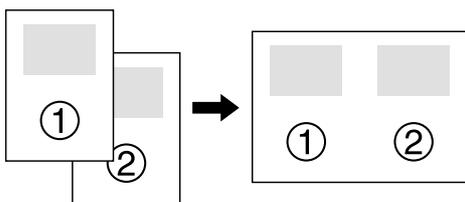
When placing a document on the document table

- ❑ Keep the document table clean.
- ❑ Make sure the document is flat against the glass surface; otherwise the image becomes out of focus.
- ❑ Do not leave photographs on the document table for an extended period of time. They may stick to the glass of the document table.
- ❑ Do not place heavy objects on top of this product.

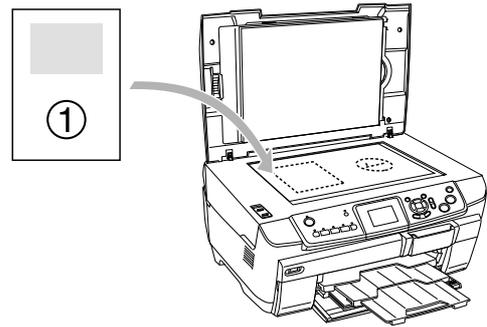
When copying in Borderless layout

Because this layout enlarges the image to a size slightly larger than the paper size, the portion of the image that extends beyond the edge of the paper will not be copied.

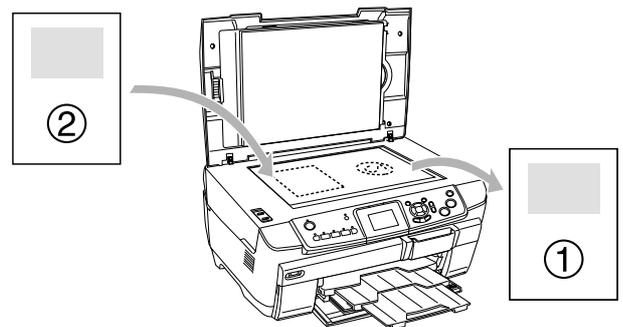
To copy in 2-up Copy layout



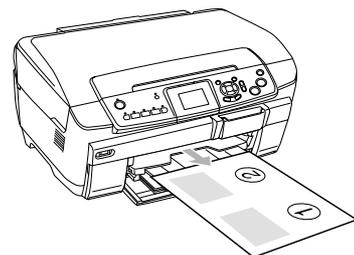
1. Place the first page of the original document on the document table.



2. Select 2-UP COPY as the copy layout.
3. Change the copy settings if necessary.
4. Press the \diamond COLOR button or \diamond B&W button. The first page of the original document is copied.
5. Place the following page of the original document on the document table when Change Pages to 2 Page(s) appears in the LCD panel.



6. Press the \diamond Color button or the \diamond B&W button again. The following page of the original document is copied and copying is completed.



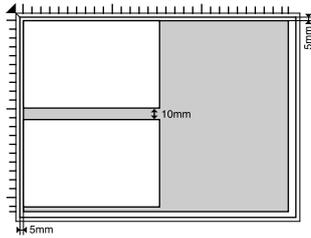
Note:

If you need to stop copying, press the \odot Stop button.

If you want to make copies in the 4-up layout, select 4-UP COPY in step 2 and repeat steps 5 and 6 twice to complete copying.

When copying in Copy Photo

Place each photo horizontally as shown in the illustration below.



- You can copy photos bigger than 64×89 mm, and smaller than 127×178 mm inclusively.
- Position each photo at least 10 mm apart from its adjacent photo.
- You can copy two 10×15 cm (4×6 in) size photos at a time.
- You can place any sizes of photos at a time.

You can use the Restoration feature. When Restoration is set to **On** in Print Settings, faded photos or ones that have been changed by sunlight are copied with nearly their original color.

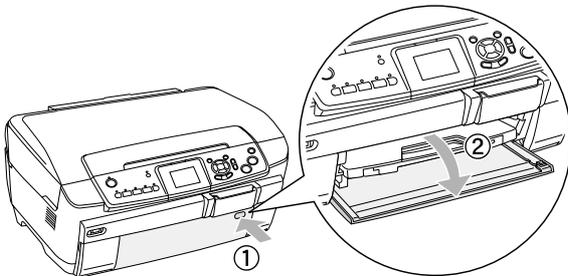
Copying on CD/DVD

Note:

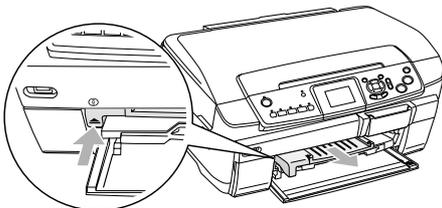
- ❑ Use only CD/DVD media labelled as suitable for printing, for example "Printable on the label surface" or "Printable with ink jet printers".
- ❑ The printed surface is easily smeared immediately after printing.
- ❑ Be sure to let CD/DVD dry completely for more than 24 hours before using them or touching the printed surface.
- ❑ Do not allow the printed CD/DVD to dry in direct sunlight.
- ❑ Moisture on the printable surface may cause smearing.
- ❑ If the CD/DVD tray or the inner transparent section of the CD/DVD are accidentally printed on, immediately wipe off the ink.
- ❑ Reprinting on the same CD/DVD may not improve the print quality.

Loading a CD/DVD

1. Open the front cover by pressing the hollow portion as illustrated.

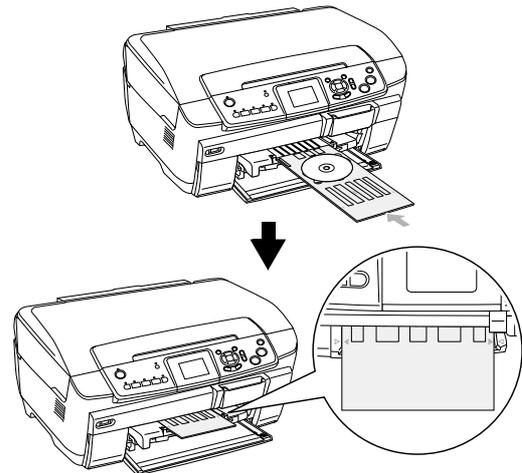


2. Press ▲ on the CD/DVD guide. The CD/DVD guide slides out.



3. Place the CD/DVD on the CD/DVD tray with the label surface up.

4. Insert the CD/DVD tray into the CD/DVD guide.

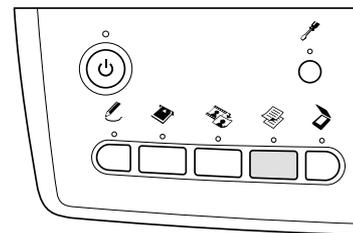


Note:

Align the arrow mark on the CD/DVD tray with the arrow mark on the CD/DVD guide.

Copying a CD/DVD

1. Press the Copy button.

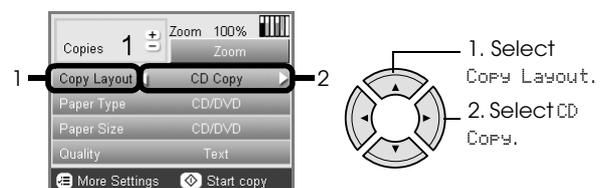


2. Load the CD/DVD.
➔ See "Loading a CD/DVD" on page 13
3. Place the original document on the document table.
➔ See "Placing a Photo or Document on the Document Table" on page 7

Note:

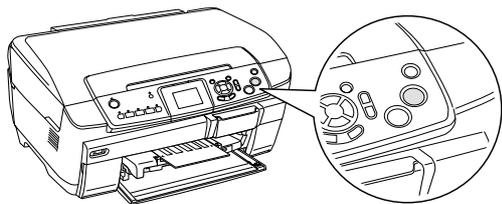
The maximum square area in the center on the document is scanned. When printing, the square area is enlarged or reduced to CD/DVD size and trimmed to doughnut shape.

4. Select Copy Layout and CD Copy.



5. Select Quality and the desired quality setting.

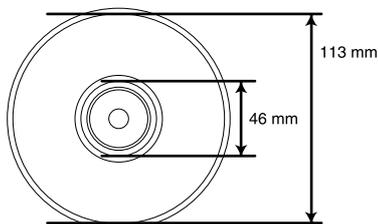
- Press the **Color** button to copy in color, or the **B&W** button to copy in grayscale.



Note:

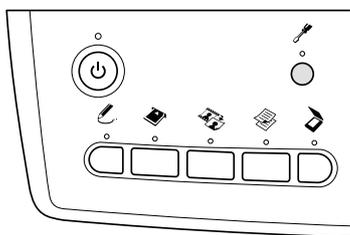
- ❑ If you need to stop copying, press the **Stop** button.
- ❑ We recommend that you print a test of the layout on a test CD/DVD, before printing on a real CD/DVD.
- ❑ If necessary, you can adjust the print position. See "Adjusting the Print Position" on page 14 for details.
- ❑ If an error message appears on the LCD panel, follow the instructions on the LCD panel to clear the error.
- ❑ The printable area of a CD/DVD is illustrated as follows.

12-cm CD/DVD



Adjusting the Print Position

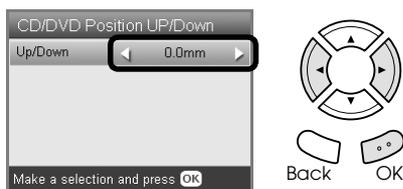
- Press the **Setup** button.



- To move the image up or down, select **CD/DVD Position Up/Down**. To move the image left or right, select **CD/DVD Position Left/Right**.



- Select the amount to move the image. Select the minus quantity when moving the image down or left, and the plus quantity when moving up or right.

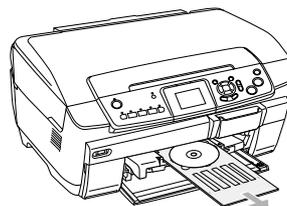


Note:

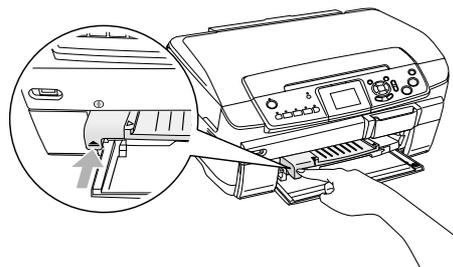
- ❑ You can select from -5.0mm to 5.0mm .
- ❑ This product remembers the print adjustment settings even after it has been turned off, so you do not need to adjust the position each time you use the CD/DVD function.

Ejecting the CD/DVD Tray

- Make sure that copying is finished.
- Eject the CD/DVD tray by pulling it out straight from the CD/DVD guide.



- Press **▲** on the CD/DVD guide. The CD/DVD guide retracts.



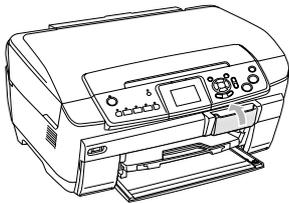
Printing Directly from a Memory Card - Basic Printing

Note:

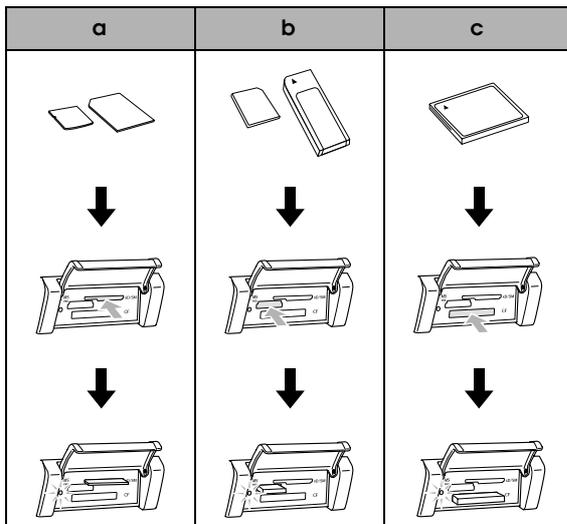
We recommend that you disconnect the USB cable when printing directly from a memory card, otherwise the print operation may take longer.

Inserting Memory Cards

1. Open the memory card slot cover.



2. Make sure the memory card light beside the memory card slot is off, and then insert a memory card as far as it can go into the appropriate slot.



Slot	Card
a	SmartMedia/xD-Picture Card
b	Memory Stick/MagicGate Memory Stick/Memory Stick Duo*/Memory Stick PRO/Memory Stick PRO Duo*/MagicGate Memory Stick Duo*/SD Card/miniSD Card*/MultiMediaCard
c	CompactFlash/Microdrive

*An adapter is required.

Note:

You can load only one memory card at a time.

