

Mac OS X Supplement

Read this manual carefully before you use this machine and keep it handy for future reference. For safe and correct use, be sure to read the Safety Information in the Setup Guide before using the machine.

Introduction

This manual contains detailed instructions and notes on the operation and use of this machine. For your safety and benefit, read this manual carefully before using the machine. Keep this manual in a handy place for quick reference.

Important

Contents of this manual are subject to change without prior notice. In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.

Caution:

Use of controls or adjustments or performance of procedures other than those specified in this manual might result in hazardous radiation exposure.

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Apple, Macintosh, Mac OS and TrueType are registered trademarks of Apple Computer, Incorporated.

Other product names used herein are for identification purposes only and might be trademarks of their respective companies. We disclaim any and all rights to those marks.

Notes:

Some illustrations in this manual might be slightly different from the machine.

Certain options might not be available in some countries. For details, please contact your local dealer.

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Printing from a Macintosh OS X

This manual describes how to install and setup the printer drivers for Macintosh OS X computers.

Symbols

The following symbols used in this manual show precautions or references.



Note

•This symbol shows the precautions which must be taken and limitations. Read this article to prevent a failure or damage to the equipment, or improper operation.



Memo

•This symbol shows the references or supplemental remarks. Reading this article is recommended.

1. System Environments

Use this printer driver for Macintosh in the following system environment. Not including the operating system, the requirements for the following hardware components vary depending on the application being used with them.

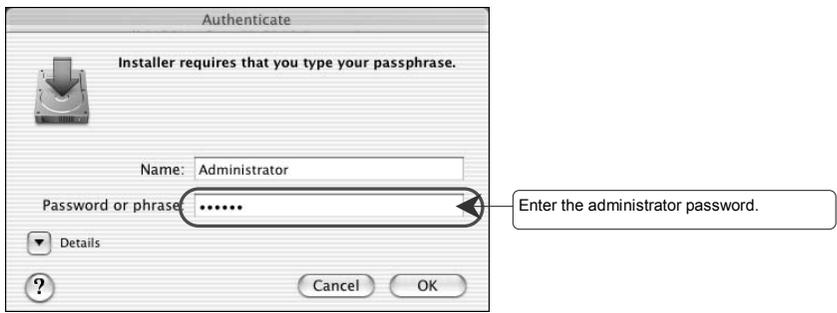
- Computer CPU
Power PC or Intel processor
- Connection
USB
- Operating System
Mac OS 10.2.x or later
- Memory
128MB or more
- Hard disk space
100MB or more is recommended (depending on the output file).

2. Installation

Before installation, connect the personal computer to the printer according to the description in the Hardware Guide. This section explains installation using Mac OS 10.2.8. The basic procedure is the same as other Mac OS versions. Although, there is one portion in which the screen and message differ.

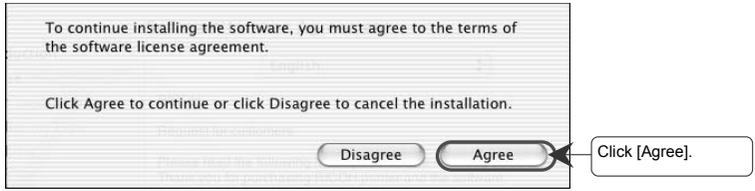
Installation procedure

1. Turn on the Macintosh.
2. Double-click the printer driver's package file icon.
3. The "Authenticate" screen is displayed. Enter the administrator password and click the [OK] button.



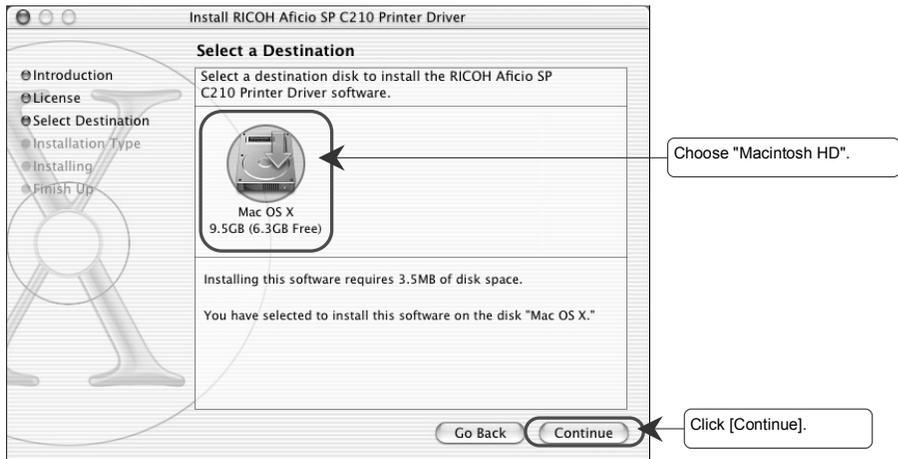
 •An administrator password is required in order to install this software.
Note

4. The installation introduction screen is displayed. Click the [continue] button to continue installation.
5. The "Software License Agreement" is displayed. Read the contents of the "Software License Agreement" and click the [Continue] button.
6. A dialog box is displayed. Click the [Agree] button.

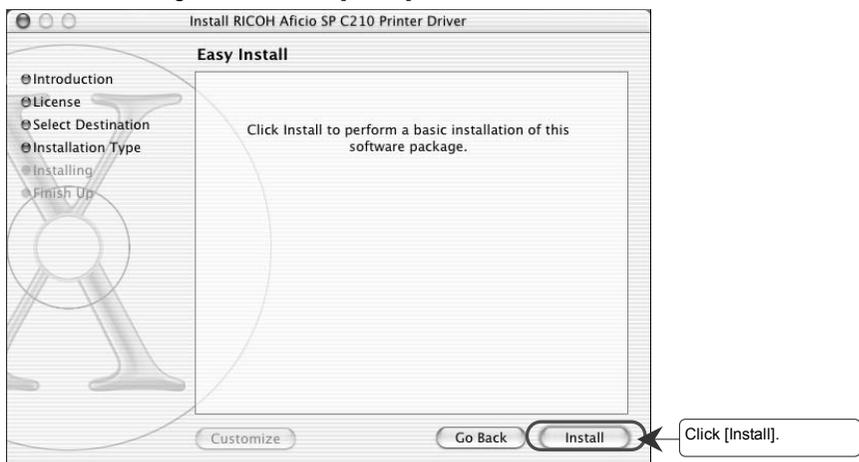


 •In installing a printer driver, the "Software License Agreement" is required.
Note

7. Select a destination to install the printer driver. Choose the "Macintosh HD" and click the [continue] button.



8. Installation begins. Click the [Install] button.



9. When the following dialog box is displayed, click the [Continue Installation] button. The file begins to copy..



- 10.** When the message, "The software was successfully installed" is displayed, the [Restart] button will be highlighted. Click the [Restart] button.

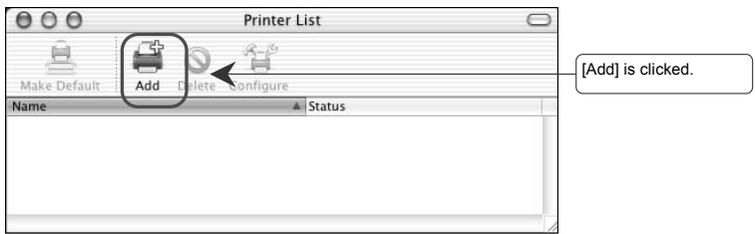


3. Connection Method

In order to print printing data by the printer, a USB needs to be set up. Please use a setup of system environment, setting up according to the following procedures.

Procedure

1. "Macintosh HD" - "Application" - "Utilities" - "Print Center" is opened and click the [Add] icon.

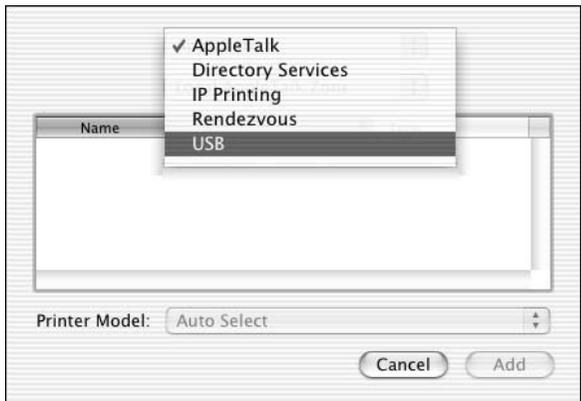


Memo

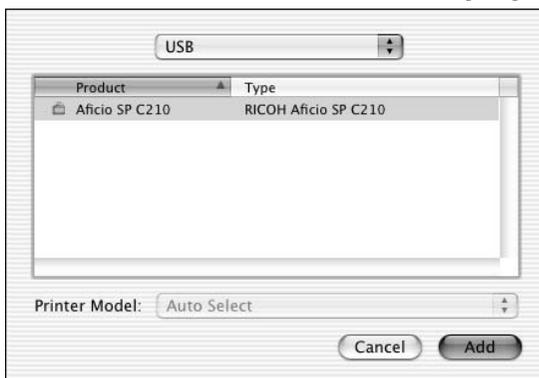
•The following message is displayed when there is no printer which can be used. Click the [Add] button.



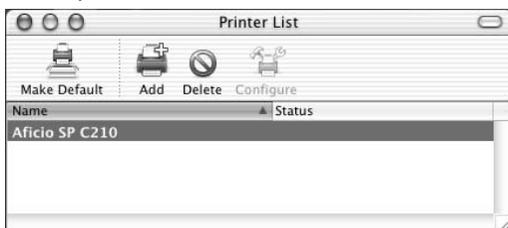
2. Choose "USB".



- 3.** Choose "Aficio SP C210". Then click the [Add] button.



- 4.** The printer name of Aficio SP C210 is added to the printer list.

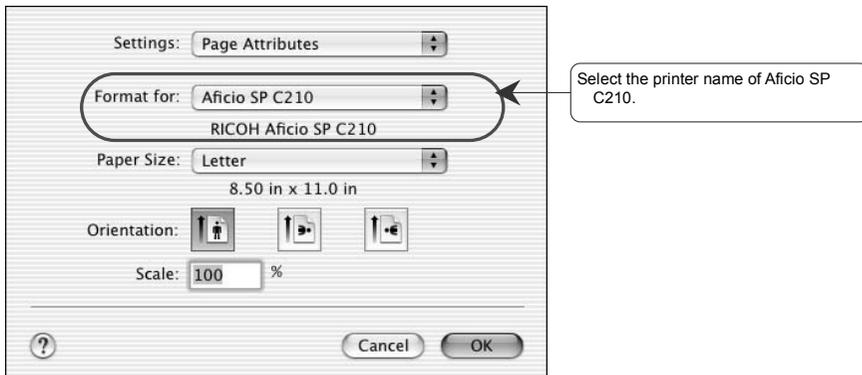


Printer set up is complete.

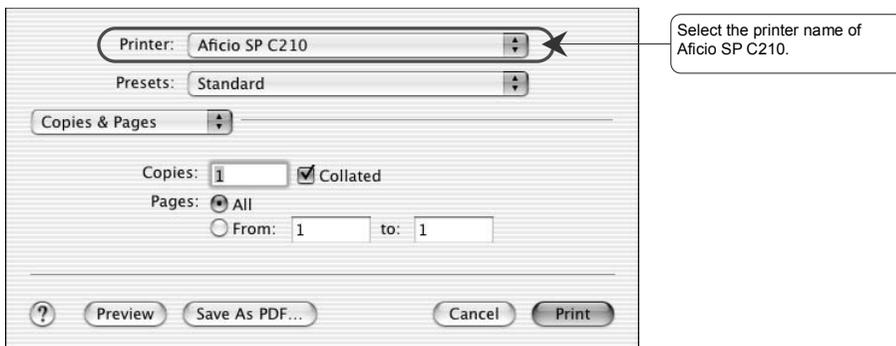
4. Printer Function Settings

To make settings on the printer driver, open the application by selecting "Page Setup" or "Print" in the "File" menu. Remember to select Aficio SP C210 as the target printer before making settings on the printer driver. The method for opening a dialog box can change depending on the application. Refer to the respective software application manual for details. In this example, a TextEdit file is used.

- In the case of "File"-"Page Setup" dialog



- In the case of "File"-"Print" dialog



4.1 Setting Paper Size

Sets a paper size to be printed.

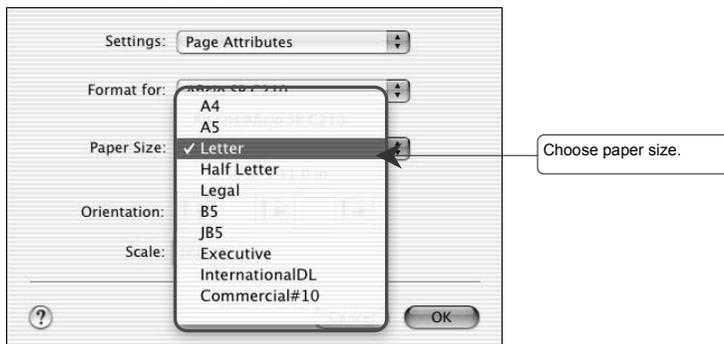
Select the paper size from the drop-down list.