3. Close the memory card slot cover.



Caution:

- ❑ Do not try to squeeze the memory card into the slot. Memory cards cannot be fully inserted into the card slots.
- ❑ Incorrect loading of a memory card may damage this product, memory card, or both.
- ❑ Keep the memory card slot cover closed while the memory card is loaded, which protects the memory card and the slot from dust and static; otherwise data on the memory card may be lost, or this product may be damaged.
- ❑ Depending on the memory card loaded in this product, the static charge on the memory card may cause this product to malfunction.

Note:

If the memory card is inserted incorrectly, the memory card light does not go on.

When ejecting memory cards

1. Make sure all the printing jobs are finished and the memory card light is not flashing.
2. Open the memory card slot cover.
3. Eject the memory card by pulling it out straight from the slot.



Caution:

Do not remove the memory card or turn off the product while the printing or while the memory card light is flashing. Data on the memory card may be lost.

Note:

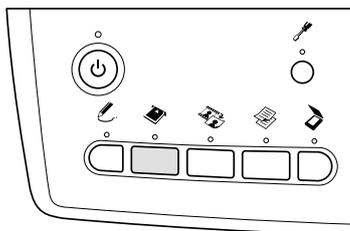
If you are using this product with a computer which has Windows 2000 or XP installed, never turn this product off or disconnect the USB cable with a memory card inserted in this product; this may destroy data on the memory card. See the User's Guide for detail.

4. Close the memory card slot cover.

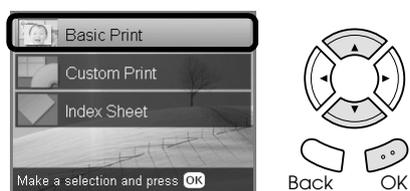
Printing Basics to 10 x 15 cm Paper

You can print photos to 10× 15 cm (4× 6 in) Premium Glossy Photo Paper without altering any settings.

1. Load a memory card.
2. Press the Memory Card button.



3. Select Basic Print.



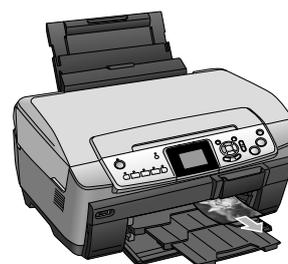
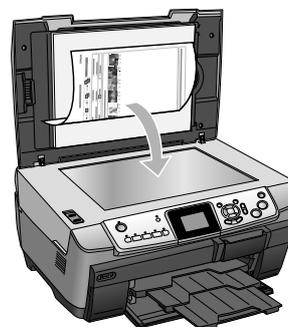
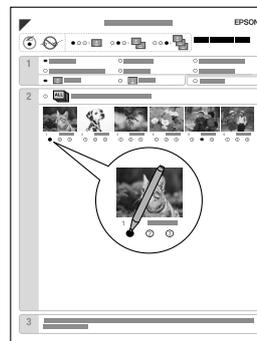
4. Select the photos you want to print and set the number of copies.
➔ See "Changing the View of Photos on the LCD Panel and Selecting Photos" on page 18
5. Load 10× 15 cm (4× 6 in) Premium Glossy Photo Paper into the back tray.
➔ See "Loading paper into the back tray" on page 6
6. Press the  COLOR button to start printing.

Note:

If you need to stop printing, press the  Stop button.

Printing Using an Index Sheet

The Index Sheet gives you a thumbnail view of photos stored on the memory card. You can easily print photos by filling the circles underneath the photo you want to print.

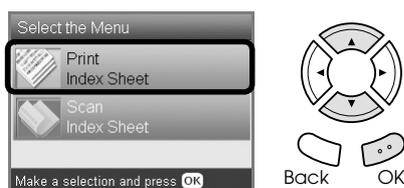


Printing an Index Sheet

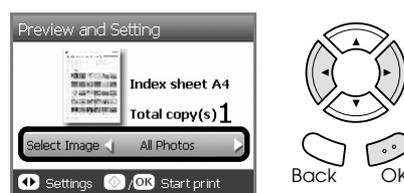
1. Load a memory card.
2. Press the Memory Card button.
3. Select Index Sheet.



4. Select Print Index Sheet.



5. Select the range of the photos you want to print on the Index Sheet.



Range	Description
All photos	Prints all photos stored on a memory card.
Latest 30	Prints 30 photos from the latest one in order of the file name.
Latest 60	Prints 60 photos from the latest one in order of the file name.
Latest 90	Prints 90 photos from the latest one in order of the file name.

6. Load A4 plain paper into the front tray.
➔ See "Loading A4 plain paper into the front tray" on page 5
7. Press the Color button to start printing.

Note:

If you need to stop printing, press the Stop button.

Printing photos by filling in the Index Sheet

1. On the Index Sheet, use a dark pen to fill in the circle on the left side of the paper type and size, and select printing with border or borderless printing. Then fill in the circles underneath the photos that you want to print, and the number of prints to be printed for each photo. See the examples below.

Good

Not good

Note:

- Complete the Index Sheet correctly. You cannot change the settings using the control panel.
 - If you fill more than one circle, this product will print the largest number you chose.
 - When you fill in the circle on the left of ALL, all photos are printed at a time.
2. Load the paper type and size that you selected on the Index Sheet.
 3. Select Scan Index Sheet.



4. Place the Index Sheet with its face down, and its top touching the left edge of the document table.
➔ See "Placing a Photo or Document on the Document Table" on page 7
5. Press the OK button to start printing.

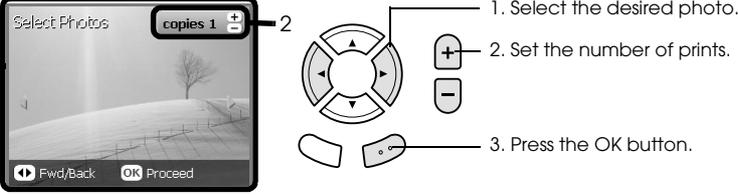
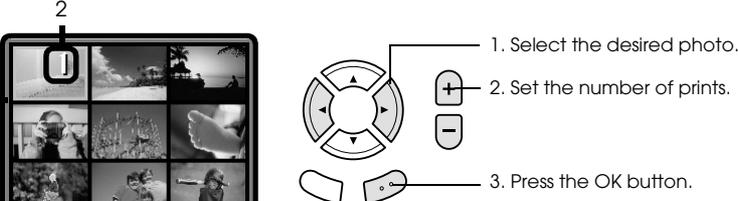
Note:

If you need to stop printing, press the Stop button.

Changing the View of Photos on the LCD Panel and Selecting Photos

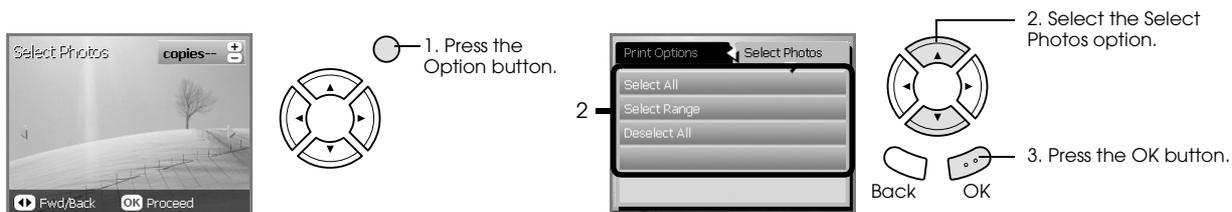
You can change the view of photos by pressing the Screen View button when selecting photos.

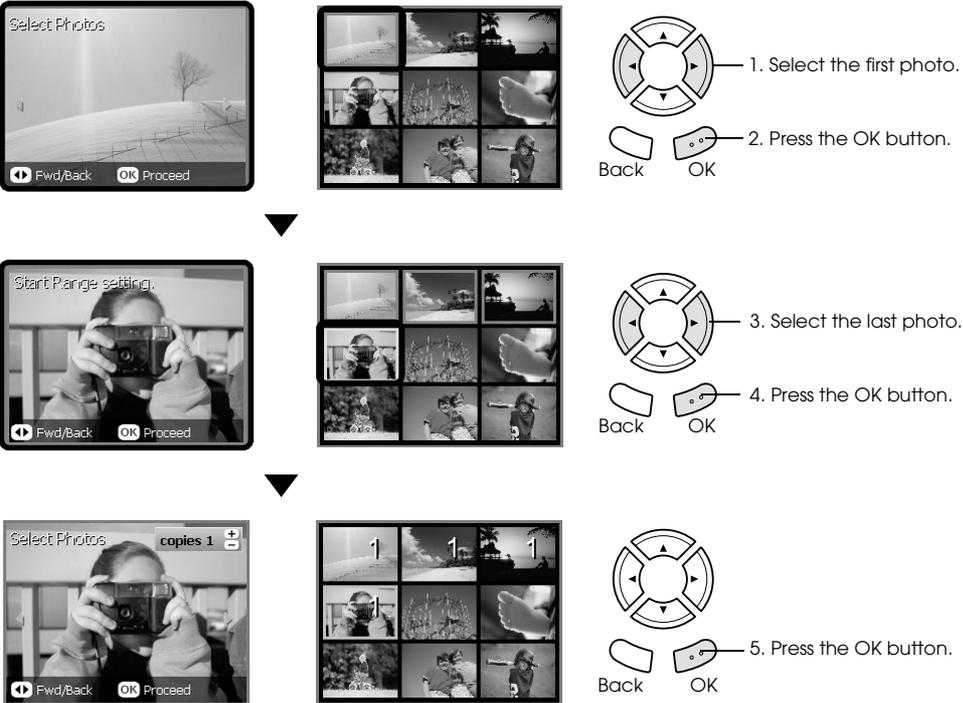


<p>One photo</p>	<p>Displays one photo stored on the memory card at a time.</p>  <ol style="list-style-type: none"> 1. Select the desired photo. 2. Set the number of prints. 3. Press the OK button. <p>Note: You can set up to 99 as the number of prints.</p>
<p>Nine photos</p>	<p>Displays nine photos stored on the memory card at a time.</p>  <ol style="list-style-type: none"> 1. Select the desired photo. 2. Set the number of prints. 3. Press the OK button. <p>Note: You can set up to 99 as the number of prints.</p>
<p>Slide Show</p>	<p>Displays one photo stored on the memory card at a time and advances to the next photo automatically.</p>  <p>Note: You cannot set the number of prints when running Slide Show.</p>

Detailed settings for selecting photos

You can set the number of prints in detail by pressing the Options button when selecting photos.

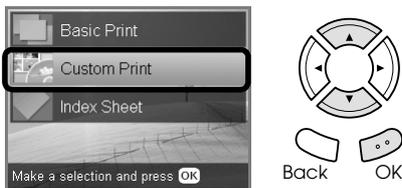


<p>Select All</p>	<p>Sets one print for all photos in the memory card.</p>  <p>Note: Press the Copies button to change the number of prints for each photo.</p>
<p>Select Range</p>	<p>Sets the range of photos in the memory card and the number of prints for each.</p>  <p>Note: Press the Copies button to change the number of prints for each photo.</p>
<p>Deselect All</p>	<p>Sets the zero as the number of prints for all photos.</p>
<p>DPOF</p>	<p>Prints photos with the DPOF function. For detailed information, see "Printing with DPOF Functions" on page 26</p>

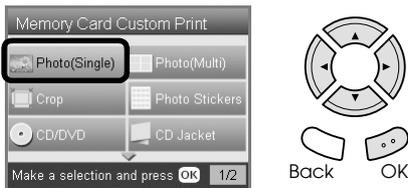
Printing Directly from a Memory Card – Printing Options

Printing a Single Photo

1. Load a memory card.
2. Press the Memory Card button.
3. Select Custom Print.



4. Select Photo (Single).



5. Change the print setting.
➔ See “Changing Print Settings” on page 28
6. Select the photo which you want to print and set the number of copies.
➔ See “Changing the View of Photos on the LCD Panel and Selecting Photos” on page 18
7. Load the appropriate paper.
➔ See “Loading Paper” on page 5
8. Press the ◊ Color button or ◊ B&W button to start printing.

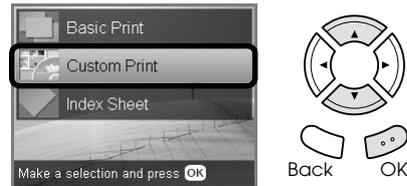
Note:

If you need to stop printing, press the ⓧ Stop button.

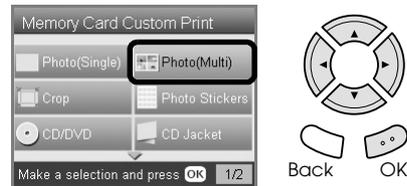
Printing Multiple Photos onto One Sheet

You can print multiple photos in the memory card onto one sheet. You can print in 2-up, 4-up, 8-up, 20-up and 80-up layouts.

1. Load a memory card.
2. Press the Memory Card button.
3. Select Custom Print.



4. Select Photo (Multi).



5. Change the print setting.
➔ See “Changing Print Settings” on page 28
6. Select the photo which you want to print and set the number of copies.
➔ See “Changing the View of Photos on the LCD Panel and Selecting Photos” on page 18
7. Load the appropriate paper.
➔ See “Loading Paper” on page 5
8. Press the ◊ Color button or ◊ B&W button to start printing.

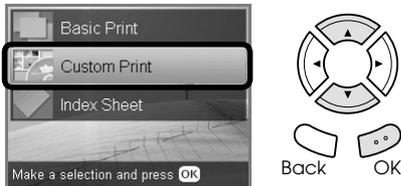
Note:

If you need to stop printing, press the ⓧ Stop button.

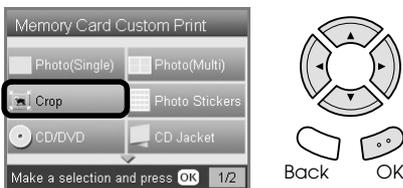
Printing Enlarged Images

You can crop and enlarge your photos.

1. Load a memory card.
2. Press the Memory Card button.
3. Select Custom Print.



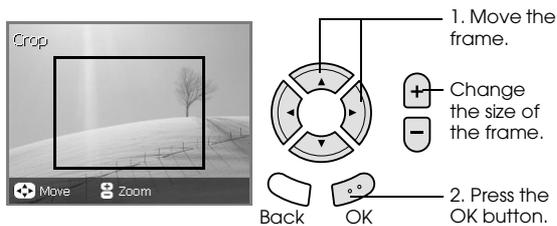
4. Select Crop.



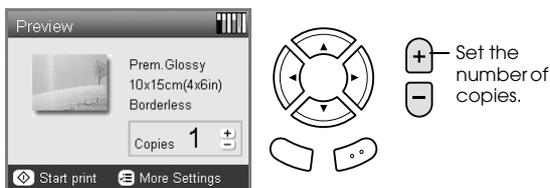
5. Change the print setting if necessary.
➔ See "Changing Print Settings" on page 28
6. Select the desired photo.



7. Set the area you want to crop by moving the frame and changing the frame size.



8. Confirm the preview image and set the number of copies.



Press the BACK button when readjusting the zoom area.

9. Load appropriate paper.
➔ See "Loading Paper" on page 5
10. Press the \diamond Color or \diamond B&W button to start printing.

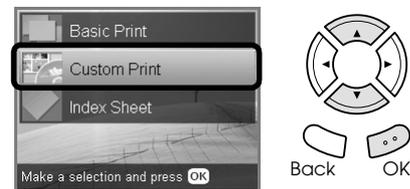
Note:

If you need to stop printing, press the \odot Stop button.

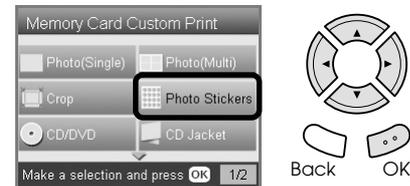
Printing Photo Stickers

You can print up to 16 stickers on one Photo Stickers sheet.

1. Load a memory card.
2. Press the Memory Card button.
3. Select Custom Print.



4. Select Photo Stickers.



5. Select the photo which you want to print and set the number of copies.
➔ See "Changing the View of Photos on the LCD Panel and Selecting Photos" on page 18

Note:

When only a single photo is selected, 16 copies of the same photo are printed in the 16-up layout on a single sheet of paper. When two or more photos are selected, copies of each photo selected in this step are printed in the 16-up layout.

6. Load Photo Stickers in the back tray.
➔ See "Loading paper into the back tray" on page 6
7. Press the \diamond Color button or \diamond B&W button to start printing.

Note:

If you need to stop printing, press the \odot Stop button.

Adjusting the print position on Photo Stickers sheet

1. Press the Setup button.
2. To move the image up or down, select Photo Stickers Position Up/Down. To move the image left or right, select Photo Stickers Position Left/Right.
3. Select the amount to move the image. Select the minus quantity when moving the image down or left, and the plus quantity when moving up or right.

Note:

- ❑ You can select from -2.5mm to 2.5mm .
- ❑ This product remembers the print adjustment settings even after it has been turned off, so you do not need to adjust the position each time you use the Photo Stickers function.

Printing on CD/DVD

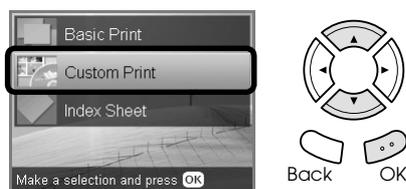
This section provides information on how to use the LCD panel to print directly onto a CD/DVD, without the use of a computer.

Refer to the *User's Guide* on the desktop if you are printing from a computer connected to the printer.

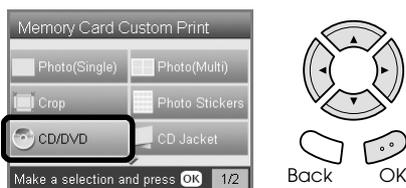
Note:

- ❑ Use only CD/DVD media labelled as suitable for printing, for example "Printable on the label surface" or "Printable with ink jet printers".
- ❑ The printed surface is easily smeared immediately after printing.
- ❑ Be sure to let CD/DVD dry completely more than 24 hours before using them or touching the printed surface.
- ❑ Do not allow the printed CD/DVD to dry in direct sunlight.
- ❑ Moisture on the printable surface may cause smearing.
- ❑ If the CD/DVD tray or the inner transparent section are accidentally printed on, immediately wipe off the ink.
- ❑ Reprinting on the same CD/DVD may not improve the print quality.

1. Load a memory card.
2. Load a CD or DVD.
➔ See "Loading a CD/DVD" on page 13
3. Press the Memory Card button.
4. Select Custom Print.



5. Select CD/DVD.



6. Change the print setting.
➔ See "Changing Print Settings" on page 28

- Select the photo which you want to print and set the number of copies.
➔ See “Changing the View of Photos on the LCD Panel and Selecting Photos” on page 18

Note:

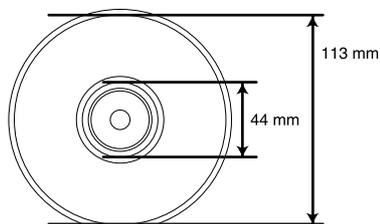
You cannot set the number of images to more than will fit on one CD/DVD. For example, you cannot select more than five photos when printing in 4-up layout.

- Press the ◊ Color button or ◊ B&W button to start printing.

Note:

- ❑ If you need to stop printing, press the ⏹ Stop button.
- ❑ We recommend that you print a test of the layout on a test CD/DVD, before printing on a real CD/DVD.
- ❑ If necessary, you can adjust the print position. See “Adjusting the Print Position” on page 14 for details.
- ❑ If an error message appears on the LCD panel, follow the instructions on the LCD panel to clear the error.
- ❑ The printable area of a CD/DVD is illustrated as follows.

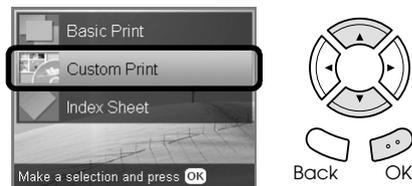
12-cm CD/DVD



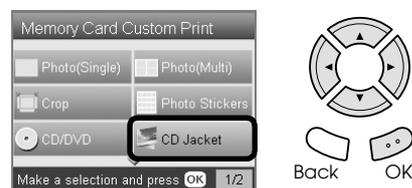
Printing a CD Jacket

You can print a CD jacket on A4 paper.

- Load a memory card.
- Press the Memory Card button.
- Select Custom Print.



- Select CD Jacket.



- Change the print setting.
➔ See “Changing Print Settings” on page 28
- Select the photo which you want to print and set the number of copies.
➔ See “Changing the View of Photos on the LCD Panel and Selecting Photos” on page 18
- Load the appropriate paper.
➔ See “Loading Paper” on page 5
- Press the ◊ Color button or ◊ B&W button to start printing.

Note:

If you need to stop printing, press the ⏹ Stop button.

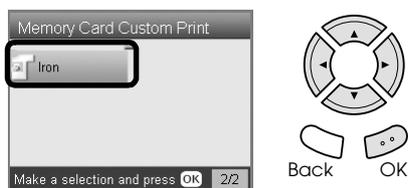
Printing on EPSON Iron-On Cool Peel Transfer Paper

You can print an image on EPSON Iron-On Cool Peel Transfer Paper and copy the printed image onto fabric using an iron.

1. Load a memory card.
2. Press the Memory Card button.
3. Select Custom Print.



4. Select Iron.



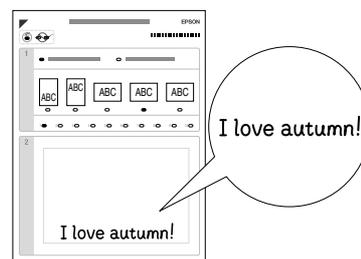
5. Change the layout.
➔ See "Changing Print Settings" on page 28
6. Select the photo which you want to print and set the number of copies.
➔ See "Changing the View of Photos on the LCD Panel and Selecting Photos" on page 18
7. Load EPSON Iron-On Cool Peel Transfer Paper into the back tray.
➔ See "Loading paper into the back tray" on page 6
8. Press the  COLOR button or  B&W button to start printing.

Note:

If you need to stop printing, press the  Stop button.

Printing Using a Combo Printing Sheet

You can add handwritten letters or drawings to your favorite photographs using the Combo Printing Sheet.



Printing a Combo Printing Sheet

1. Load a memory card.
2. Press the Creative Projects button.
3. Select Combo Print.



4. Select Select Photo and Print Template.



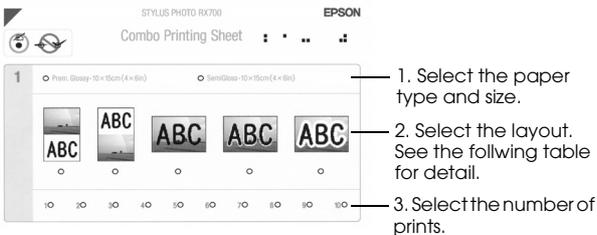
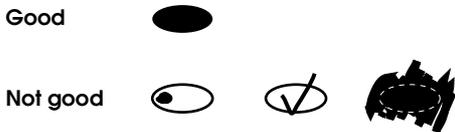
5. Select the photo which you want to print.
 ➔ See “Changing the View of Photos on the LCD Panel and Selecting Photos” on page 18
6. Load A4 plain paper into the front tray.
 ➔ See “Loading A4 plain paper into the front tray” on page 5
7. Press the Color button to start printing.

Note:

If you need to stop printing, press the Stop button.

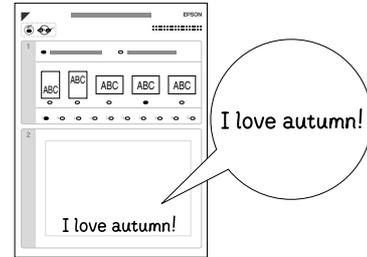
Printing with handwritten drawings by written in the Combo Printing Sheet

1. On the Combo Printing Sheet, use a dark pen to fill in the circle to select the paper type and size, layout and number of prints. See the examples below:



Layout	Description
	Prints a photo on the upper half and handwritten drawings on the lower half of the paper.
	Prints handwritten drawings on the upper half and a photo on the lower half of the paper.
	Prints handwritten drawings on the photo.
	Prints handwritten drawings edged with a thin border on a photo.
	Prints handwritten drawings edged with a thick border on a photo.

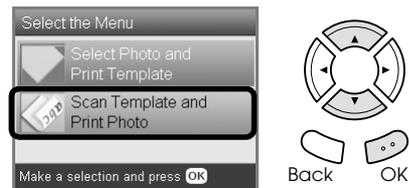
2. In the handwriting area on the Combo Printing Sheet, use a dark pen to write letters or make drawings that you want to add to the photo.



Note:

When you select the third layout from the left in step 1, your text or drawings may be difficult to read if you use a color similar to the color of the photo.

3. Load the paper you have selected on the Combo Printing Sheet.
4. Place the Combo Printing Sheet with its face down, and its top touching the left edge of the document table.
 ➔ See “Placing a Photo or Document on the Document Table” on page 7
5. Select Scan Template and Print Greeting Card to start printing.