The following paper sizes are available:

- A4
- B5(JIS)
- Half Letter
- B5(ISO)
- Commercial#10
- Custom Size
- A5
- Letter
- Executive
- Legal
- InternationalDL

Procedure

- 1.** Choose "Page Setup" from the "File" menu.
- 2.** Choose the appropriate paper size from the "Paper Size" pop-up menu.



Note

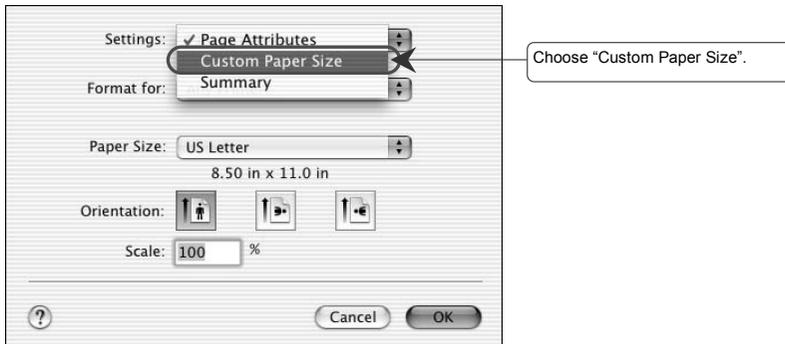
•Use cassette 1 when printing using A5, half Letter, legal,InternationalDL, Commercial#10 and custom paper size.

4.2 Setting Custom Paper Size

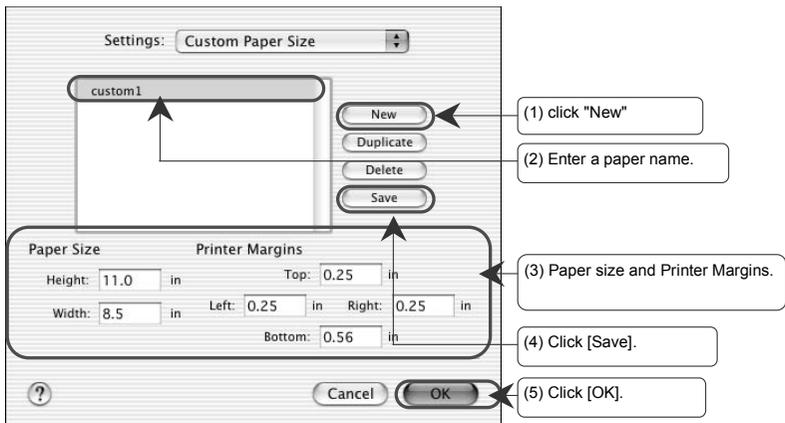
Make and save settings for a custom paper size.

Procedure

1. Choose "Page Setup" from the "File" menu.
2. Choose "Custom Paper Size" from the "Settings" pop up menu.



3. Enter the height and width of the custom paper size in the entry fields. Click "Save" and then, click "OK".



The range of the paper size which can be set up is as follows.

- Height 210.0 to 355.6mm (8.27 to 14.00 in.)
- Width 100.0 to 215.9mm (3.94 to 8.50 in.)

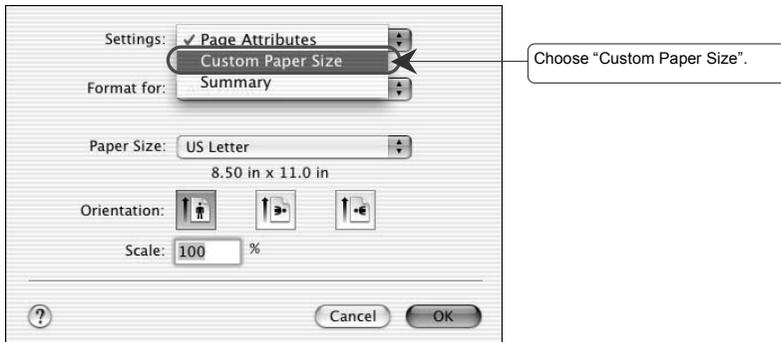
4. To use a saved custom paper size, open "Page Setup" from the "File" menu, and choose the saved custom paper size from the "Page Size" pop-up menu.

4.3 Deleting a Custom Paper Size

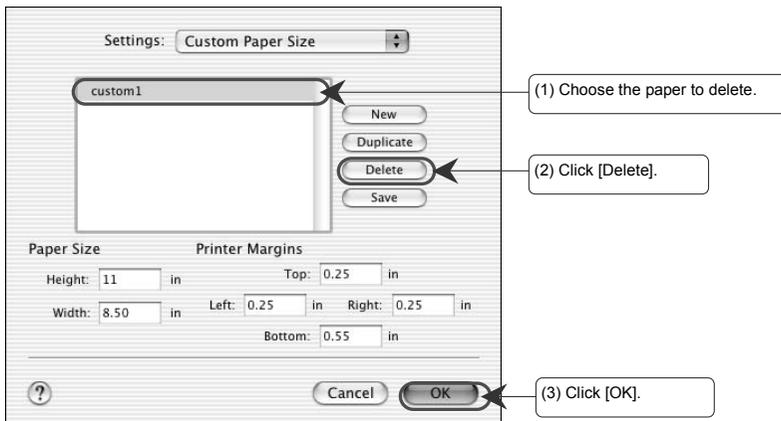
An original custom paper size created and saved by the user can be deleted.

Procedure

1. Choose "Page Setup" from the "File" menu.
2. Choose "Custom Paper Size" from the "Settings" pop up menu.



3. Choose the paper to delete and click [Delete] button.

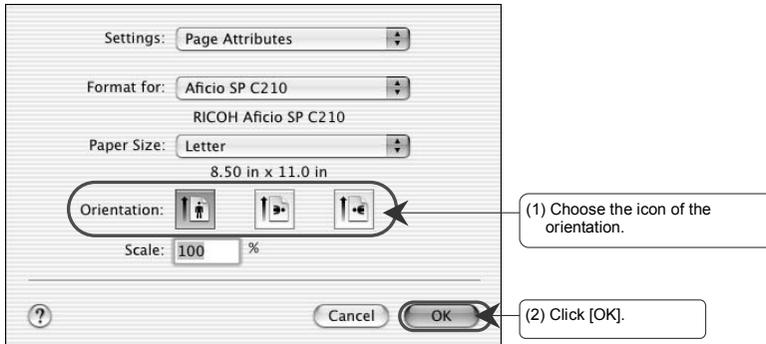


4.4 Setting Orientation

Specifies portrait, landscape or rotate print orientation on the paper.
Select the portrait, landscape or Rotate orientation icon.

Procedure

1. Choose "Page Setup" from the "File" menu.
2. Click the appropriate icon in Orientation.

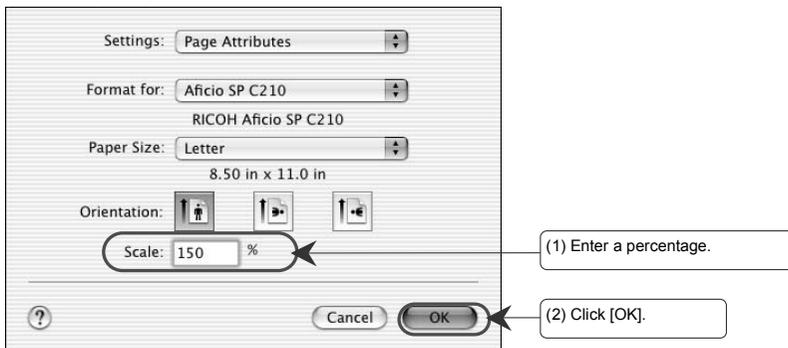


4.5 Setting Scale

To set the enlargement or reduction percentage, enter a percentage in the Scale box. The enlargement or reduction percentage ranges from 25% to 400%. You can specify the percentages in one-percent increments.

Procedure

1. Choose "Page Setup" from the "File" menu.
2. Specify magnification or reduction between 25% and 400%.

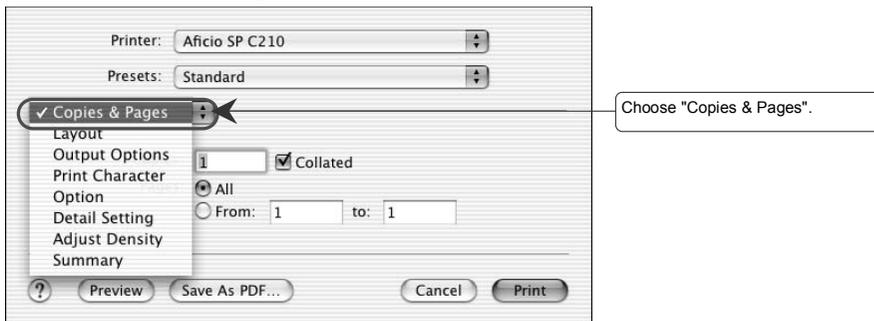


4.6 Setting the Number of Copies

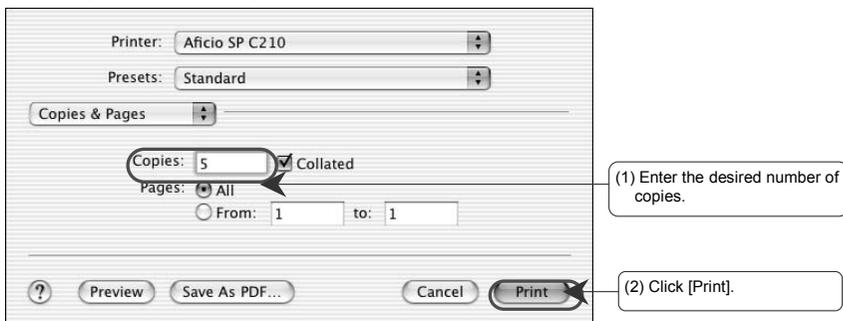
Make this setting when printing two or more copies of the same material. The desired number of copies can be entered into the "Copies" entry field. A number up to 999 can be entered. Click the [Print] button to start printing.

Procedure

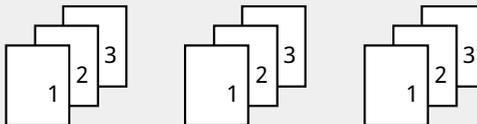
1. Choose "Print" from the "File" menu.
2. Choose "Copies & Pages".



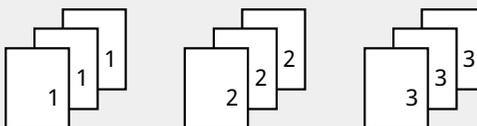
3. Enter the number of copies in the "Copies" entry field, and then click print. If the "Collated" check box is checked, printing will be collated and each copy will be printed through before starting the next copy.



•"Collated = ON"



•"Collated = OFF"

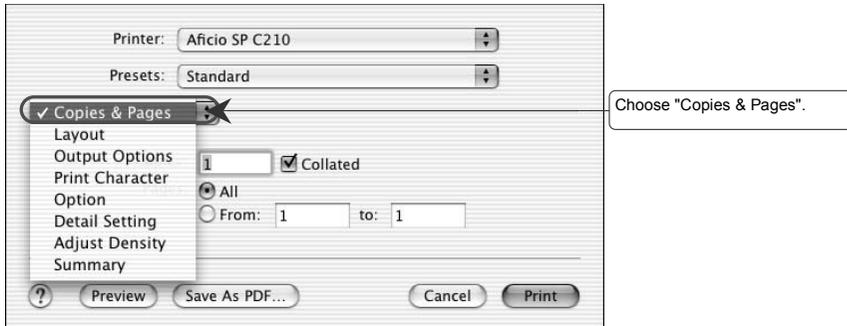


4.7 Printing a Specified Page

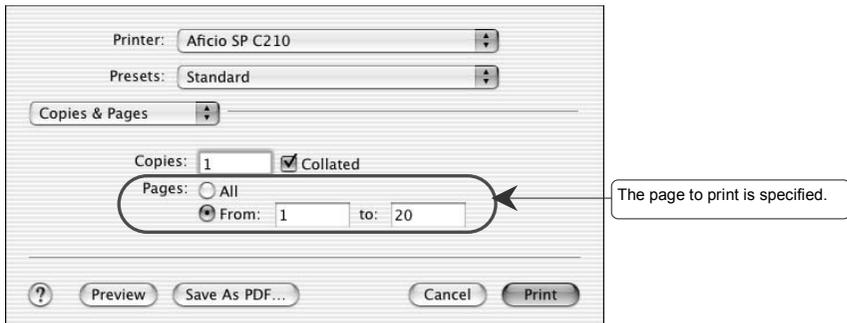
Whether to print "all" the pages or "specified pages" can be selected by "page specification". To print specified pages, enter a start page and end page in the "page specification" entry fields.