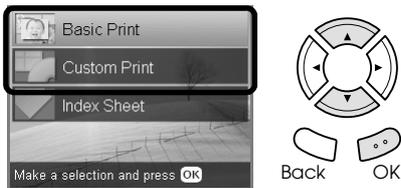
Note:

If you need to stop printing, press the Stop button.

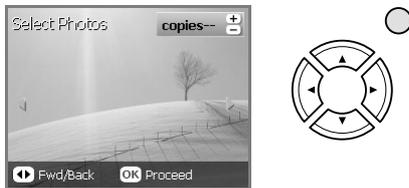
Printing with DPOF Functions

DPOF (Digital Print Order Format) is an industry-standard print file request format. This product conforms to DPOF version 1.10. DPOF lets you select photos and the number of copies for photos stored on a digital camera, before you start printing. To create DPOF data, you must use a digital camera that supports DPOF. For details on DPOF, refer to the documentation of your digital camera.

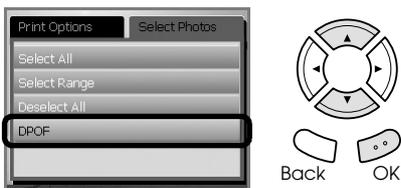
1. Load a memory card which contains DPOF data.
2. Press the Memory Card button.
3. Select Basic Print or Custom Print.



4. When you select Custom Print, change the print setting.
➔ See “Changing Print Settings” on page 28
5. Press the Options button once the Select photos screen is displayed.



6. Select DPOF.



7. Load appropriate paper.
➔ See “Loading Paper” on page 5
8. Press the Color or B&W button (for Custom Print only) to start printing.

Note:
If you need to stop printing, press the Stop button.

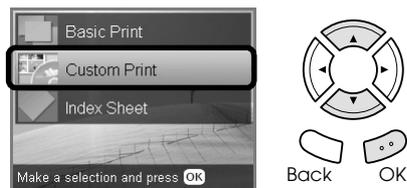
Printing with Photo Frames

You can add colorful and creative frames to your favorite photographs by editing frames using the PIF DESIGNER software and saving them with the EPSON PRINT Image Framer Tool software. Choose from a variety of ready made frames in the software CD-ROM and save the frames to a memory card in advance. For details, see the documentation of each application.

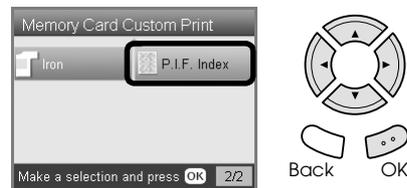
Printing a list of all frame data

You can print the thumbnails and filenames of your PRINT Image Framer data for checking before printing photos with frames.

1. Load a memory card containing PRINT Image Framer data.
2. Press the Memory Card button.
3. Select Custom Print.



4. Select P.I.F. Index.



5. Load A4 plain paper into the front tray.
➔ See “Loading A4 plain paper into the front tray” on page 5
6. Press the Color button.

Note:
If you need to stop printing, press the Stop button.

Printing photos with PRINT Image Framer

1. Load a memory card containing photo data and PRINT Image Framer data.

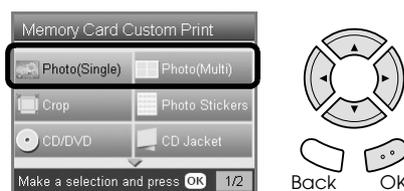
Note:

Be sure to save the PRINT Image Framer data to the memory card using the EPSON PRINT Image Framer Tool; otherwise the P.I.F. file name will not appear on the LCD panel.

2. Press the Memory Card button.
3. Select Custom Print.



4. Select Photo (Single) or Photo (Multi).



5. Select the P.I.F. file name that you want to add as the Layout setting in the Print Settings menu.
➔ See "Changing Print Settings" on page 28

Note:

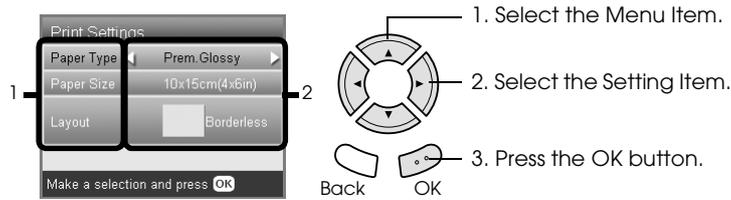
When you select a P.I.F. file name as the layout, the paper size is set automatically to fit to the frame size.

6. Select the photo which you want to print and set the number of copies.
➔ See "Changing the View of Photos on the LCD Panel and Selecting Photos" on page 18
7. Confirm the layout and number of prints on the LCD panel.
8. Load appropriate paper.
➔ See "Loading Paper" on page 5
9. Press the \diamond Color button or \diamond B&W button to start printing.

Note:

If you need to stop printing, press the \odot Stop button.

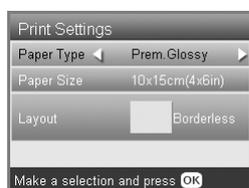
Changing Print Settings



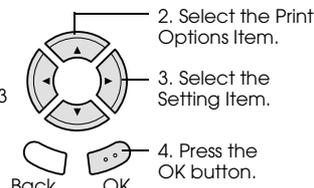
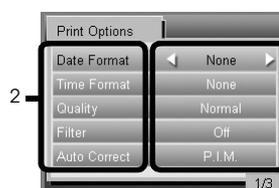
Menu Item	Setting Item	Description
Paper Type	Plain (Front), Plain (Back), Prem.Glossy, GlossyPhoto, SemiGloss, Photo Paper, Matte, Bright White (Front), Bright White (Back), CD/DVD	Prints in the paper type you select. See page 7 for detailed settings.
Paper Size	A4, A6, 10 × 15 cm (4 × 6 in), CD	Sets the paper size for printing.
Layout	Borderless* 	Prints without margin.
	with Border 	Prints with a 3 mm margin along the top, bottom, and on both sides.
	Upper1/2 	Prints on upper half part of paper.
	2-up 	<p>Prints multiple photos on one sheet. In 20-up and 80-up layout, the numbers and shooting dates are printed. The size of each photo is adjusted automatically according to the number of photos to print and the size of paper.</p> <p>You cannot print in black and white in 80-up layout.</p> <p>Note: When Crop is selected, copies of the same photo are printed to the selected layout on a single sheet of paper. A single copy of the photo is printed when anything other than the Crop is selected.</p>
	4-up 	
	8-up 	
	20-up 	
	80-up 	
	P.I.F. file name 	Prints photos with a PRINT Image Frammer Tool frame.
	1-up 	Prints one photo on the CD/DVD, centered on the hole in the middle of the disc. You can select this option only when CD/DVD is selected in the Memory Card Custom Print screen.
4-up 	Prints four photos on the CD/DVD, with one image in each of the four quarters. You can select this option only when CD/DVD is selected in the Memory Card Custom Print screen.	
12-up 	Prints 12 photos on the CD/DVD, arranged in a circle around the outer edge of the disc. You can select this option only when CD/DVD is selected in the Memory Card Custom Print screen.	
Jewel Case Upper 1/2 	Prints a photo into one side of the CD case. You can select this option only when CD Jacket is selected in the Memory Card Custom Print screen.	
Jewel Case Index 	Prints multiple photos into the CD case. You can select this option only when CD Jacket is selected in the Memory Card Custom Print screen.	

Menu Item	Setting Item	Description
Density (only for CD/DVD)	Normal	Makes no adjustment.
	Darker	Makes printouts slightly darker.
	Darkest	Makes printouts very dark.

Print detail settings



1. Press the Options button.



2. Select the Print Options Item.

3. Select the Setting Item.

4. Press the OK button.

Print Options Item	Setting Item	Description	
Date Format Prints the shooting date.	None*	Prints with no date information.	
	yyyy.mm.dd	e.g. 2005. 05. 15	The date is not printed when printing images that have already been scanned and saved to the memory card using this product.
	mmm.dd.yyyy	e.g. May. 15. 2005	
	dd.mmm.yyyy	e.g. 15. May. 2005	
Time Format Prints the shooting time.	None*	Prints with no time information.	
	12-hour system	e.g. 10:00	The time is not printed when printing images that have already been scanned and saved to the memory card using this product.
	24-hour system	e.g. 22:00	
Quality	Normal, Photo*, Best Photo	Sets the print quality.	
Filter	Off*	Does not print in sepia tone, but in color or gray scale. If you select Off, P.I.M. is automatically set as Auto Correct.	
	Sepia	Prints in sepia tone. If you select Sepia, PhotoEnhance is automatically set as Auto Correct.	
Auto Correct	P.I.M.*	Prints using the PRINT Image Matching function. If the photo data does not include P.I.M., try printing with PhotoEnhance.	
	PhotoEnhance	Prints enhanced images automatically. It requires longer time, but gives better quality.	
	Exif	Prints using the Exif Print function. It provides you with high-quality printouts.	
	None	Prints with no automatic correction.	
Brightness	Darkest	Makes printouts very dark.	
	Darker	Makes printouts slightly darker.	
	Standard*	Makes no adjustment.	
	Brighter	Makes printouts slightly brighter.	
	Brightest	Makes printouts very bright.	
Contrast	Highest	Makes contrast of printouts very strong.	
	Higher	Makes contrast of printouts slightly stronger.	
	Default*	Makes no adjustment.	
Sharpness	Sharpest	Makes the outline of subjects very sharp.	
	Sharper	Makes the outline of subjects slightly sharper.	
	Default*	Makes no adjustment.	
	Softer	Makes the outline of subjects slightly softer.	
	Softest	Makes the outline of subjects very soft.	

Print Options Item	Setting Item	Description	
Saturation	Lowest	Makes printouts very dull.	
	Lower	Makes printouts slightly duller.	
	Default	Makes no adjustment.	
	Higher	Makes printouts slightly more vivid.	
	Highest	Makes printouts very vivid.	
Small Image	On	Interpolates image resolution (and removes) noise. (Printing speed is slow.)	This feature is not available when None is selected as the Auto Correct setting.
	Off*	Interpolates image resolution (but does not remove) noise.	
Print Info.	Off*	Prints with no information.	
	On	Also prints information about the photo taken.	
Fit to Frame	On	Automatically trims the areas of an image that extend beyond the margins of the selected print size. Either the top and bottom, or the left and right areas of photo is trimmed, depending on the aspect ratio of the original photo and the selected print size.	
	Off*	Does not trim the image.	
Bidirectional	On*	Faster (Printing quality is normal.) By turning this function on, you can perform bidirectional printing (printing from right to left and from left to right).	
	Off	Slower (Printing quality is fine.)	

* Indicates the default setting.

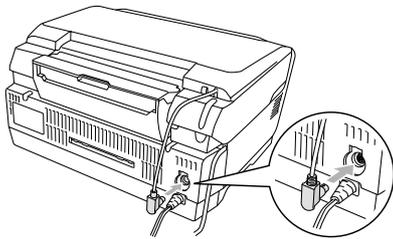
Printing from Film

Loading and Setting Film on the Document Table

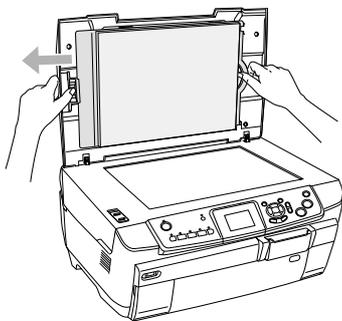
! **Caution:**
Hold the film at its edges, or else use gloves.
Touching the film surface with bare hands can leave fingerprints or other traces on the film.

Note:
Wipe the inside of the document cover and the document table before scanning transparencies.

1. Make sure the document cover's cable is connected to the TPU interface connector and open the document cover.



2. Remove the reflective document mat gently along the document cover.



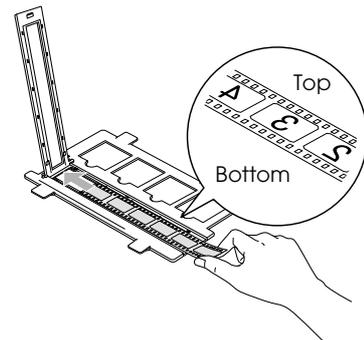
3. Load the transparency into the film holder and position it on the document table. Follow the instructions below as appropriate to your film.

35 mm film strips

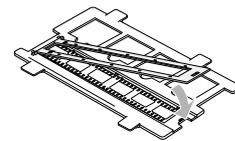
1. Open the film cover.



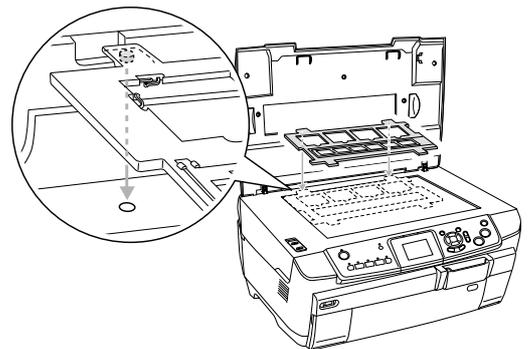
2. Set the film into the film holder, flush with the edge and with the front side down. The front side of the film is the side where the film maker's name and film ID numbers can be read correctly.



3. Close the film cover.

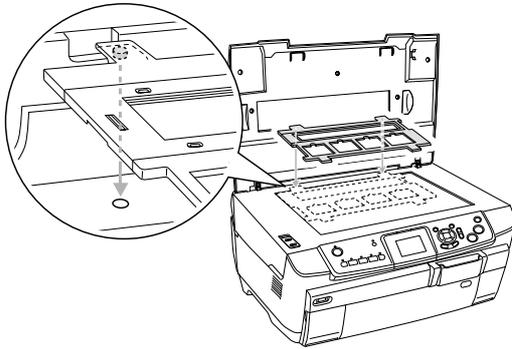


4. Place the film holder on the document table with the side where the film is placed facing toward you.

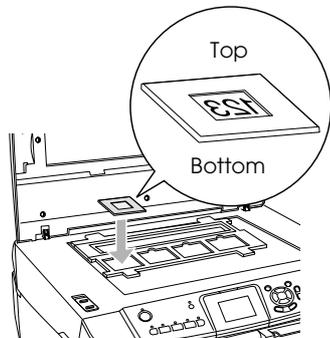


35 mm slides

- 1 Place the film holder on the document table with the side where the slides will be placed facing toward you.



- 2 Set the slides into the film holder with the base side facing down. The base side of the film is the side where the film maker's name and film ID numbers can be read correctly.



Note:

- ❑ There is a possibility that a film may not be readable due to the difference of the pitch width within 6 frames.
- ❑ Do not press the glass of the document table with too much force.

4. Close the document cover completely.

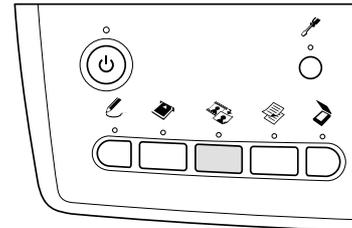
Note:

- ❑ A newton ring (ring-shaped stripes pattern) may appear in the scanned image. To remove the newton ring, set the film with the base side facing up. See the User's Guide for detail.
- ❑ When you are not using the film holder, you can store it inside the document cover. See "Storing the Film Holder" on page 34 for details.

Printing Basics to 10 x 15 cm Paper

You can print photos to 10 × 15 cm (4 × 6 in) paper without altering any settings.

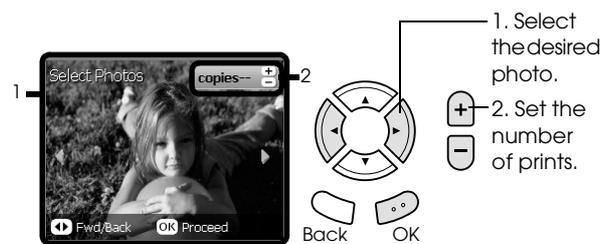
1. Load and set film on the document table.
 - ➔ See "Loading and Setting Film on the Document Table" on page 31
2. Press the Film button.



3. Select Basic Print.



4. Select the film type.
 - ➔ See "Selecting the Film Type" on page 34
5. Select the desired photo and set the number of prints.



6. Load appropriate paper.
 - ➔ See "Loading Paper" on page 5
7. Press the \diamond Color or \diamond B&W button to start printing.

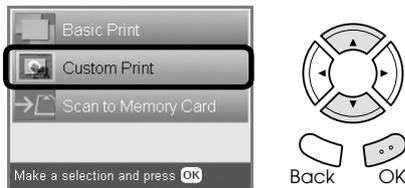
Note:

If you need to stop printing, press the \odot Stop button.

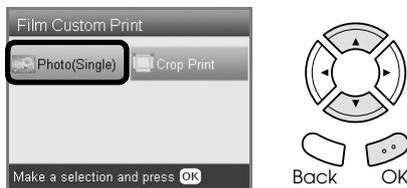
Printing a Single Photo

You can print photos to various size and types of paper with the appropriate settings.

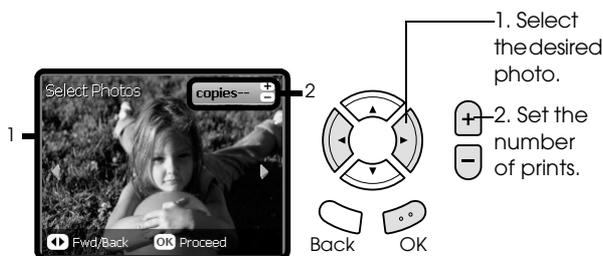
1. Load and set film on the document table.
2. Press the Film button.
3. Select Custom Print.



4. Select Photo (Single).



5. Change the print setting.
➔ See "Changing Print Settings" on page 34
6. Select the film type.
➔ See "Selecting the Film Type" on page 34
7. Select the desired photo and set the number of prints.



8. Load appropriate paper.
➔ See "Loading Paper" on page 5
9. Press the \diamond Color or \diamond B&W button to start printing.

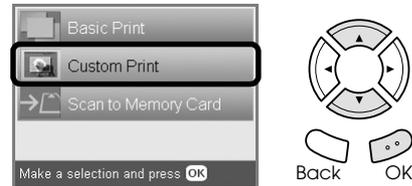
Note:

If you need to stop printing, press the \odot Stop button.

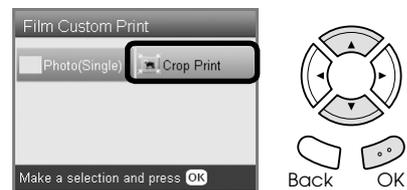
Printing Enlarged Images

You can crop and enlarge photos from your film.

1. Load and set film on the document table.
2. Press the Film button.
3. Select Custom Print.



4. Select Crop Print.



5. Change the print setting if necessary.
➔ See "Changing Print Settings" on page 34
6. Select the film type.
➔ See "Selecting the Film Type" on page 34
7. Select the desired photo.



8. Set the area you want to crop by moving the frame and changing the frame size.
➔ See step 7 in "Printing Enlarged Images" on page 21
9. Confirm the preview image and set the number of copies.
➔ See step 8 in "Printing Enlarged Images" on page 21
Press the BACK button when readjusting the zoom area.
10. Load appropriate paper.
➔ See "Loading Paper" on page 5
11. Press the \diamond Color or \diamond B&W button to start printing.

Note:

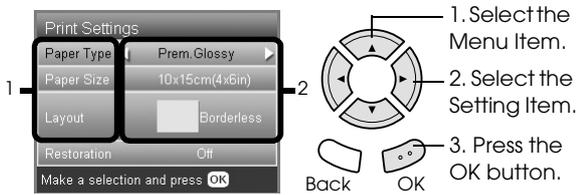
If you need to stop printing, press the \odot Stop button.

Selecting the Film Type



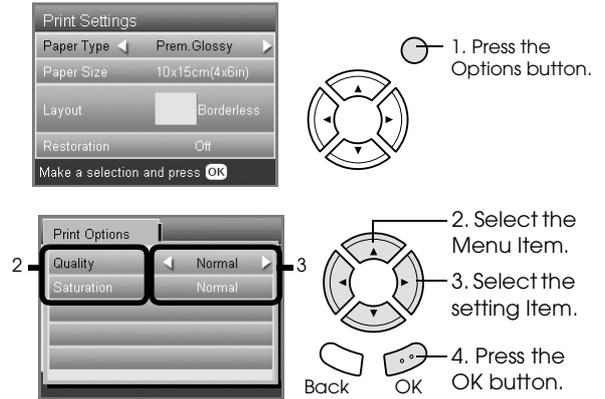
Color negative film	Positive color film (strip)
Color slide	B&W negative

Changing Print Settings



Menu Item	Setting Item	Description
Paper Type	Plain (Front), Plain (Back), Bright White (Front), Bright White (Back), Photo Paper, Prem.Glossy, GlossyPhoto, SemiGloss, Matte	Prints in the paper type you select. See page 4 for detailed settings.
Paper Size	A4, 10 × 15 cm (4 × 6 in)	Prints in the paper size you select.
Layout	Borderless	Prints without margin.
	with Border	Prints with margin.
Restoration	ON	Restores faded colors on film and in photos. Note: This setting has no effect when B&W negative is selected as the Film Type.
	OFF	Leaves faded colors on film and in photos as they are.

Print detail settings

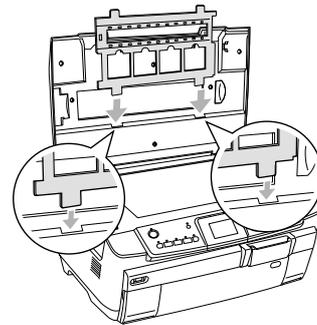


Print Options Item	Setting Item	Description
Quality	Normal, Photo, Best Photo	Prints in the quality setting you select.
Saturation	Less Saturation	Makes printouts duller.
	Normal	Makes no adjustment.
	More Saturation	Makes printouts more vivid.

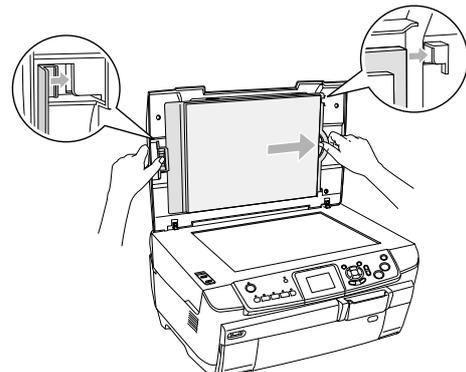
Storing the Film Holder

When not using the film holder, you can store it inside the document cover.

1. Open the document cover.
2. Slide the film holder into the document cover.



3. Insert the reflective document mat.



4. Close the document cover.

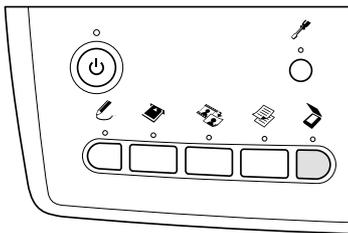
Scanning to a Memory Card

Note:

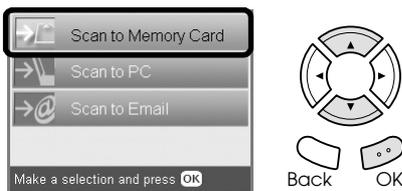
- ❑ For information on scanning images to a computer or e-mail, see the User's Guide.
- ❑ The scanned images are saved in JPEG format to the "epscan" folder which is automatically created when you scan to a memory card.

Scanning and Saving a document to a Memory Card

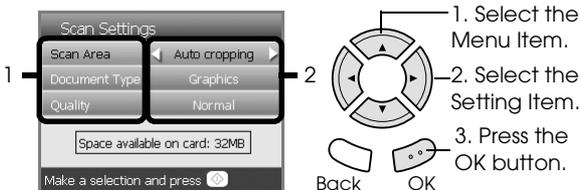
1. Place an original document on the document table.
➔ See "Placing a Photo or Document on the Document Table" on page 7
2. Load a memory card.
➔ See "Inserting Memory Cards" on page 15
3. Press the SCAN button to enter the Scan Mode.



4. Select Scan to Memory Card.



5. Select the appropriate scan settings.



Setting	Selection
Scan area	Auto cropping, Max area
Document Type	Text, Graphics
Quality	Normal, Text and Image

Quality affects the file size of images as follows:

Document type	Quality	Scanning resolution	Approximate file size*
Text	Normal	200 × 200 dpi	300 KB
	Text and Image	300 × 300 dpi	500 KB
Graphics	Normal	300 × 300 dpi	500 KB
	Text and Image		3.0 MB

*A4, color document.

6. Press the ◊ COLOR button to start scanning.

Note:

If you need to stop scanning, press the Ⓢ Stop button.

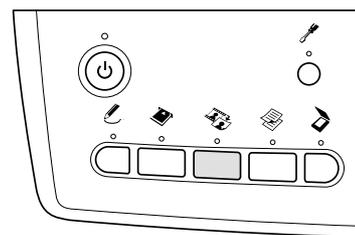


Caution:

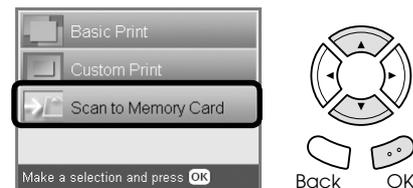
Never open the scanner unit while scanning as you may damage this product.