Procedure

1. Choose "Print" from the "File" menu.
2. Choose "Copies & Pages".



3. Specify the pages to be printed. Either all the pages are printed or specified pages are printed by entering a start and end page in the entry fields.



Memo

•When specifying to print only one page, enter the same number in both the start and end page entry fields.

4.8 Change of Layout

Reduce and print 2, 4, 6, 9, and 16 page manuscripts on one sheet of paper. Moreover, the printing order can be specified.



Memo

Two orientations, such as portrait and landscape cannot be printed on the same sheet of paper.

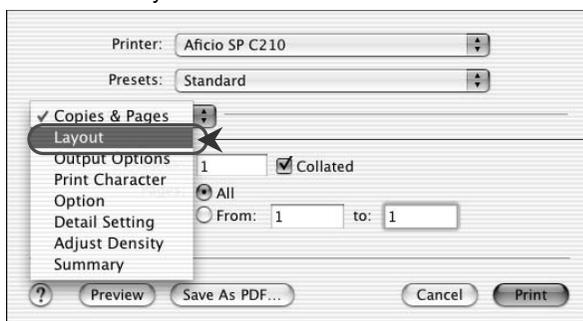
•In landscape orientation, when two pages are printed, the order is fixed from top to bottom.

● Printing order illustration (portrait orientation)

| Page Borders | 1 Page per one sheet | 2 Page per one sheet | 4 Page per one sheet | 6 Page per one sheet | 9 Page per one sheet | 16 Page per one sheet |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| Top Left to Right | | | | | | |
| Top Right to Left | | | | | | |
| Top Left to Bottom | | | | | | |
| Top Right to Bottom | | | | | | |

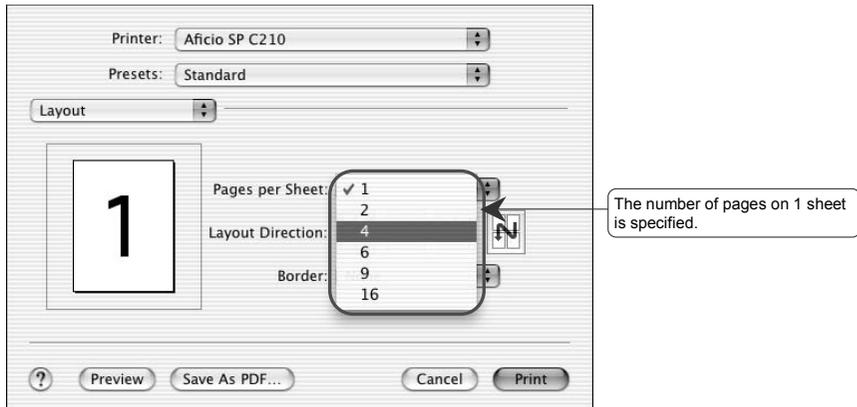
Procedure

1. Choose "Print" from the "File" menu.
2. Choose "Layout".

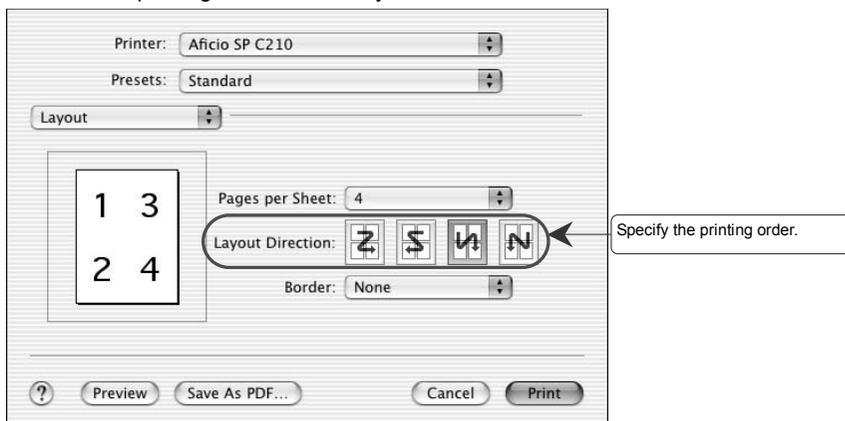


Choose "Layout".

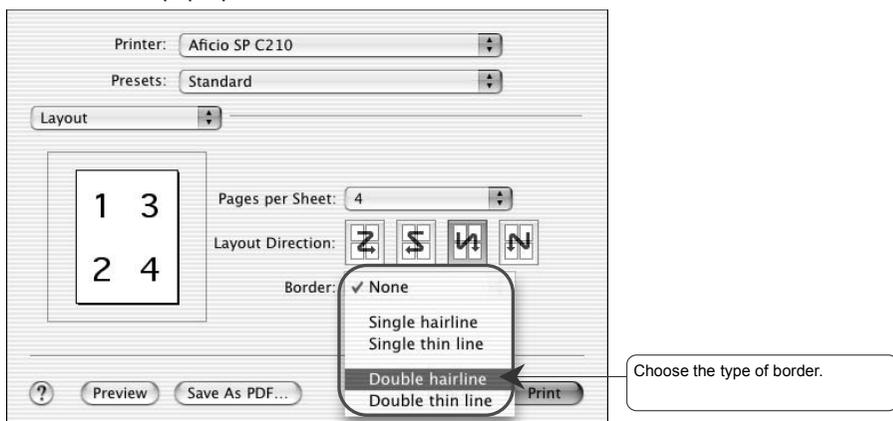
- 3.** Choose the number of pages printed on 1 page in "Pages per sheet."



- 4.** Choose a printing order in the "Layout Direction."



- 5.** A border for every page can also be printed. Choose the type of line to be printed from the "Border" pop-up menu.

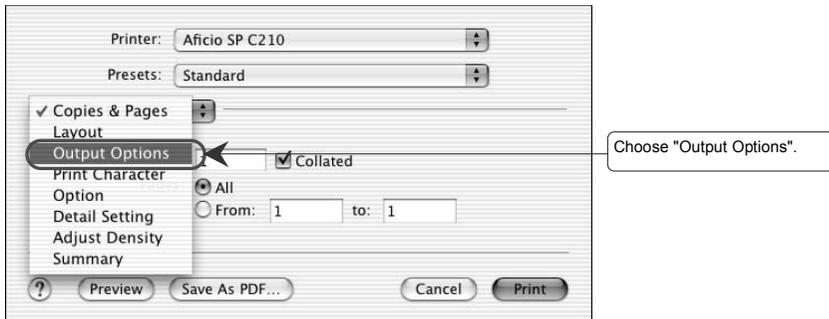


4.9 Save in PDF File Form

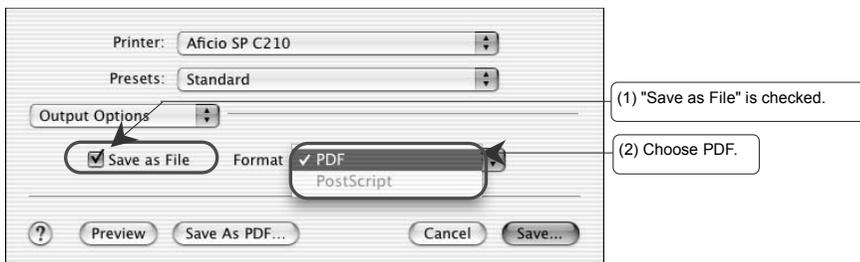
Make settings when saving in PDF file form.

Procedure

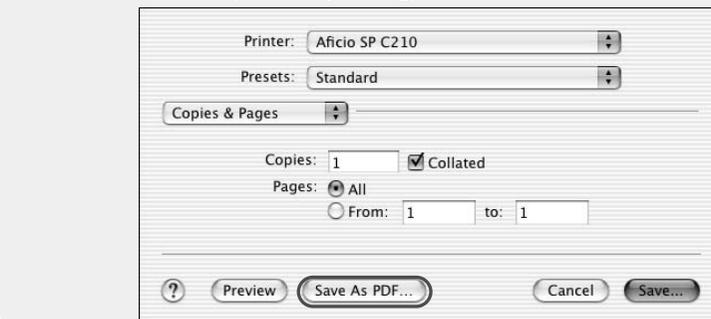
1. Choose "Print" from the "File" menu.
2. Choose "Output Options".



3. Confirm "Save as File" and choose "PDF" from the format pop up menu.



•When saving as a PDF file, even if the "Print" dialog box under the "File" menu is opened, clicking the [Save as PDF] button saves the data as a PDF file (without printing).



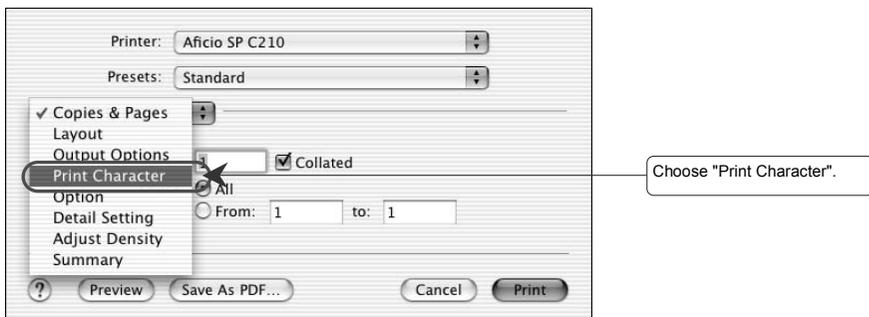
4.10 Setting Print Mode

Choose the printing mode suitable for the printing purpose. Choose from "High Speed", "Standard", and "High Quality".

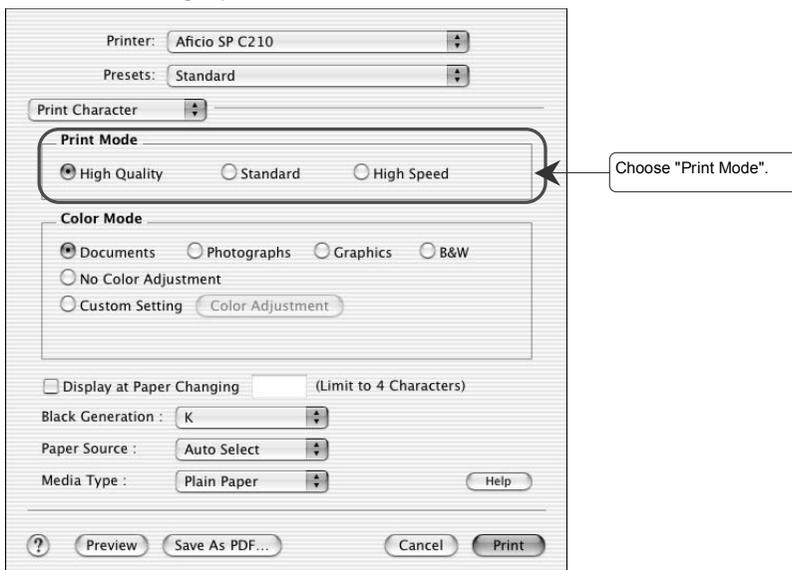
| Print Mode | Explanation |
|--------------|--|
| High Speed | This mode gives priority to printing speed. It becomes invalid when B&W is chosen in color mode. |
| Standard | This is the default printing mode. |
| High Quality | This mode gives priority to printing quality. |

Procedure

1. Choose "Print" from the "File" menu.
2. Choose "Print Character".



3. Choose the target print mode.



4.11 Setting Color Mode

Choose the color mode suitable for the printing purpose.

| Item | Explanation |
|---------------------|---|
| Documents | This mode prints characters and color lines distinctly. |
| Photographs | This mode is used for color pictures, such as a photograph, and prints colors finely. |
| Graphics | This mode prints in brilliant color. |
| B&W | This mode prints in monochrome. |
| Custom Setting | This mode prints as set by the user. |
| No Color Adjustment | Choose this mode when color compensation is unnecessary. |

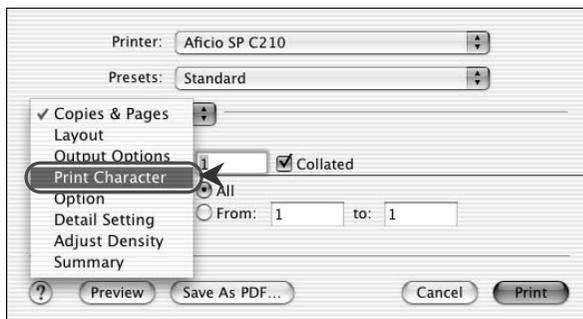


•Documents, photographs, graphics and B&W are the recommended color modes for printing.