Scanning and Saving a film to a Memory Card

1. Set a film on the document table.
➔ See "Loading and Setting Film on the Document Table" on page 31
2. Load a memory card.
➔ See "Inserting Memory Cards" on page 15
3. Press the Film button to enter the Film Mode.

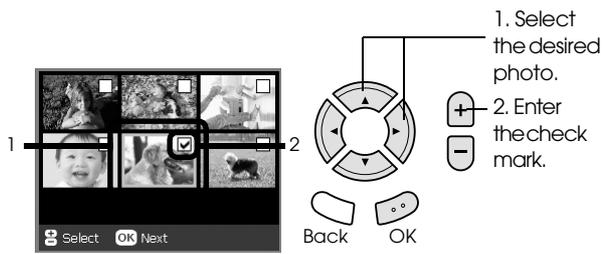


4. Select Scan to Memory Card.



5. Select the film type.
➔ See "Selecting the Film Type" on page 34

- Select the desired photo and enter the check mark of the photo you want to save.



- Select the Quality option by pressing the ◀/▶ buttons.

Scan quality affects the file size of the images. Be sure to leave enough space according to the following table:

Quality	Scanning resolution	Approximate file size
Text	1200 × 1200 dpi	500 KB
Photo	2400 × 2400 dpi	4.5 MB

- Press the ◊ Color button to start scanning.

Note:

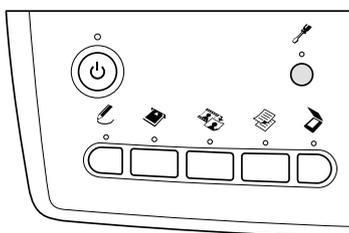
If you need to stop scanning, press the Ⓢ Stop button.

Printing Directly from a Digital Camera

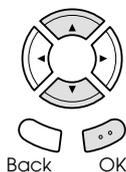
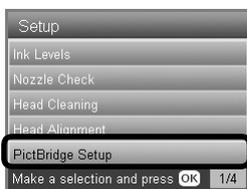
Printing Directly from a Digital Camera

You can use this feature with digital cameras which support the USB DIRECT-PRINT or PictBridge functions. For more details on the operation of the digital camera, refer to its manual.

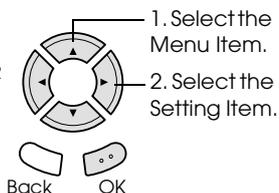
1. Turn on this product.
2. Make sure that no memory card is loaded.
3. Press the Setup button.



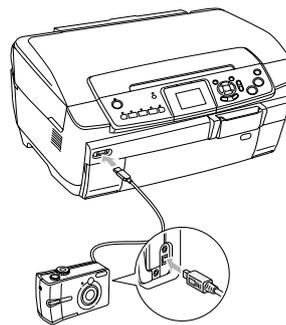
4. Select PictBridge Setup.



5. Change the print setting if necessary.
➔ See "Changing Print Settings" on page 28



6. Turn on the digital camera, then connect this product and the digital camera with a USB cable.



7. Use the digital camera to select the photo you want to print. Be sure to make the desired print settings on the digital camera because the digital camera settings generally take precedence over the print settings of this product. See your digital camera's documentation for information on more detailed settings.
8. Load appropriate paper.
➔ See "Loading Paper" on page 5
9. Print from the digital camera.

Note:

- ❑ Some of the settings on your digital camera may not be reflected in the output because of the printer's specifications.
- ❑ You cannot print TIFF format image files. If you wish to print TIFF files, print directly from a memory card.

Printing Directly from an External Device

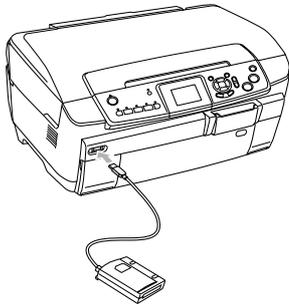
Printing Directly from an External Device

You can print images directly from an external device such as an MO drive, CD-R drive or USB flash drive, when connected to this product with a USB cable.

Note:

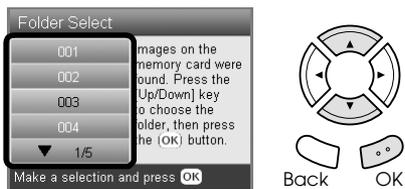
- ❑ This feature is only available with images that have been backed up using this product. See "Copying images from the memory card to an external device (backup)" of the next section.
- ❑ Not all of the devices that can be connected using a USB cable are supported. Contact your regional Customer Support for details.

1. Make sure that this product and the external device are switched off and that no memory card is loaded.
2. Use a USB cable to connect the external device to this product then switch them both on.



When using a USB flash drive, insert the drive directly into the USB port, and proceed to step 4.

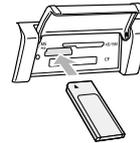
3. Insert a medium that contains photo data into the external storage device.
4. When the following screen is displayed, select which folder to print from.



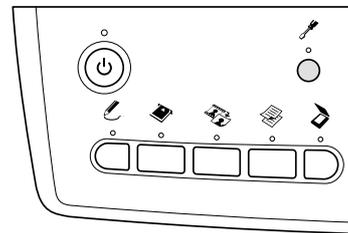
5. Follow the same procedure as when printing from a memory card to perform printing.

Copying images from the memory card to an external device (Backup)

1. Follow steps 1 and 2 in "Printing Directly from an External Device" in the previous section.
2. Insert a medium into the external device.
3. Load a memory card.
 - ➔ See "Inserting Memory Cards" on page 15



4. Press the Setup button.



5. Select Backup Memory Card.



6. Confirm the following message, then press the OK button.



7. Press the OK button again to start the backup.

Replacing Ink Cartridges

Choosing Ink Cartridges

You can use the following cartridges with this product.

Black ink cartridge	Black	T5591
Color ink cartridge	Cyan	T5592
	Magenta	T5593
	Yellow	T5594
	Light cyan	T5595
	Light magenta	T5596

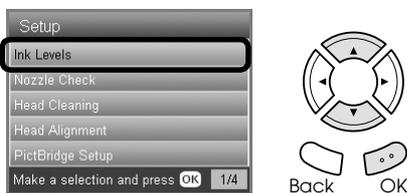


Caution:

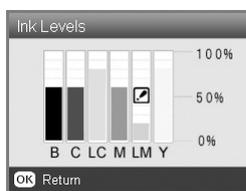
Epson recommends the use of genuine Epson ink cartridges. Epson warranties do not cover damage to your product caused by the use of ink cartridges not manufactured by Epson.

Checking the Ink Level

1. Press the Setup button.
2. Select Ink Levels.



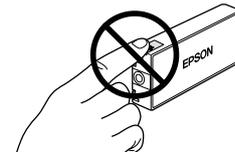
The amount of ink appears.



3. Press the OK button to return to the previous display once you have checked the ink level.

Precautions on Ink Cartridge Replacement

- ❑ If you need to remove an ink cartridge temporarily from this product, be sure to protect the ink supply area of the ink cartridge from dirt and dust. Store the ink cartridge in the same environment as this product.
- ❑ The valve in the ink supply port is designed to contain any excess ink that may be released. However, careful handling is recommended. Do not touch the supply port of the ink cartridge or its surrounding area.
- ❑ This product uses ink cartridges equipped with an IC chip. The IC chip accurately monitors the amount of ink used by each cartridge, so even if a cartridge is removed and then later inserted again, all of its ink can be used.
- ❑ When an ink cartridge becomes empty, you cannot continue copying or printing even if the other cartridges still contain ink. Before copying or printing, replace the empty cartridge.
- ❑ In addition to being used in document copying or printing, ink is also consumed in the following operations: print head cleaning, self-cleaning cycle performed when this product is turned on, and ink charging when an ink cartridge is installed in this product.
- ❑ Do not refill the ink cartridges. This product calculates the amount of ink remaining using an IC chip built into an ink cartridge. Even if the cartridge is refilled, the amount of ink remaining is not recalculated by the IC chip and therefore the amount of ink available for use does not change.
- ❑ After an ink cartridge is replaced, if the ink is low it may become empty. When a message appears to indicate the ink is low, prepare a new ink cartridge.
- ❑ Do not touch the green IC chip on the top of the cartridge. This can damage the ink cartridge.



Replacing Ink Cartridges

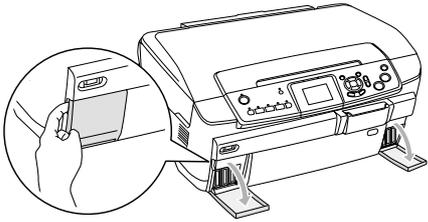
Note:

Before replacing an ink cartridge, read “Precautions on Ink Cartridge Replacement” on page 39 and “When handling ink cartridges” on page 3.

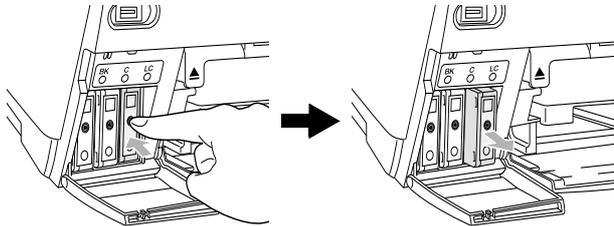
1. **When the ink is empty:**
Refer to the LCD panel message to see which ink cartridge is empty.

When the ink is low:
Proceed to the next step.

2. Open the cartridge covers.



3. Remove an ink cartridge from its package.
4. Gently push in on the ink cartridge that you want to replace. Pull the cartridge out of this product and dispose of it properly. Do not take the used cartridge apart or try to refill it.

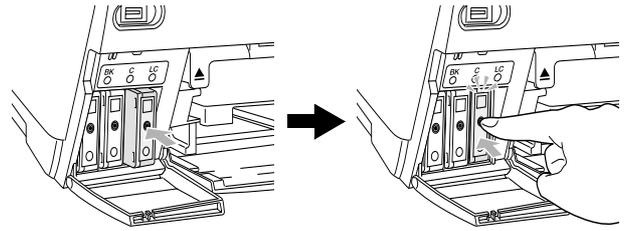


The illustration shows replacement of the light cyan ink cartridge.

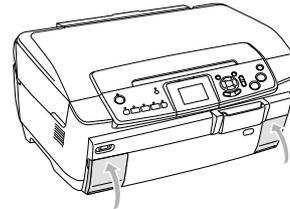
Warning:
If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. If discomfort or vision problems continue after a thorough flushing, see a doctor immediately.

Caution:
Leave the used ink cartridge installed until just before replacement; otherwise, ink remaining in the print head nozzles may dry out.

5. Insert the new ink cartridge slowly until it clicks into place.



6. Close the cartridge covers.



Caution:
Never turn off this product while ink charging in progress; Otherwise, this will cause incomplete charging of the ink.

Note:

- ❑ Do not repeatedly remove and reinsert the ink cartridge once it is installed.
- ❑ If you install a used ink cartridge with a low ink level, it may become empty right after the replacement. In this case, replace the ink cartridge with a new one.

Maintenance and Transporting

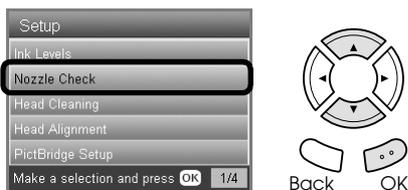
Checking the Print Head Nozzles

If you find that the printed image is unexpectedly faint or some dots in the printed image are missing, checking the print head nozzles helps you to identify the problem.

Note:

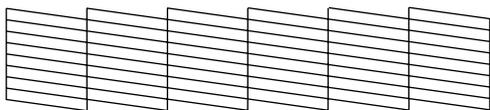
Make sure the CD/DVD tray is not inserted in this product and the CD/DVD guide is closed before using the Nozzle check utility.

1. Make sure that A4 paper is loaded in the front tray and press the Setup button.
2. Select Nozzle Check.

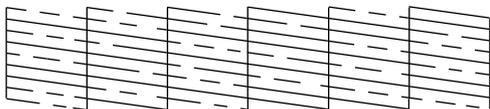


3. Confirm the messages on the LCD panel, then press the OK button to start the nozzle check.
4. Check the printout.

Good: print head does not need to be cleaned yet.



Not Good: print head needs to be cleaned.



The actual printouts are printed in color (CMYK).

If the nozzle check result is not good, there may be a clogged ink nozzle or a misaligned print head. To solve these problems, press the OK button and follow step 3 and 4 in “Cleaning the Print Head” of the next section.

If the nozzle check result is good, press the Back button to return to the Setup menu.

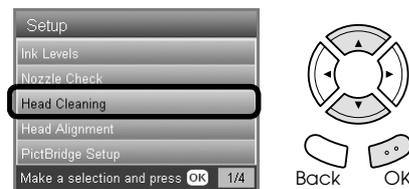
Cleaning the Print Head

If you find that the nozzle check result is unexpectedly faint or some dots in the printed image are missing, you may be able to solve these problems by cleaning the print head, which ensures that the nozzles are delivering ink properly.

Note:

- ❑ Print head cleaning uses both color and black ink. To avoid wasting ink, clean the print head only if the copy or print quality drops (for example, blurred printout, incorrect or missing color).
- ❑ Before cleaning the print head, perform the nozzle check first to see if it really needs to be cleaned. This saves ink.
- ❑ When a message appears on the LCD panel to prompt you to replace the ink cartridge or to indicate the ink is low, you cannot clean the print head. In this case, replace the appropriate ink cartridge first.
- ❑ Make sure the CD/DVD tray is not inserted in this product before using the Head Cleaning utility.

1. Press the Setup button.
2. Select Head Cleaning.



3. Confirm the messages on the LCD panel, then press the OK button to start head cleaning.
4. When Print head cleaning in progress. disappears from the LCD panel, press the OK button to perform the nozzle check to confirm that the head is clean and to reset the cleaning cycle. See “Checking the Print Head Nozzles” of the previous section.



Caution:

Never turn off this product while Head cleaning is in progress. Doing so may damage this product.

Note:

- ❑ If the print quality has not improved after repeating this procedure four or five times, turn this product off and leave it alone overnight. Then, perform the nozzle check again and repeat head cleaning if necessary.
- ❑ If the print quality still has not improved, one or more of your ink cartridges may be old or damaged and may need to be replaced. To replace an ink cartridge, see “Replacing Ink Cartridges” on page 40.
- ❑ To maintain good print quality, we recommend printing a few pages at least once every month.

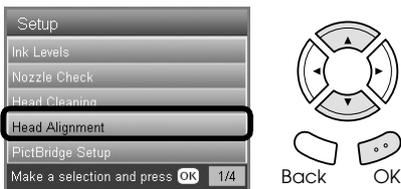
Aligning the Print Head

If you notice vertical lines are not aligned properly on the nozzle check result, you may be able to solve this problem by aligning the print head.

Note:

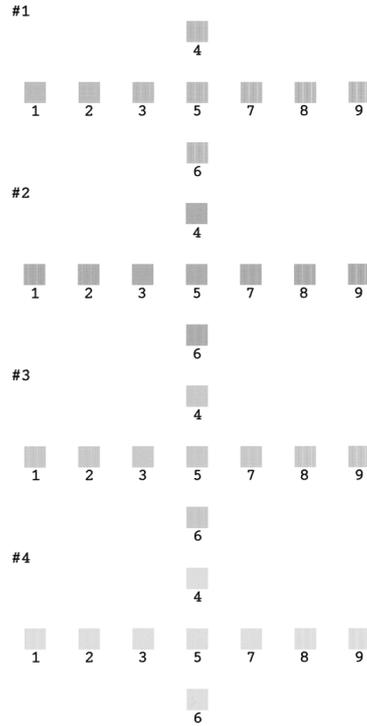
- ❑ Do not press the Stop button to cancel printing while printing an alignment pattern.
- ❑ Make sure the CD/DVD tray is not inserted in this product and the CD/DVD guide is closed before using the print head alignment utility.

1. Make sure that A4 paper is loaded in the front tray and press the Setup button.
2. Select Head Alignment.

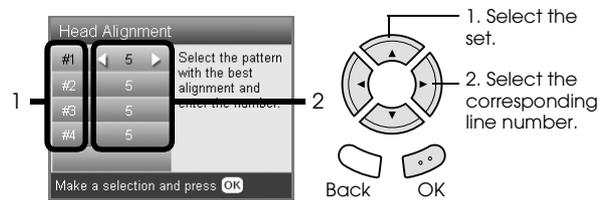


3. Confirm the messages on the LCD panel, then press the OK button to start head alignment.

4. The following alignment sheet is printed.



5. Look at the alignment pattern in each set and find the patch which is most evenly printed, with no noticeable streaks or lines.
6. Select the set and the corresponding line number and press the OK button.

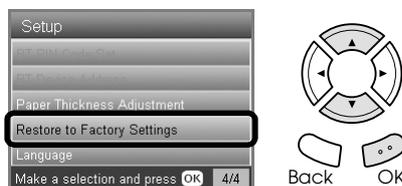


7. Press the OK button to finish.

Restoring Factory Settings

This resets all the settings to default. If you use this function, the setting values for each mode will be reset to the values which were preset at the factory.

1. Press the Setup button.
2. Select Restore to Factory Settings.



- After confirming the message on the LCD panel, press the OK button to restore the settings.

All the settings are restored to their defaults.

Transporting This Product

If you need to transport this product, carefully repack it using the original box (or a similar box that this product fits snugly into) and packing materials as follows:



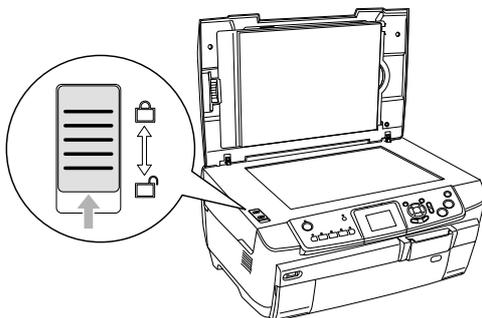
Caution:

- ❑ When storing or transporting this product, do not tilt it, stand it on its side, or turn it upside down. Otherwise ink may leak from the cartridge.
- ❑ Leave the ink cartridges in their installed positions when transporting this product; removing the cartridges for transportation may damage this product.

Note:

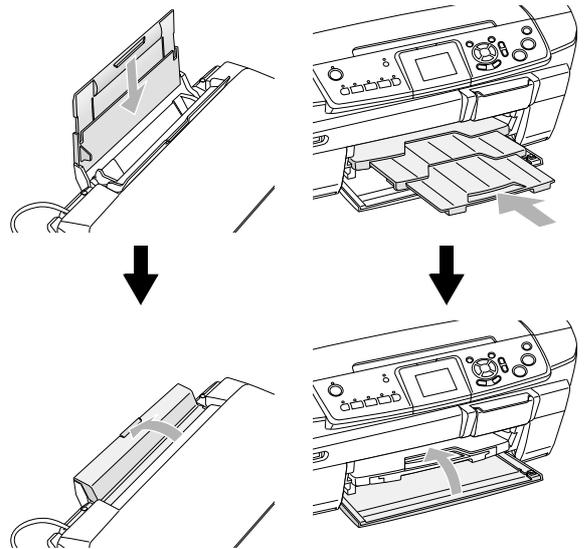
Do not forget to remove the protective materials from this product before using it again.

- Remove all paper from the trays and make sure that this product is off.
- Open the scanner unit.
- Make sure that the print head is in the home position on the right.
- Close the scanner unit.
- Open the document cover and slide the transportation clamp to lock the scanner carriage.



- Unplug the power cord from the electrical outlet.

- Close the CD/DVD guide if it is open. And then close the paper support, feeder guard, output tray, and front tray.



- Attach the protective materials to both sides of this product, and then repack this product and attachments in the box.

Note:

Be careful not to catch the document cover's cable on anything.

- Keep this product on a flat surface to protect it from shocks during transportation.

Changing the language displayed on the LCD panel

You can change the language displayed on the LCD panel.

- Press the Setup button.
- Press the ▲ or ▼ button to select Language.
- Press the ▲ or ▼ button to select the language that you want to display, then press the OK button.

Troubleshooting

Error Messages

You can diagnose and solve most problems by checking the error messages on the LCD panel. If you cannot solve the problems by checking the messages, use the following table and try the recommended solution.

Note:

The solutions provided are for problems which may arise when using this product as a stand alone device. Refer to the Online User's Guide for detailed solutions regarding printing, scanning, print quality, or computer-related problems.

Error Messages	Problem	Solution
Printer error occurred. Please see documentation.	An error has occurred in the printer parts.	Turn this product off, and then back on. If the error message still appears, contact your dealer.
Scanner error occurred. Please see documentation.	An error has occurred in the scanner parts.	Turn this product off, and then back on. Then make sure the transportation lock is released. If the error message still appears, contact your dealer.
Service required. Parts inside your printer are at the end of their service life. See your printer's documentation for details.		Contact your dealer.
Service required. Parts inside your printer are at near end of their service life. See your printer's documentation for details.		Contact your dealer.
Format error.	An error has occurred during formatting.	Retry the procedure. If the error reoccurs, there may be a problem with your memory card or storage media. Check the media and try again.

Clearing the Jammed Paper

If paper is jammed inside this product, an error message appears on the LCD panel. You may be able to clear the jammed paper using the Control Panel. Follow the instructions below.

1. Press the  Color button to eject the jammed paper. If the jammed paper is not ejected, go on to the next step.
2. Locate where the paper is jammed.

If the paper is jammed at the paper feeding position, remove all of the paper by hand.

If the paper is jammed at the ejecting position, remove the output tray. Remove all of the paper by hand, and then attach the output tray.

If the paper is jammed inside this product, press the  On button to turn off this product. Open the scanner unit and the CD/DVD guide. Remove all of the paper inside by hand, including any torn pieces.

3. After clearing the jammed paper, close the scanner unit and the CD/DVD guide, and then press the  On button.
4. Load a stack of paper in the front or back tray.

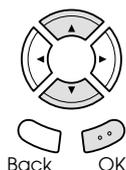
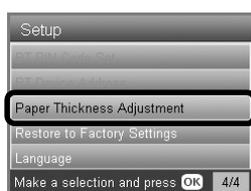
The Copied Image Is Improperly Sized

When **Auto Fit Page** is selected as the **Zoom** setting on the LCD panel and the border of the original document is white or very light, the size of the original might not be recognized correctly. This may cause the copied image to be improperly sized. To correct this, select **Actual** as the **Zoom** setting and then use the **Optional zoom** setting to adjust the size of the copied image.

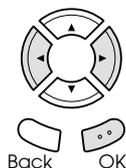
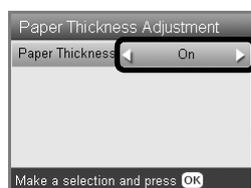
The Printout Is Blurry or Smeared

If the printout is blurry or smeared, adjust the paper thickness.

1. Press the **Setup** button.
2. Select **Paper Thickness Adjustment**.



3. Select **On**.



Note:

The **Paper Thickness Adjustment** setting is set to **On** until this product is turned off. The setting returns to **Off** the next time this product is turned on.

A Message Prompting You to Format the Memory Card Appears

If the message prompts you to format the memory card appears on the LCD panel, press the **OK** button to format the memory card.



Caution:

All data on a memory card is deleted when you format the memory card.

Cancelling the format

Press the **Cancel** button to cancel format, and then exchange it with a formatted one.

The Terms on the LCD Panel Are Not Displayed in Your Language

If the language displayed on the LCD panel is not the one you want to display, select the language you want from the **Setup** menu. See “Changing the language displayed on the LCD panel” on page 43 for details.

Customer Support

Contacting Customer Support

If your Epson product is not operating properly and you cannot solve the problem using the troubleshooting information in your product documentation, contact customer support services for assistance. Check your Pan-European Warranty Document for information on how to contact EPSON Customer support. They will be able to help you much more quickly if you give them the following information:

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

Technical Support Web Site

Go to <http://www.epson.com> and select the Support section of your local EPSON web site for the latest drivers, FAQs, manuals and other downloadables.

Epson's Technical Support Web Site provides help with problems that cannot be solved using the troubleshooting information in your printer documentation.

Product Specifications

Electrical

120V Model	
Input voltage range	100 to 120V
Rated frequency range	50 to 60 Hz
Power consumption	Approx. 25 W (Standalone copying ISO10561 Letter pattern) Approx. 2.5 W in sleep mode Approx. 12.5 W in low power mode Approx. 0.2 W in powered off mode
220-240V Model	
Input voltage range	220 to 240V
Rated frequency range	50 to 60 Hz
Power consumption	Approx. 25 W (Standalone copying ISO10561 Letter pattern) Approx. 2.5 W in sleep mode Approx. 12.5 W in low power mode Approx. 0.4 W in powered off mode

Note:

Check the label on the back of this product for the voltage information.