Memo

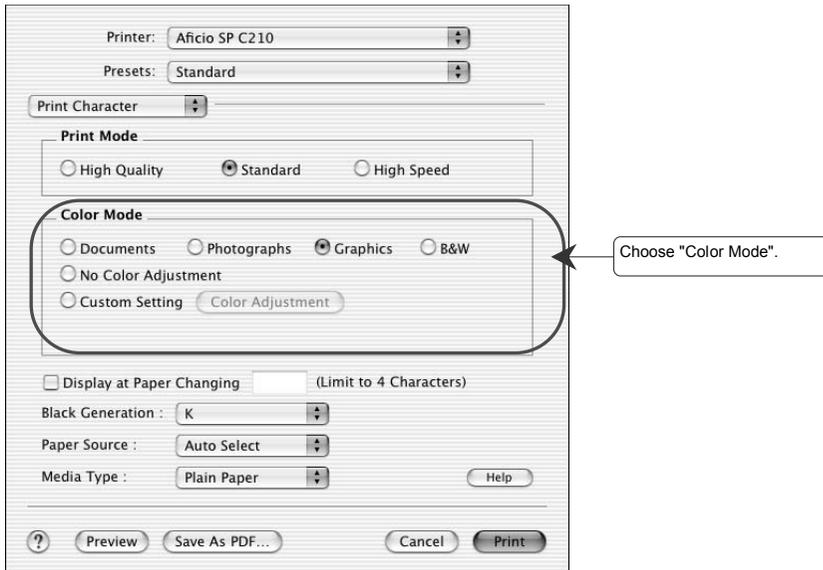
Procedure

1. Choose "Print" from the "File" menu.
2. Choose "Print Character".



Choose "Print Character".

3. Choose the target color mode.

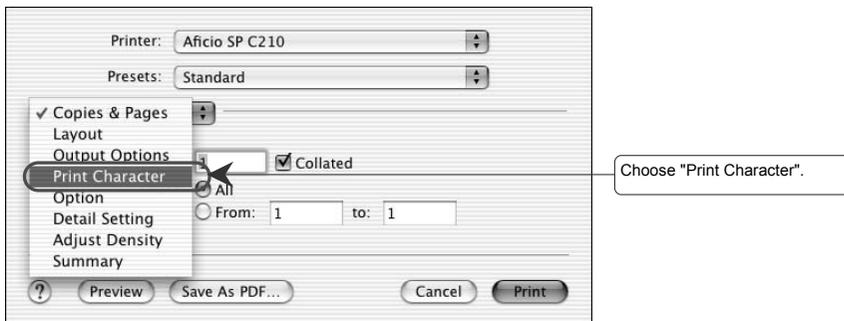


4.12 Saving a Custom Color Mode

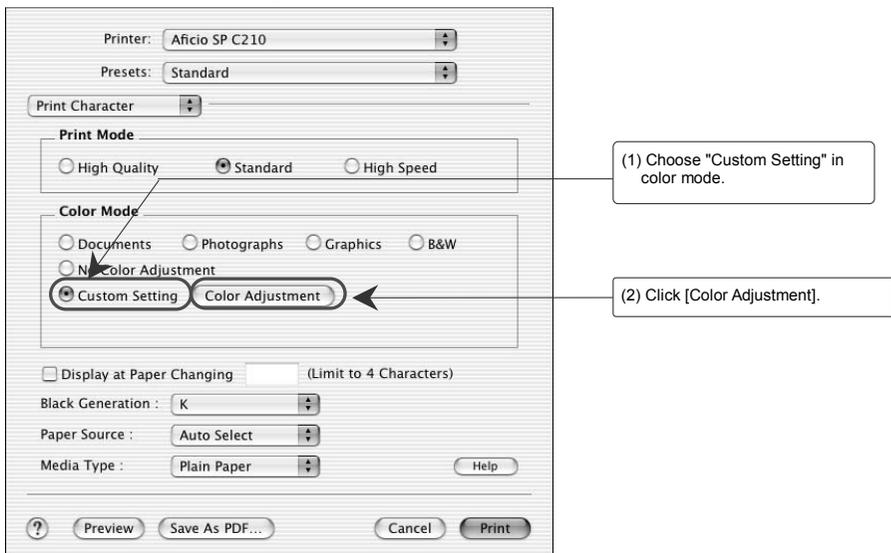
A user can freely adjust and save a color mode to print in a color mode suited to the printing purpose. The [Color Adjustment] button becomes effective only after selecting "Custom Setting" in color mode.

Procedure

1. Choose "Print" from the "File" menu.
2. Choose "Print Character".



3. Choose "Custom Setting" in color mode and click the [Color Adjustment] button.



4. Looking at a display sample, adjust brightness, saturation, contrast, and color-balance, and then click the [OK] button.

The screenshot shows the 'Color Adjustment' dialog box. It features a 'Sample' area on the left with a photo of a child. The main area contains several sliders and dropdown menus. Callouts provide the following instructions:

- (1) Choose a sample picture.
 - Child
 - Scenery
 - Yacht
 - Fruit
- (2) Choose the color mode used as a base.
 - Photographs, • Documents, • Graphics, • Normal
- (3) Adjust brightness. It can set up among 21 stages from -10 to +10.
- (4) Adjust vividness. It can set up among 21 stages from -10 to +10.
- (5) Adjust contrast. It can set up among 21 stages from -10 to +10.
- (6) Adjust a color-balance. It can set up by 21 steps of Hazama from -10 to +10.
- (7) Click [OK].

5. Return to the "Print Character" dialog. "Save as" is chosen by "Presets".

The screenshot shows the 'Print Character' dialog box. The 'Presets' dropdown menu is open, showing options: 'Save', 'Save As...', 'Rename...', and 'Delete'. A callout points to 'Save As...' with the text 'Choose "Save as"'. Other settings visible include Printer: Aficio SP C210, Print Mode: Standard, Color Mode: Custom Setting (Color Adjustment), and buttons for Preview, Save As PDF..., Cancel, and Print.

6. Input the name of Presets to save and click the [OK] button.

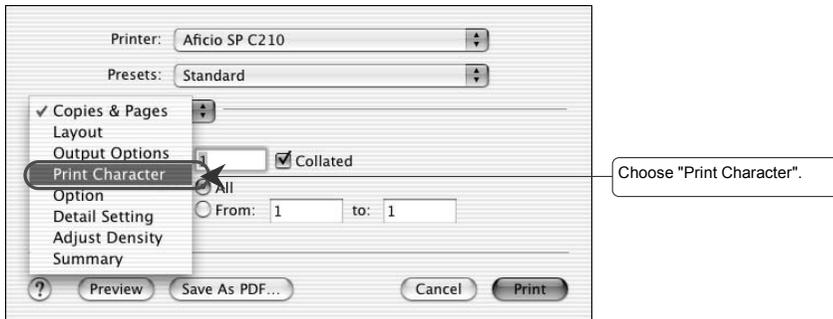
The screenshot shows the 'Save Preset' dialog box. The 'Save Preset As:' text box contains the name 'COLOR1'. Callouts indicate: (1) Input the name of Presets to save. and (2) Click [OK].

4.13 Deleting a Saved Custom Color Mode

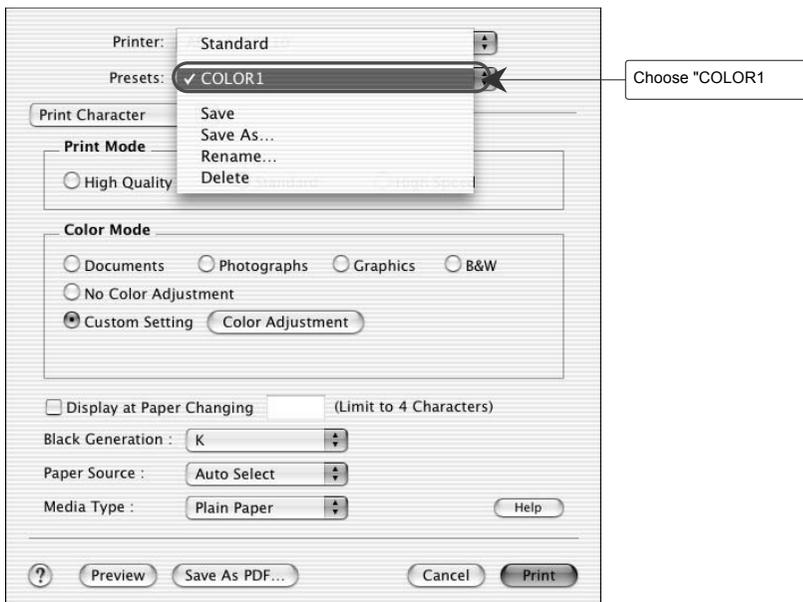
Delete a saved custom color mode.

Procedure

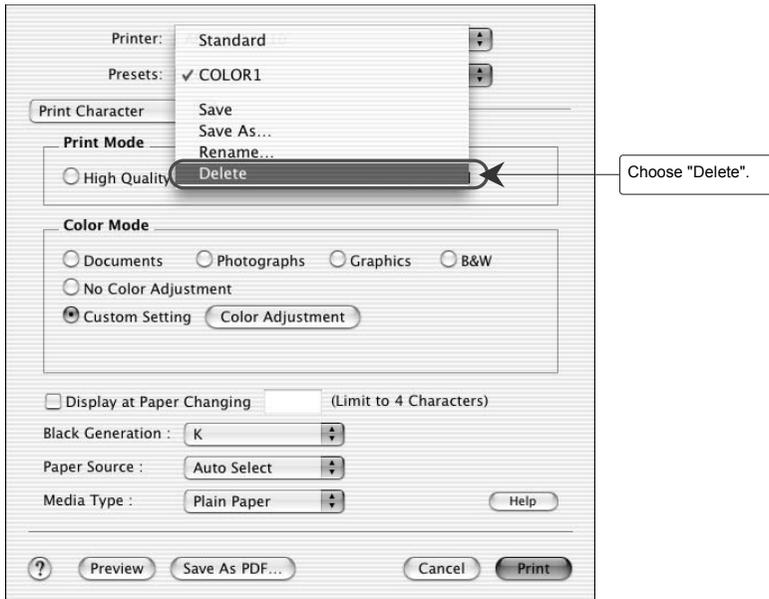
1. Choose "Print" from the "File" menu.
2. Choose the "Print Character".



3. Choose "the color mode name which is registered" (here "COLOR1") from the pop up menu of Presets.



4. After selecting the saved custom mode name in the "Presets" pop-up menu, choose "Delete".



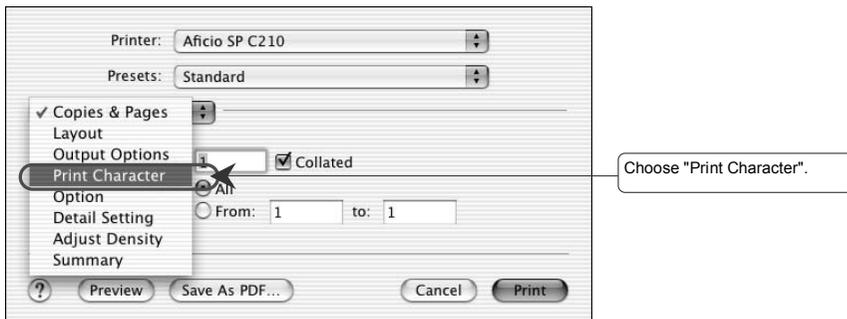
4.14 Display at Paper Changing

Use this setting to suspend the printer at the start of each print job when it is necessary to change the media type in the printer for different print data. When the printer stops, user information is displayed on the panel. In the application, enter up to four characters of information to be displayed on the panel. Characters that can be used are shown in the table below.

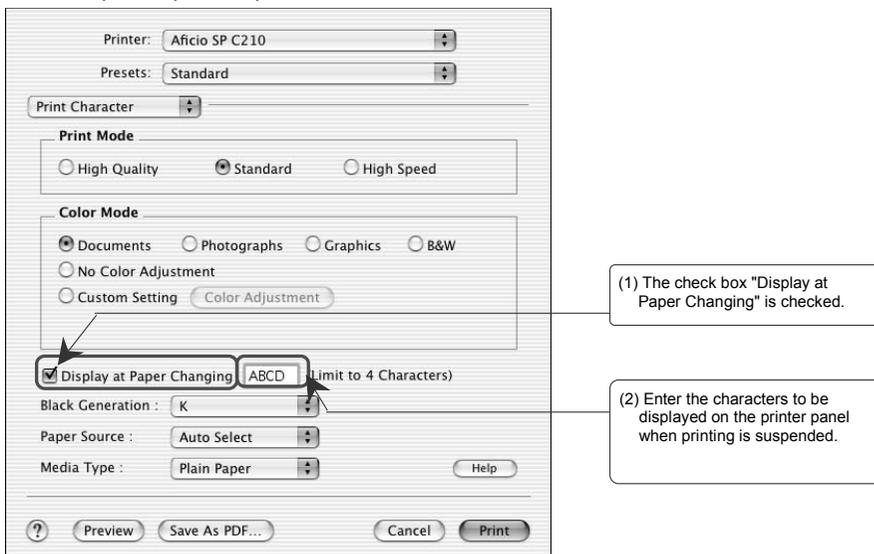
| Character kind | Contents |
|---------------------------------|-------------------------|
| Figure | 0 to 9 |
| Uppercase alphabetic characters | A to Z |
| Lowercase alphabetic characters | a to z |
| Symbols | !"#\$%&'()*+,-./:;<=>?@ |

Procedure

1. Choose "Print" from the "File" menu.
2. Choose the "Print Character".



3. Check the "Display at Paper Changing" check box. Enter the information to be displayed on the printer panel, up to four characters.



4.15 Black Generation

Specify how printing in black is generated according to printing needs. The default is "K".

| Mode | Explanation |
|--------------|--|
| K | This mode prints black from the black cartridge, in one color. |
| CMY | This mode prints black by superimposition (three colors: cyan, magenta, and yellow). |
| KCMY | This mode is almost the same as "K", however the resulting black is much smoother. |
| Gray Balance | This mode reproduces the most faithful color when grey is specified in the print data with the color elements (RGB). |

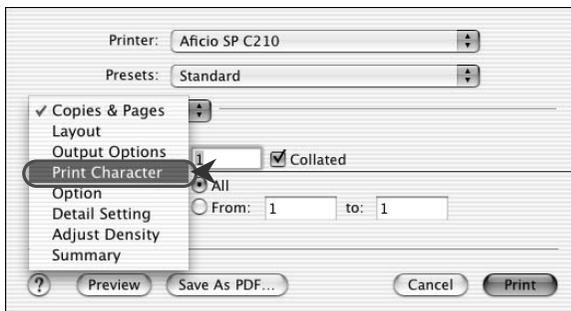


Note

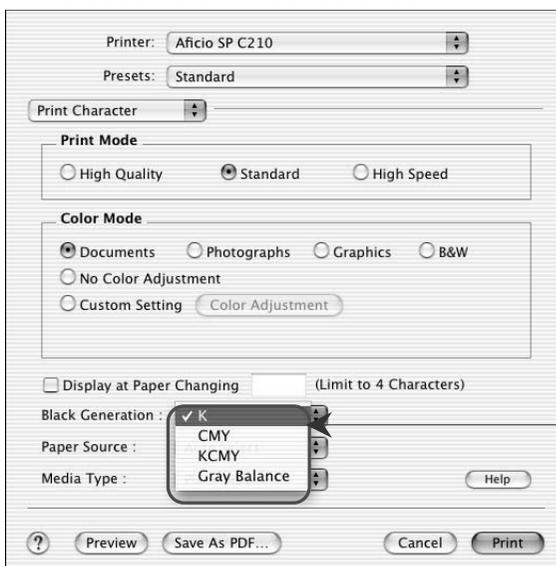
• The toner will separate when a larger picture with a lot of black area is printed in "CMY" mode. In this case, choose "K" mode or "KCMY" mode.

Procedure

1. Choose "Print" from the "File" menu.
2. Choose the "Print Character".



3. Choose the mode of "Black Generation."



4.16 Paper Source

Make settings to specify which cassette will be the paper source for printing. The paper source can be chosen from a pop-up menu in the procedure explained in this section. Use "Auto-select" to select the appropriate paper size from the cassette for each print job.

- Auto Select
- Cassette 1
- Cassette 2

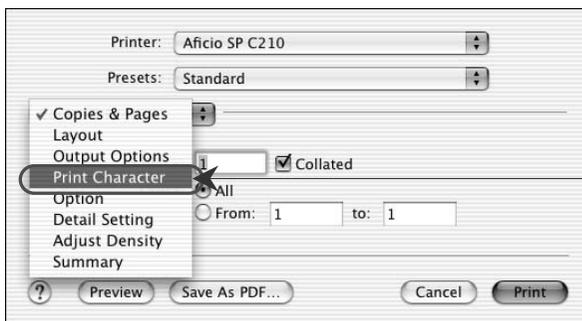


Note

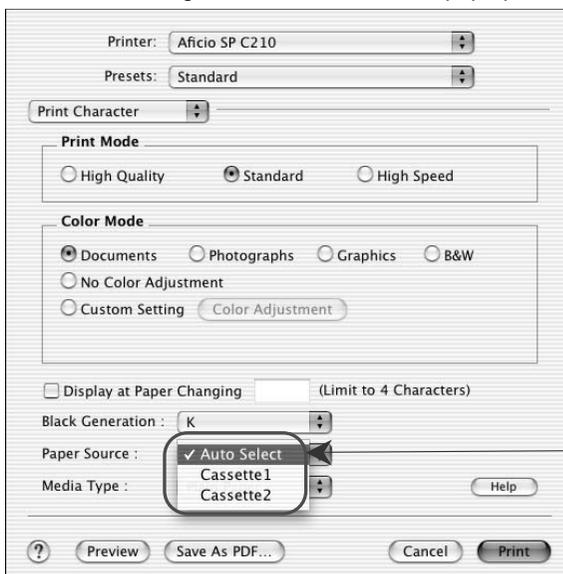
- Use cassette 1 when you print on any other paper type than plain paper, thin paper or middle thick.
- Use cassette 1 when you print on A5, half letter, Legal, InternationalDL, Commercial#10 or a custom paper size.

Procedure

1. Choose "Print" from the "File" menu.
2. Choose the "Print Character".



3. Choose the target feed method from the pop up menu of the "Paper Source."



4.17 Media Type

Make settings to specify the type paper used when printing. Make sure to place the matching media type in the cassette when a media type is specified. Otherwise print quality will deteriorate, such as when toner separation occurs.

- Plain Paper
- Label
- Thick Paper2(164 - 210 g/m2)
- Thin Paper
- Envelope1
- Transparency
- Thick Paper1(106 - 163 g/m2)
- Special Paper
- Middle Thick(90 - 105 g/m2)
- Envelope2



•When you select transparency, label, thick paper1, thick paper2, special paper, envelope1 or envelope2 you should use cassette 1.

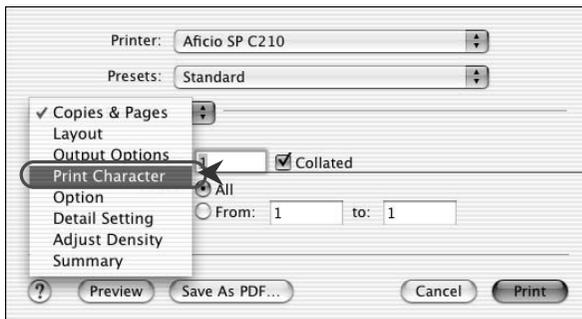


•The following media type cannot be specified depending on paper size. The paper sizes which cannot specify transparency are A5, half letter, B5 (JIS), B5 (ISO), Executive, legal, and custom paper size.

- The paper sizes which cannot specify media type other than envelope1 and envelope2 are Commercial#10 and InternationalDL. If transparency, label, thick paper1, thick paper2, envelope1, and envelope2 are specified, duplex printing cannot be carried out.

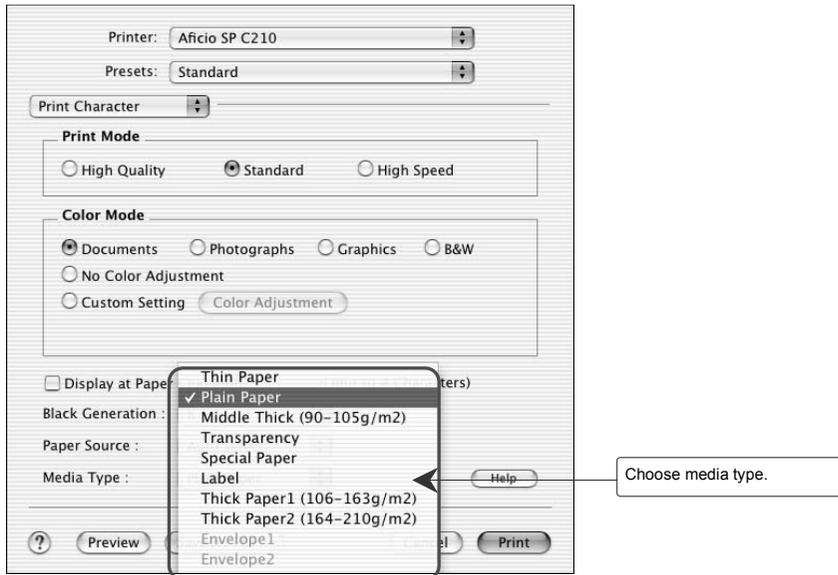
Procedure

1. Choose "Print" from the "File" menu.
2. Choose the "Print Character".



Choose "Print Character".

3. Choose the target media type from the pop up menu of "Media Type."



4.18 Output Tab Paper

A tab paper can be specified for every printing job. Moreover, whether to output a page and divide a print job can be specified.

| Item | Contents |
|---------------------------------|--------------------------------|
| The paper source of a tab paper | Cassette 1 |
| | Cassette 2 |
| The position of a tab paper | Before The Print Job |
| | After The Print Job |
| | Before and After The Print Job |

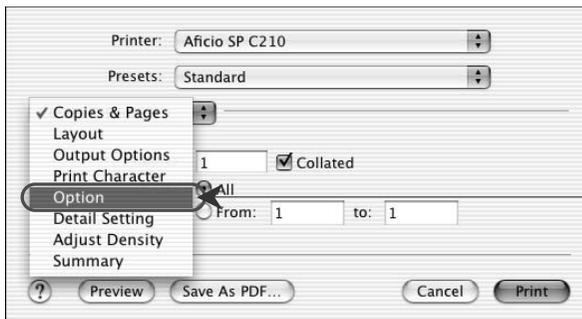


Note

- Please set the paper for tab paper to the cassette chosen in the [Paper Source] beforehand.
- Please do not use the tab paper in a custom paper.
- Output tab paper cannot be specified when "Reverse Side Print" is selected.

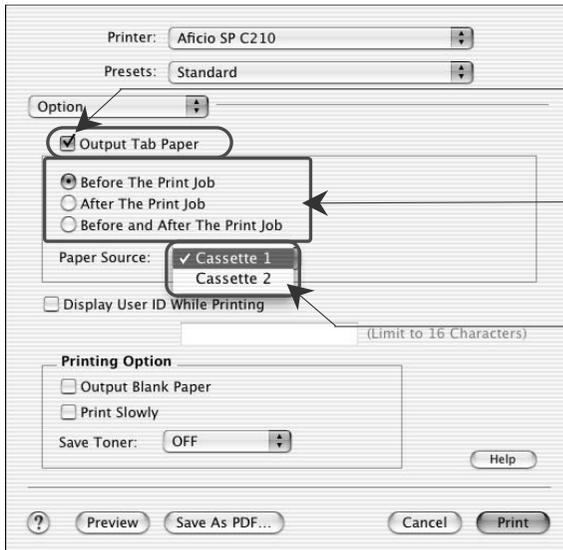
Procedure

1. Choose "Print" from the "File" menu.
2. Choose "Option".



3. Check the "Output Tab Paper" check box.

4. Specify the output tab position and paper source.



(1) A "Output Tab Paper" check box is checked.

(2) The position (before, after, and before and after) of a job is set up.

(3) The paper source of a tab paper is chosen.

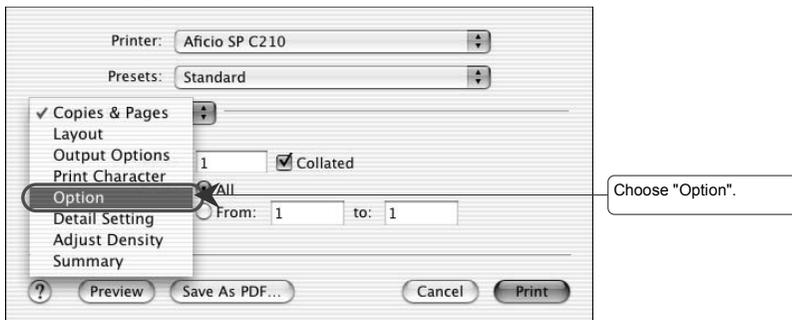
4.19 Display User ID While Printing

Displaying user information on the printer panel during printing can be specified. In this way, the user responsible for printing the data can be identified. Up to 16 characters of user information can be displayed. Characters that can be used are displayed in the table below.