Environmental

Temperature	Operation: 10 to 35°C (50 to 95°F)
-------------	------------------------------------

Mechanical

Paper path	Sheet feeder, front and back entry
Sheet feeder capacity	Front: About 150 sheets at 64 g/m ² (17 lb) paper back: About 120 sheets at 64 g/m ² (17 lb) paper
Dimensions	450 mm × 418 mm × 236 mm (W × D × H, not including rubber feet and loading tray)
Weight	Approx. 12.9 kg (28.4 lb)

Printing

Printing method	On-demand ink jet
Nozzle configuration	Monochrome (black) 180 nozzles Color (cyan, magenta, yellow, light cyan, light magenta) 900 nozzles (180 nozzles per color × 5)

Scanning

Scanner type	Flatbed color image scanner
Document size	8.5× 11.7"(216× 297mm) A4 or US Letter size (The reading area can be specified from your software.)
Scanning resolution	3200 dpi (main), 6400 dpi (sub)

Paper

Single sheets	
Size	A4 (210 × 297 mm), A5 (148 × 210 mm)
Paper types	Plain bond paper, special paper distributed by Epson
Thickness (for plain bond paper)	0.08 to 0.11 mm (0.003 to 0.004 inch)
Weight (for plain bond paper)	64 g/m ² (17 lb) to 90 g/m ² (24 lb)
Photo Quality Ink Jet Paper	
Size	A4 (210 × 297 mm)
Paper Types	Special paper distributed by Epson
Bright White Ink Jet Paper	
Size	A4 (210 × 297 mm), A5 (148 × 210 mm)
Paper types	Special paper distributed by Epson
Matte Paper - Heavyweight	
Size	A4 (210 × 297 mm)
Paper types	Special paper distributed by Epson
Photo Paper	
Size	A4 (210 × 297 mm), 10 × 15 cm/4 × 6"(101.6 × 152.4 mm)
Paper types	Special paper distributed by Epson
Premium Glossy Photo Paper	
Size	A4 (210 × 297 mm), 10 × 15 cm/4 × 6"(101.6 × 152.4 mm)
Paper types	Special paper distributed by Epson
Premium Semigloss Photo Paper	
Size	A4 (210 × 297 mm), 10 × 15 cm/4 × 6"(101.6 × 152.4 mm)
Paper types	Special paper distributed by Epson
Photo Stickers	
Size	A6 (105 × 148 mm)
Paper types	Special paper distributed by Epson
Iron-on Cool Peel Transfer Paper	
Size	A4
Paper Types	Special paper distributed by Epson
CD/DVD	
Size	12-cm CD/DVD, 8-cm CD/DVD
Paper Types	Printable CD/DVD

Note:

- ❑ Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, Epson cannot guarantee the quality of any non-Epson brand or type of paper. Always test a sample of paper stock before purchasing large quantities or printing large jobs.
- ❑ Poor quality paper may reduce the print quality and cause paper jams or other problems. If you have print quality problems, switch to a higher grade paper.
- ❑ Do not load curled or folded paper.
- ❑ Use paper under normal conditions:
Temperature 15 to 25°C (59 to 77°F)
Humidity 40 to 60% RH

Memory card

Loadable memory card

Memory Stick	Memory Stick Duo*	Memory Stick PRO
Memory Stick PRO Duo*	MagicGate Memory Stick	MagicGate Memory Stick Duo*
SD Card	miniSD Card*	MultiMediaCard
CompactFlash	Microdrive	
SmartMedia	xD-Picture Card	

* An adapter is required.

Note:

The method of using each memory card varies between memory card types. Be sure to refer to the documentation packaged with your memory card for details.

Available image files

Media	DCF compliant**
File format	JPEG or TIFF format image files** taken with a DCF compliant digital camera.
Image size	Vertical 80 to 4600 pixels, horizontal 80 to 4600 pixels
Number of files	Up to 999

* DCF stands for the "Design rule for Camera File system" standard, which is set by the Japan Electronics and Information Technology Industries Association (JEITA).

** Supports Exif Version 2.21.

Note:

You cannot print images with file names containing double-byte characters.

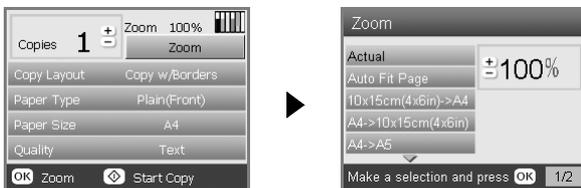
Summary of Panel Settings

Copy Mode



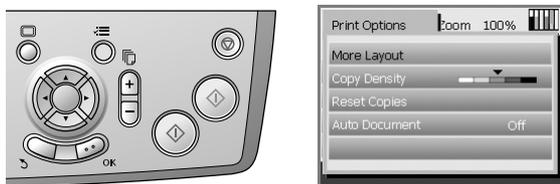
	Copies	1 to 99
	Copy Layout	Copy w/Borders, Borderless, CD Copy
	Paper Type	Plain (Front), Plain (Back), Prem.Glossy, GlossyPhoto, SemiGloss, Matte, PQIJ, Photo Paper, Bright White (Front), Bright White (Back), Sticker, CD/DVD
	Paper Size	A4, A5, A6, 10 × 15 cm (4 × 6 in)
	Quality	Draft, Text, Photo, Best Photo

Zoom Setting



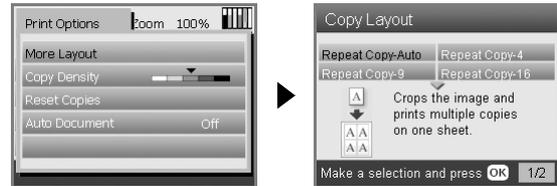
Actual	A4 -> A5
Auto Fit Page	A5 -> A4
10 × 15 cm (4 × 6 in) -> A4	25% to 400%
A4 -> 10 × 15 cm (4 × 6 in)	

Detailed Settings for Copy Mode



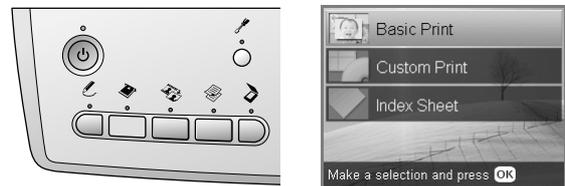
	More Layout	
	Copy Density	
	Reset Copies	
	Auto Document	OFF, ON

Copy Layout Settings



Repeat Copy-Auto	2-up Copy
Repeat Copy-4	4-up Copy
Repeat Copy-9	Photo Stickers
Repeat Copy-16	

Memory Card Mode



Basic Print	Index Sheet
Custom Print	

Custom Print Settings

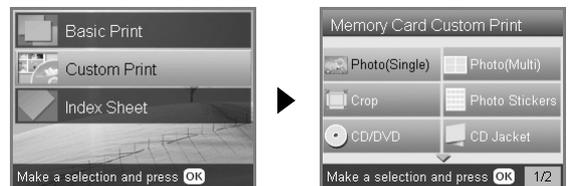
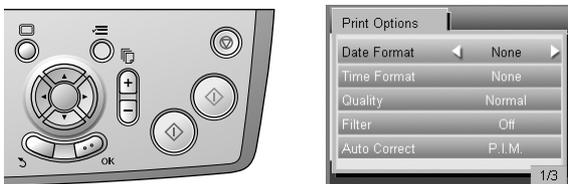


Photo (Single)	CD Jacket
Photo (Multi)	Iron
Crop	Photo Stickers
CD/DVD	

Print Setting for Memory Card Mode

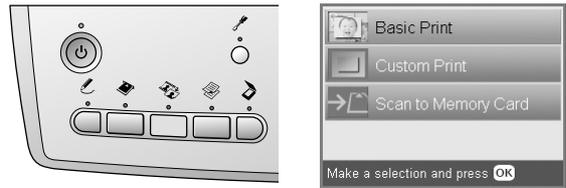
	
Paper Type	Plain (Front), Plain (Back), Prem.Glossy, GlossyPhoto, SemiGloss, Photo Paper, Matte, Bright White (Front), Bright White (Back), CD/DVD
Paper Size	A4, A6, 10 × 15 cm (4 × 6 in), CD
Layout	Borderless, with Border, Upper 1/2, 2-up, 4-up, 8-up, 20-up, 80-up, P.I.F. file name, 1-up (CD/DVD), 4-up (CD/DVD), 12-up (CD/DVD) Jewel Case Upper 1/2, Jewel Case Index
Density (only for CD/DVD)	Normal, Darker, Darkest

Print Options for Memory Card Mode



	
Date Format	None, yyyy.mm.dd, mmm.dd.yyyy, dd.mmm.yyyy
Time Format	None, 12-hour system, 24-hour system
Quality	Normal, Photo, Best Photo
Filter	Off, Sepia
Auto Correct	P.I.M., PhotoEnhance, Exif, Off
Brightness	Darkest, Darker, Standard, Brighter, Brightest
Contrast	Highest, Higher, Default
Sharpness	Sharpest, Sharper, Default, Softer, Softest
Saturation	Lowest, Lower, Default, Higher, Highest
Small Image	On, Off
Print Info.	Off, On
Fit to Frame	On, Off
Bidirectional	On, Off

Film Mode



Basic Print	Scan to Memory Card
Custom Print	

Film Type Setting

	
Scan Film	Color negative film, Positive color film (strip), Color slide, B&W negative

Custom Print Settings

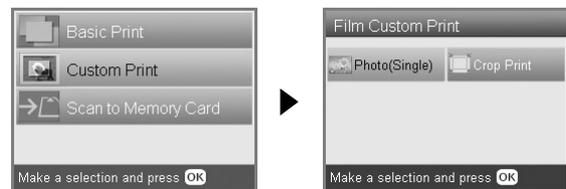
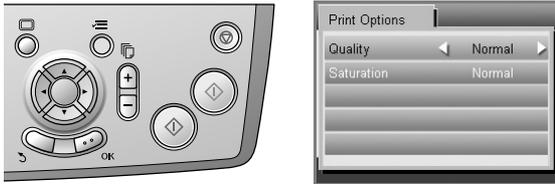


Photo (Single)	Crop
----------------	------

Print Settings for Film Mode

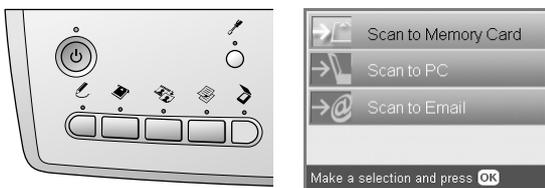
	
Paper Type	Plain (Front), Plain (Back), Bright White (Front), Bright White (Back), Photo Paper, Prem.Glossy, GlossyPhoto, SemiGloss, Matte
Paper Size	A4, 10 × 15 cm (4 × 6 in)
Layout	Borderless, with Border
Restoration	OFF, ON

Print Options for Film Mode



Quality	Normal, Photo, Best Photo
Saturation	Less Saturation, Normal, More Saturation

Scan Mode

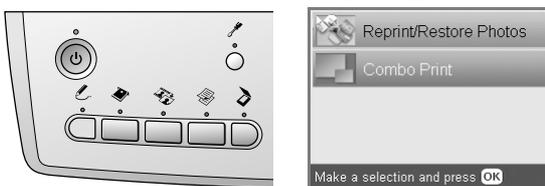


Scan to Memory Card	Scan to Email
Scan to PC	

Scan Settings

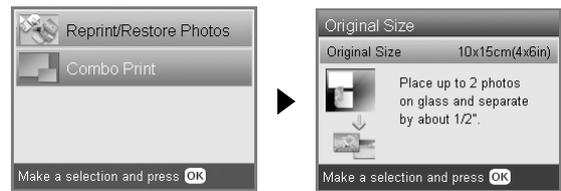
Scan area	Auto cropping, Max area
Document Type	Text, Graphics
Quality	Normal, Text and Image

Creative Projects Mode



Reprint/Restore Photos	Combo Print
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Scan Original Photo Setting for Reprint/Restore Photos

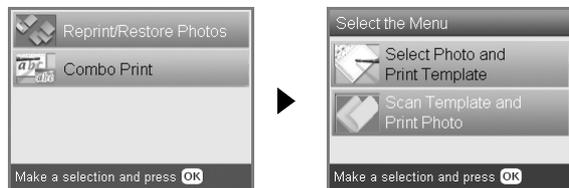


Original Size	10 × 15 cm (4 × 6 in)
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Print Settings for Reprint/Restore Photos

Paper Type	Prem.Glossy
Paper Size	10 × 15 cm (4 × 6 in), A4
Restoration	On, Off

Menus for Combo Print



Select Photo and Print Template
Scan Template and Print Photo

Setup Mode



Ink Levels	CD/DVD Position Up/Down
Nozzle check	CD/DVD Position Left/Right
Head Cleaning	BT Printer ID Set
Head Alignment	BT Connectivity Mode
PictBridge Setup	BT Encryption
Direct Print Document Set	BT PIN Code Set
Backup Memory Card	BT Device Address
Folder select	Paper Thickness Adjustment
Photo Stickers Position UP/Down	Restore to Factory Settings
Photo Stickers Position Left/Right	Language

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