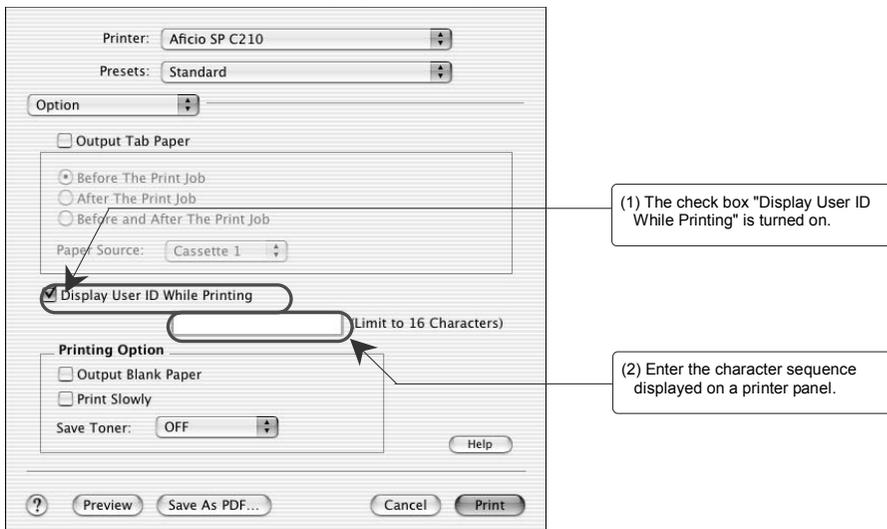
| Character kind | Contents |
|---------------------------------|--|
| Figure | 0 to 9 |
| Uppercase alphabetic characters | A to Z |
| Lowercase alphabetic characters | a to z |
| Symbols | ! " # \$ % & ' () * + - . / : ; < = > ? @ |

Procedure

1. Choose "Print" from the "File" menu.
2. Choose "Option".



3. Check the "Display User ID While Printing" check box.
4. Enter the characters to be displayed on the printer panel in the entry field.



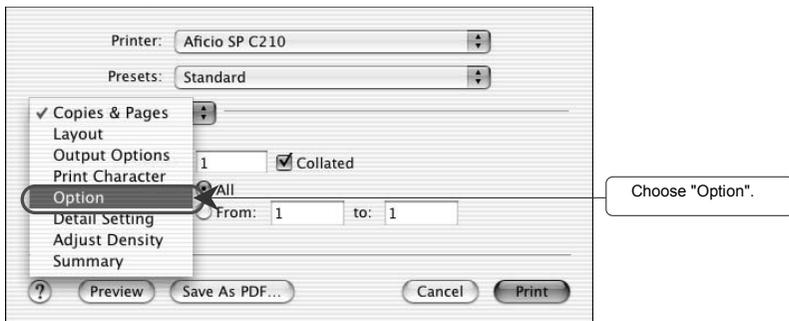
4.20 Save Toner

Make settings to print using a reduced amount of toner. However, this setting causes the printed result to look thin.

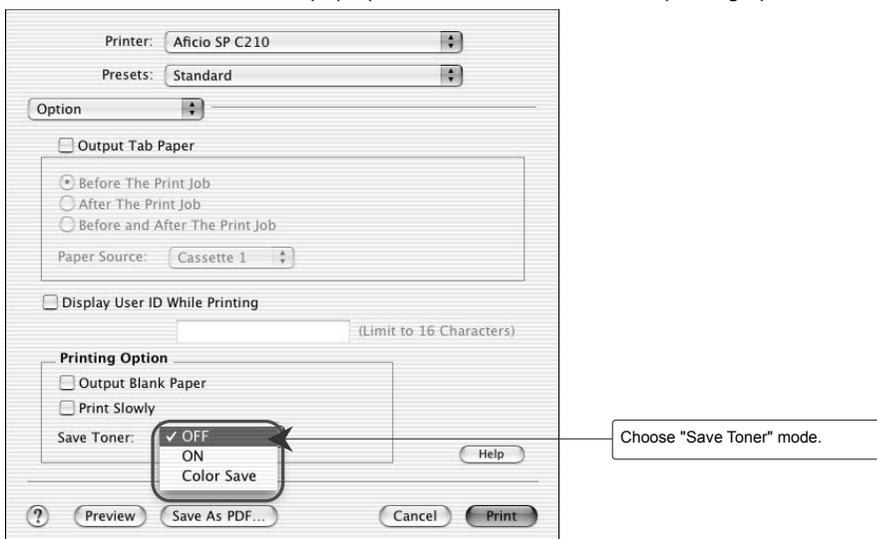
| Mode | Explanation |
|------------|---|
| OFF | The amount of toners is the mode printed without making it decrease. |
| ON | It is the mode which is made to reduce the amount of toners and is printed. |
| Color Save | It is the mode which is made to reduce the quantity of a color toner and is printed. It does not decrease about a black toner. Only printing of a color becomes thin. |

Procedure

1. Choose "Print" from the "File" menu.
2. Choose "Option".



3. Choose the mode from the pop up menu of "Save Toner" as a printing option.

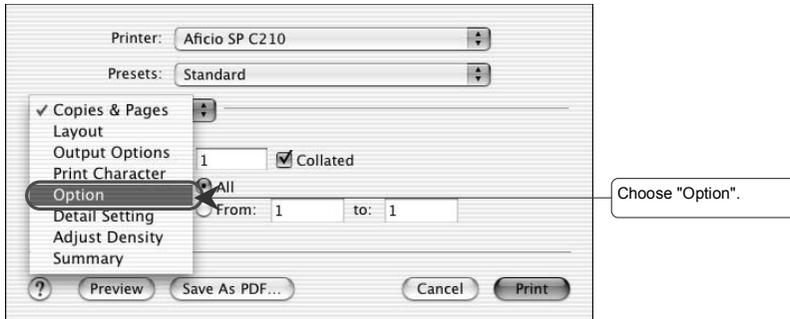


4.21 Output Blank Paper

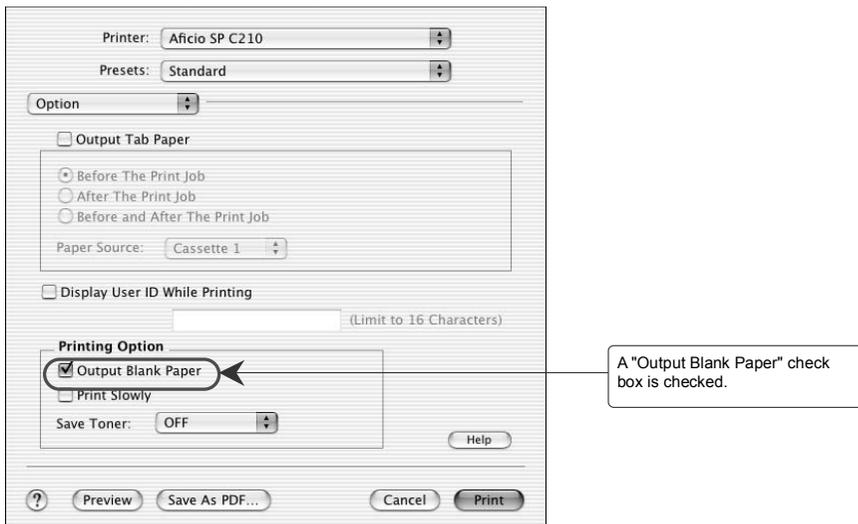
Make settings to specify whether or not a blank page is printed. A blank page is a page that does not contain data or is only blank space created by a page or line break.

Procedure

1. Choose "Print" from the "File" menu.
2. Choose "Option".



3. Check the "Output Blank Paper" check box.



Memo

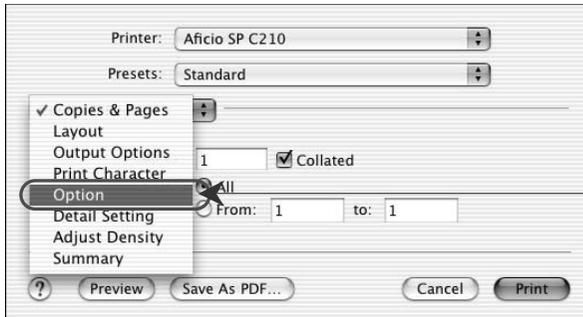
•In OS.X, when performing duplex printing, a blank paper cannot be cut.

4.22 Print Slowly

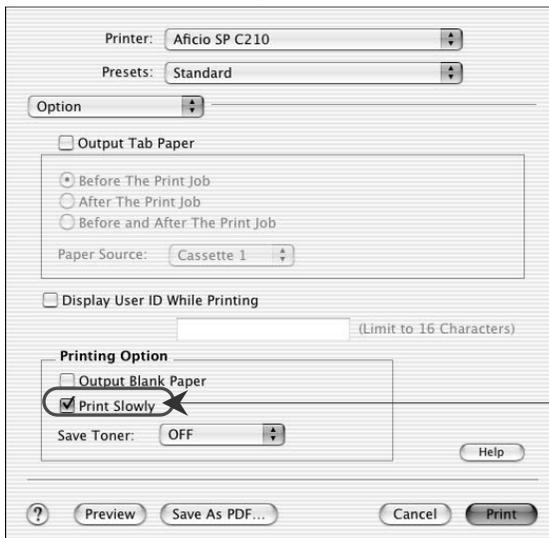
Make settings to reduce the printing speed. By specifying this setting, any unevenness in printing may be reduced.

Procedure

1. Choose "Print" from the "File" menu.
2. Choose the "Option".



3. Check the "Print Slowly" check box.

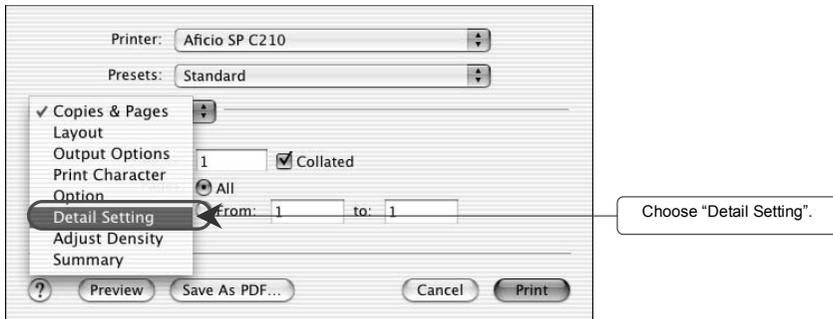


4.23 Mirror Print

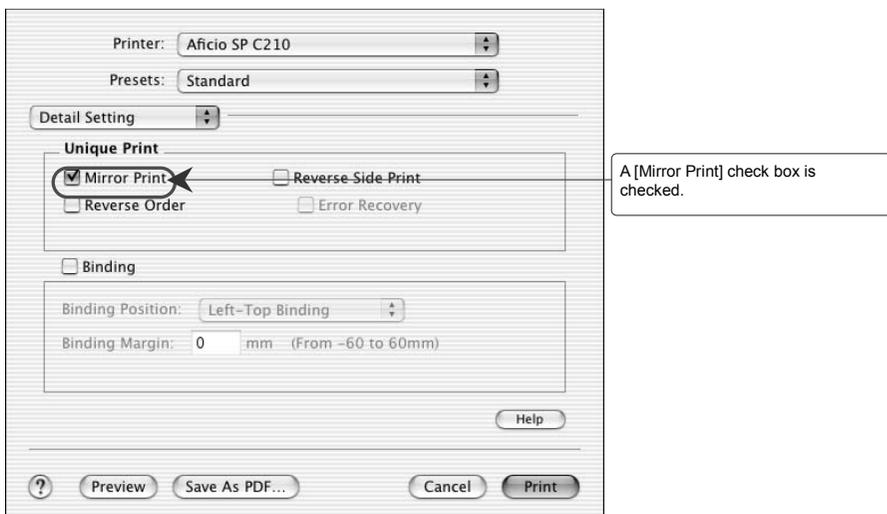
Right-and-left reversal is carried out and the contents of the page to print are printed.

Procedure

1. Choose "Print" from the "File" menu.
2. Choose the "Detail Setting".



3. Check the "Mirror" check box.

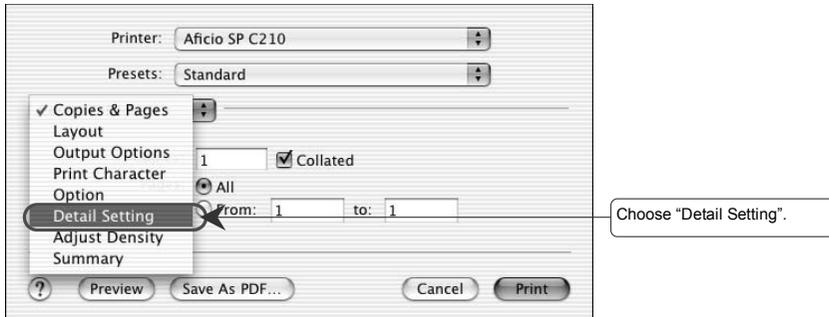


4.24 Reverse Order

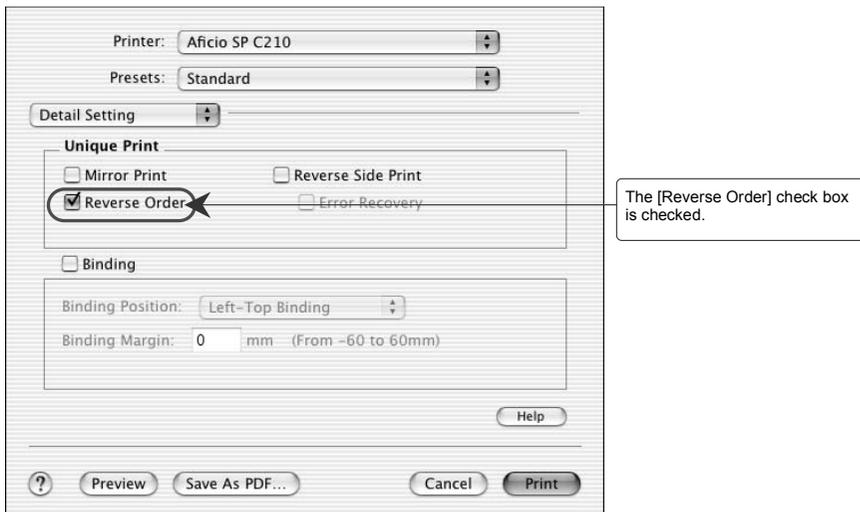
This function specifies whether the page prints from the first page (Reverse Order = OFF), or it prints from the last page (Reverse Order = ON).

Procedure

1. Choose "Print" from the "File" menu.
2. Choose the "Detail Setting".



3. Check the "Reverse Order" check box.



Memo

•In OS.X.2, when allotment of a page is carried out in addition to one, the order printing of reverse cannot be used.

4.25 Reverse Side Print

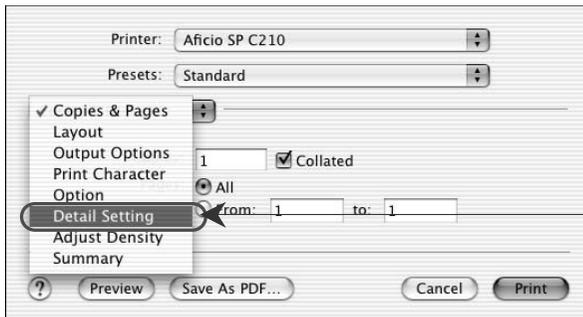
Make this setting when printing on the reverse side of a paper that has already been printed on. There is also an "Error Recovery" check box in this setting. When it is checked, the printer will attempt to re-print if a paper jam occurs. If it is not checked and a jam occurs, the page becomes invalid and the next page will be printed. By default, the box is not checked.



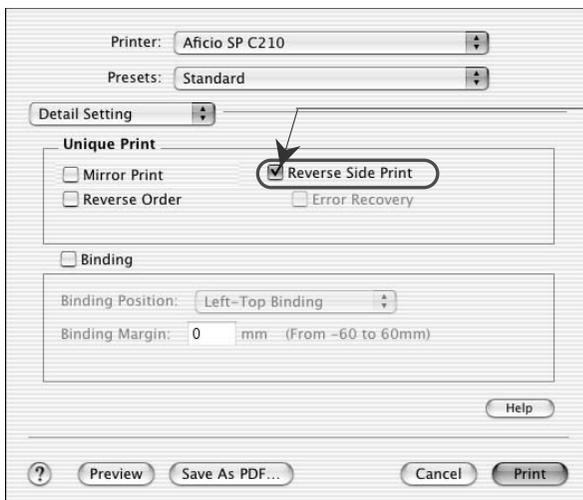
- Reverse side printing cannot be specified when paper sizes are A5, half letter, InternationalDL, Commercial#10, and custom paper size (width : 175.9mm or less).
- Reverse side printing cannot be specified when media type are transparency, label, and envelope1 and envelope2.

Procedure

1. Choose "Print" from the "File" menu.
2. Choose the "Detail Setting".



3. Check the "Reverse Side Print" check box.



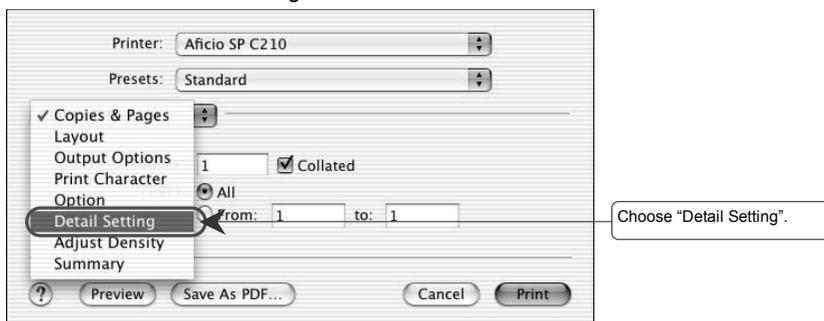
4.26 Attach and Print binding margin

"Binding" can be specified to which end of a paper binding margin is attached. The position of binding margin which can be chosen is as follows. Moreover, unfilled space is specified by the "Binding Margin". The setting range of unfilled space is -60mm to +60mm, and is set up by 1mm unit.

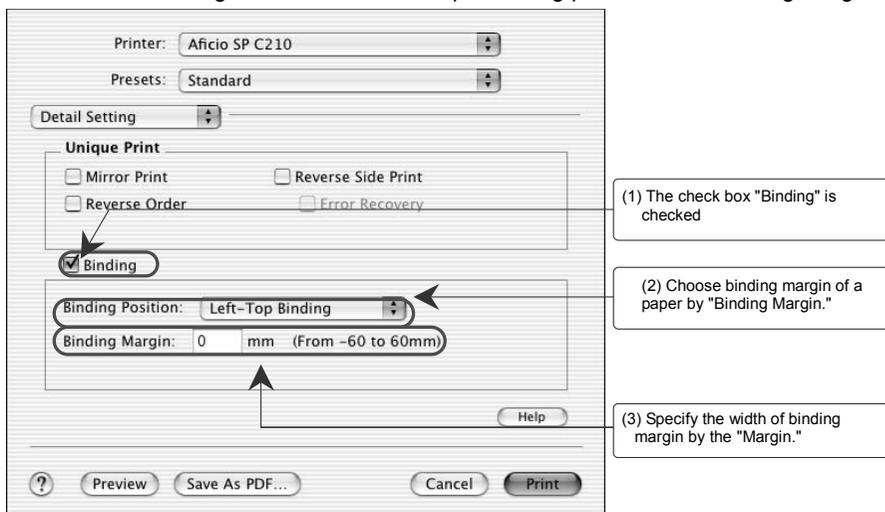
| Orientation | Left-Top Binding | Right-Bottom Binding | Bottom-Left Binding | Top-Right Binding |
|-------------|---|---|---|---|
| Portrait |  |  |  |  |
| Landscape |  |  |  |  |

Procedure

1. Choose "Print" from the "File" menu.
2. Choose the "Detail Setting".



3. Check the "Binding" check box, and set up a binding position and a binding margin.

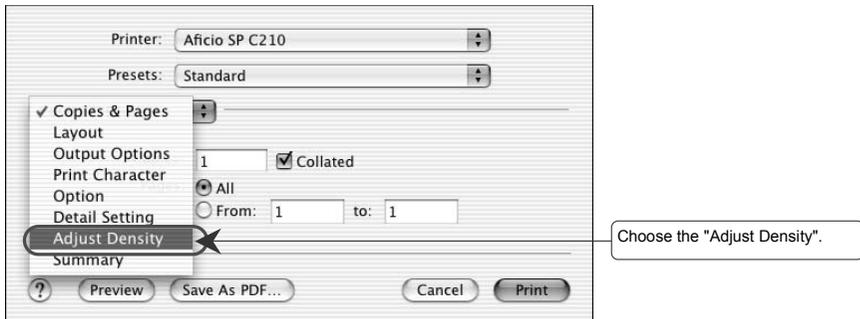


4.27 Adjust Density

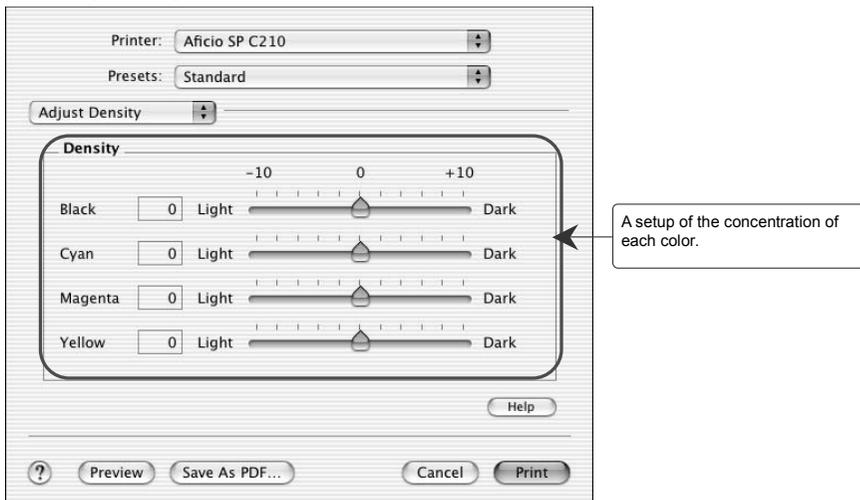
Adjust the concentration of each color during printing.

Procedure

1. Choose "Print" from the "File" menu.
2. Choose the "Adjust Density".



3. Adjust concentration in a concentration adjustment dialog. A setting value is set up among 21 stages from each color -10 to +10.



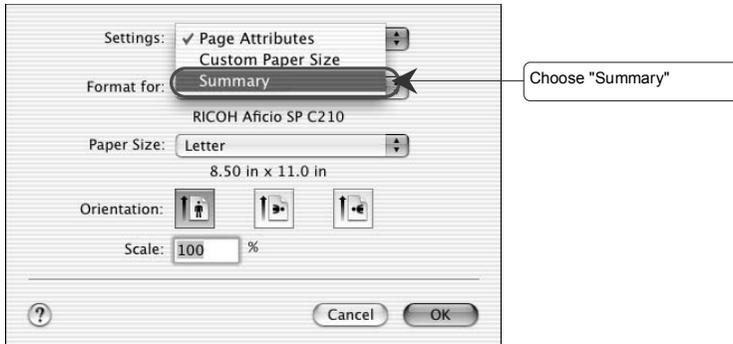
•When having chosen B&W in color mode, it becomes effective [black] concentration adjusting in addition (cyan / magenta / yellow), and concentration adjustment becomes invalid.

4.28 The summary of a Page setup

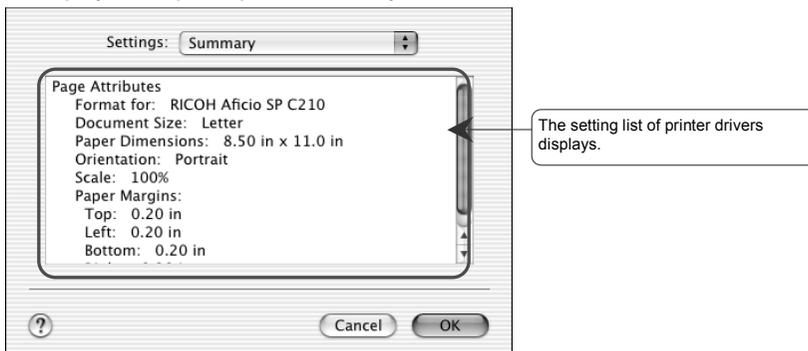
The contents of the page setting dialog set up by "Page Setup" from the "File" are displayed by list.

Procedure

1. Choose "Page Setup" from the "File" menu.
2. Choose "Summary" from the pop up menu of a "Settings".



3. Display a setup of a printer driver by list.

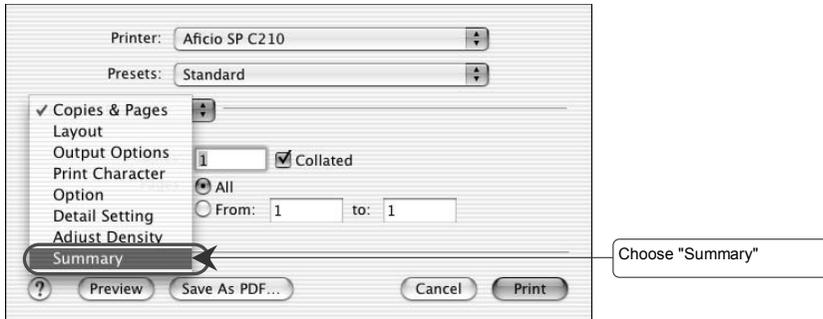


4.29 The summary of a Print setup

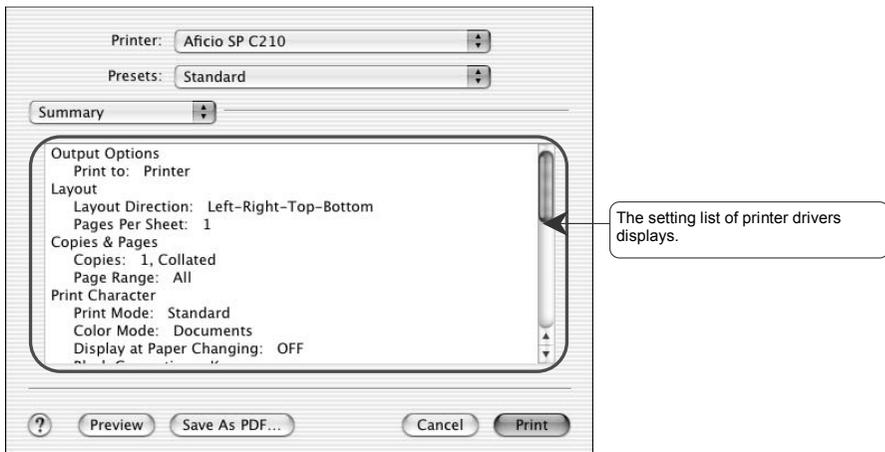
The contents of the page setting dialog set up by "Print" from the "File" menu are displayed by list.

Procedure

1. Choose "Print" from the "File" menu.
2. Choose the "Summary".



3. Display a setup of a printer driver by list.



5. Deletion

How to delete a printer driver from a personal computer is shown below.

Procedure

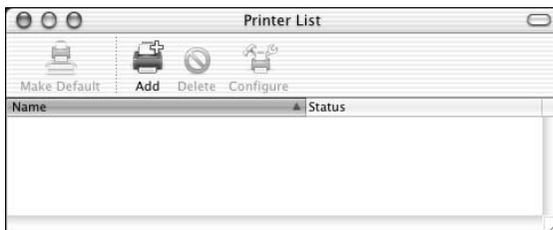
1. End the application software.
2. Delete the "printer name of Aficio SP C210" driver registered into the print center.
3. Delete the following folders and packages by Finder (Move to Trash).
 - "SP C210" folder in /Library/Printers/RICOH/.
 - /package file in /Library/Receptits/.



•An administrator's authority is required for deletion of a folder.
Moreover, please be careful not to delete other folders or files.

Note

4. Restart the system.
5. After a system restarts, choose "Finder" → "Empty Trash". This completes deletion.
6. Please choose "Print Center" and check that the printer name of "Aficio SP C210" is deleted.



6. Notes

Some notes to be aware of when using this printer are explained in this section.

| No | Item | Function |
|----|--|---|
| 1 | Combination of a layout and the order printing of reverse | If one or more pages has a layout specified, the "Reverse Order" specification will become invalid. |
| 2 | Landscape printing | Since direction of the printing result of the landscape of OS.9 and the landscape of OS.X differs, be careful of direction of a printing result. |
| 3 | The message of the setting-range outside value of expansion reduction | In Mac OS X, "1 to 100000%" of specification is possible. If the input value goes beyond this range, an error message is displayed. Since an error message is not displayed even if it specifies the value besides the product specification range, when you set up, please print after checking that the value to set up is within the limits. |
| 4 | Collate | Collate printing is set up by default. When you do not want to perform Collate printing, please un-check the "Collate" box. |
| 5 | The message of the setting-range outside value of custom-made paper size | Since an error message is not displayed even if it specifies the value besides the product specification range, when you set up, please print after checking that the value to set up is within the limits. |
| 6 | Creation of custom paper size | When the [New] button is pushed to create a new custom paper size, the default height and width of the new size are 29.70cm (11in.) and 20.99cm (8.5in.), respectively. And the printer margins become 1.44cm (0.55in.) in the bottom margin, 0.63cm (0.25in.) in the right, left, and top margins. |
| 7 | Registration of color adjustment | When you use it, saving the value set up by color adjustment, please use the value which saved and specified using the Presets function and was created by color adjustment. |
| 8 | Border of the layout of a list panel | If the contents set up by the list panel after the setup in [Border] of a layout are seen by some OS version, the contents of [Border] will be displayed in English. |
| 9 | Printing of custom paper size | If paper size is registered and printed with the size besides the range in custom paper size, some data (a part for default paper size) will be printed. |
| 10 | The display of custom paper size | In a page setting dialog, the set-up custom paper size and different size may be displayed. In practice, it is printed in the set-up paper size. |

7. Problems and Solutions

Some problems that occur while using this printer and their solutions are explained in this section..

| No | Item | Contents | Solution |
|----|--|--|--|
| 1 | Saving settings on the output option panel | Depending on the OS version, saved settings on the output option panel may not be displayed. | Some settings saved on the output option panel may not change correctly. In this case, use the settings while the panel is displayed. |
| 2 | Print monitor | Depending on the OS version, the message show on the print monitor may not reflect the actual printing state when printing continuously. For example, the print monitor might display "there is no job printing," when it is actually printing. | When the printer's data lamp goes off, the printer is finished receiving data. Confirm this with the printer panel. |
| 3 | Print page settings | Depending on the OS version, the print by presets radio button and Start/End text settings may not save. | The print page settings values are not saved in the "copies and pages" dialog box. Please make these settings when printing. |
| 4 | Discontinuati on of printing | The print monitor [stop jobs] button may not work depending on the OS version. A print job may continue printing even after the [stop jobs] button has been pushed. | In this case, turn off the power to the printer in order to interrupt the print job. |
| 5 | After printing from a specific application | After printing with the specific application "Code Warrior IDE 4.1," the default print page setting will change as follows: [pages: "All"], changes to [pages: From: 1, To: 9999] | When this occurs, make the following settings: 1) set as [pages: "All"] or 2) set the last print page and print |
| 6 | When an installer does not start | When both OS 10.1.5 and OS10.2.5 are installed on one machine, the installer for the driver may not start. This occurs when the OS version and installer (application) version do not match. For example, if settings are made using the OS10.1.5 installer, when the driver installer was started by OS10.2.5, the driver installer will not launch. In this case, it is necessary to change the application which starts the driver installer. | 1) Select a file in Finder, and then open [File] - [View Information] 2) Open the [Open with Application] panel. 3) In the pop-up menu, select the installer that matches the OS that was launched at startup. (In case it is not listed in the menu, select [other] and specify the application. Usually, the application/utility/installer of each installed OS's driver are set.) 4) Click [Change All] and the selected application becomes the default |

Appendix 1. Initial value list

The initial value of this printer driver is shown below.

Appendix 1-1 Initial value list (1/2)

| Dialog | Item | Sub item1 | Sub item2 | Default | Note | |
|------------------|-----------------|-------------------------------|--------------------------|--|------------------|--|
| Page Setting | Page Attributes | Paper Size | - | Letter | | |
| | | Orientation | - | Portrait | | |
| | | Scale | - | 100% | | |
| | Customer Paper | Paper Name | - | None | | |
| | | Paper Size | Height | | 29.70cm (11in.) | |
| | | | Width | | 21.99cm (8.5in.) | |
| | | Printer Margins | Top | | 0.63cm (0.25in.) | |
| | | | Left | | 0.63cm (0.25in.) | |
| | | | Right | | 0.63cm (0.25in.) | |
| Bottom | | | 1.44cm (0.55in.) | | | |
| Print | Copies & Pages | Copies | - | 1 | | |
| | | Collated | - | On | | |
| | | Pages | - | All | | |
| | Layout | Pages per Sheet | - | 1 | | |
| | | Layout Direction | - | From the upper left to the lower right | | |
| | | Border | - | None | | |
| | Output Options | Save as File | - | Off | | |
| | | Format | - | PDF | | |
| | Print Character | Print Mode | - | Standard | | |
| | | Color Mode | - | Documents | | |
| | | Color Adjustment | - | - | Gray display | |
| | | | Sample | | Child | |
| | | | Base Color | | Photographs | |
| | | | Brightness | | 0 | |
| | | | Saturation | | 0 | |
| | | | Contrast | | 0 | |
| | | | Color Balance (Cyan/Red) | | 0 | |
| | | Color Balance (Magenta/Green) | | 0 | | |
| | | Color Balance (Yellow/Blue) | | 0 | | |
| | | Display at Paper Changing | - | Off | | |
| Black Generation | - | K | | | | |
| Paper Source | - | Auto Select | | | | |
| Media Type | - | Plain Paper | | | | |

Appendix 1-1 Initial value list (2/2)

| Dialog | Item | Sub item1 | Sub item2 | Default | Note | |
|--------|--------------------|--------------------------------|--------------------|---------------|--------------------|-----|
| Print | Option | Output Tab Paper | - | Off | (Before Print Job) | |
| | | Paper Source | - | (Cassette1) | | |
| | | Display User ID While Printing | - | Off | | |
| | | Printing Option | Output Blank Paper | | Off | |
| | | | Print Slowly | | Off | |
| | | | Save Toner | | Off | |
| | | Detail Setting | Unique Print | Reverse Order | | Off |
| | Mirror Print | | | | Off | |
| | Reverse Side Print | | | | Off | |
| | Error Recovery | | | | Off | |
| | Binding | | - | | Off | |
| | | | Binding Position | | (Left-Top) | |
| | Adjust Density | Density | Black | | 0 | |
| | | | Cyan | | 0 | |
| | | | Magenta | | 0 | |
| | | | Yellow | | 0 | |

Appendix 2. Functional difference by OS version

The functional difference by OS version is shown below.

Y . Support.

Y*.Support. However, there is a cautions/restriction matter in part. (Refer to 7 and 8 clauses)

N . It does not support.

Appendix 2-1 Functional difference by OS version (1/2)

| Dialog | Item | Sub item1 | Sub item2 | 9.x | OS 10.2.x | | |
|--------------------------------|-----------------|-----------------------------|-------------------------------|-----|-----------|---|---|
| Page Setting | Page Attributes | Paper Size | - | Y | Y | | |
| | | Orientation | - | Y | Y* | | |
| | | Scale | - | Y | Y | | |
| | Customer Paper | - | - | Y | Y* | | |
| Print | Copies & Pages | Copies | - | Y | Y | | |
| | | Collated | - | Y | Y* | | |
| | | Pages | - | Y | Y | | |
| | Layout | Pages per Sheet | - | Y | Y* | | |
| | | Layout Direction | - | Y | Y | | |
| | | Border | - | Y | Y* | | |
| | Output Options | Save as File | - | N | Y | | |
| | Print Character | Print Mode | - | - | Y | Y | |
| | | Color Mode | - | - | Y | Y | |
| | | Color Adjustment | Sample | - | - | Y | Y |
| | | | Base Color | - | - | Y | Y |
| | | | Brightness | - | - | Y | Y |
| | | | Saturation | - | - | Y | Y |
| | | | Contrast | - | - | Y | Y |
| | | | Color Balance (Cyan/Red) | - | - | Y | Y |
| | | | Color Balance (Magenta/Green) | - | - | Y | Y |
| | | Color Balance (Yellow/Blue) | - | - | Y | Y | |
| | | Display at Paper Changing | - | - | Y | Y | |
| | | Black Generation | - | - | Y | Y | |
| | | Paper Source | - | - | Y | Y | |
| | Media Type | - | - | Y | Y | | |
| | Option | Output Tab Paper | - | - | Y | Y | |
| | | Paper Source | - | - | Y | Y | |
| Display User ID While Printing | | - | - | Y | Y | | |

Appendix 2-1 Functional difference by OS version (2/2)

| Dialog | Item | Sub item1 | Sub item2 | 9.x | OS 10.2.x | |
|--------|----------------|-----------------|--------------------|-----|-----------|---|
| Print | Option | Printing Option | Output Blank Paper | Y | Y* | |
| | | | Print Slowly | Y | Y | |
| | | | Save Toner | Y | Y | |
| | Detail Setting | Unique Print | Reverse Order | Y | Y | |
| | | | Mirror Print | Y | Y* | |
| | | | Reverse Side Print | Y | Y | |
| | | | Error Recovery | Y | Y | |
| | | | Binding Margin | - | Y | Y |
| | | | Binding Position | Y | Y | |
| | | | Binding Margin | Y | Y | |
| | Adjust Density | Density | Black | Y | Y | |
| | | | Cyan | Y | Y | |
| | | | Magenta | Y | Y | |
| | | | Yellow | Y | Y | |

