RISO Controller PS7R-9000/5000

User's Guide

for Printer Driver

RISO

00E

Preface

The “RISO PS7R Controller Printer Driver” is a dedicated printer driver for the RISO PS7R Controller. This manual describes various functions and operations, starting with basic printer driver operations, for each compatible operating system. In addition, troubleshooting methods are described at the end of the manual.
Read this manual before using the printer driver or when there is something you do not understand while using it, and it will be useful as long as you use the printer driver.

Organization of Instruction Manuals

There are three instruction manuals for this product.

- “RISO Controller PS7R-9000 / 5000 User’s Guide for Printer Driver” (This Manual)
  This manual describes the installation of the printer and the installation procedures for the printer driver.
- “RISO Controller PS7R-9000 / 5000 User’s Guide for Console”
  This manual describes “Monitoring” and other functions for checking the status of the controller through a network.
- “Notice about Safety and Handling”
  The safety cautions and methods for handling this product are described.

Read each of the manuals before using this product or when there is something you do not understand while using it, and they will be useful as long as you use the product.

Content of Instruction Manuals

- Unauthorized reproduction of all or part of this manual is strictly prohibited.
- Since there may be improvements to the product, the content of this manual may change in the future without notice.
- RISO takes no responsibility for effects resulting from this manual or the operation of this product.
- The screen illustrations used in this manual show an example of connecting RISO MZ series printers. The screen displayed may vary according to the printer used.

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Icons Used in This Manual

Functions, operations and cautions are described as follows in this manual.

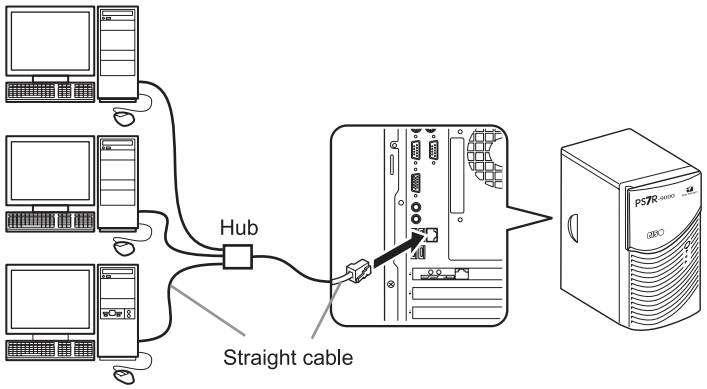
Important!	describes items where care is necessary or where there are prohibitions.
Note	describes items where there is particularly helpful information and ones where there is something that should be known.
☞	indicates the title and page of an item that should be referred to and thoroughly understood. When the reference is to another manual, the name of the manual will also be noted.
⚠WARNING: **⚠Caution:**	are safety cautions. “Safety cautions” are described in a separate manual, “Notice about Safety and Handling”. Be sure to read them before using this product.

Before Using the Printer Driver

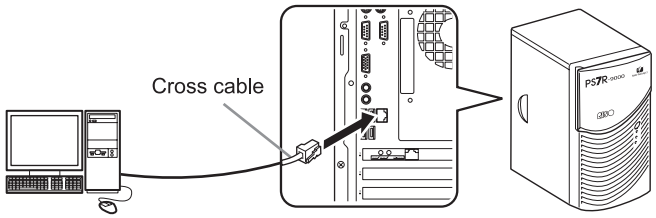
Computer Connections

Connect the computer to the network.

- Connecting multiple computers:



- Connecting to one computer:

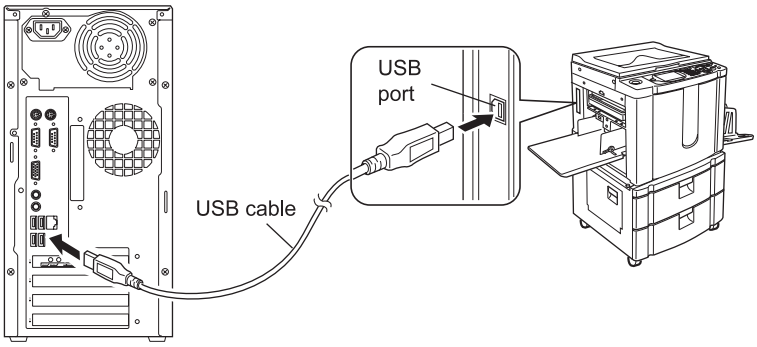


Note:

- Use a commercial S/UTP cable (shielded/unshielded twin-pair cable) for the LAN cable.

Printer Connection

Connect the printer to the controller using a USB cable.



Important!:

- Use the USB cable included in the package with your PS7R.

Software Installation

The following software is included in the software CD-ROM that comes with your RISO controller. This must be installed on your computer before using the controller.

The software can be used in the following environments.

– Windows 2000 / XP (SP1 or later)
– Mac OS 9.2 / Mac OS X 10.2.6 or later
If you are using previous versions, upgrade your operating system.

- Printer Driver
This is the printer driver for this controller. It is necessary for sending the original data to the controller and printing. Print conditions can be set when data for an original is sent to the controller.

Note:

- When installing the printer driver on Windows, your existing PS printer driver may be overwritten, and you may be unable to output with PS printer drivers or image setters from other companies.
In that case, uninstall PS7R printer driver using the CD-ROM provided.

- RISO IP Setting Tool
This software is necessary for setting the IP address of the controller. You must install this software before installing the printer driver and set the IP address of the controller.

Note:

- Do not connect two or more RISO controllers (ones with IP addresses of 0.0.0.0) for which the IP address has not been set to the same network.
- Do not set an IP address with a segment that is different from the computer where the IP Setting Tool is installed.

IP Addresses

This is unique information assigned to each piece of equipment on a network for identifying the equipment. Confirm the IP address to be assigned to this controller with your network administrator.

Install the following software as necessary.

- Adobe PostScript Driver (Mac OS 9 only)
Install this from the accompanying CD-ROM if your computer does not have Adobe PS installed or if the Adobe PS driver version you are using is lower than 8.7.0.

Note:

- When you install the Adobe PS driver (version 8.8.0) on the CD-ROM, you may not be able to print using PS printers or image setters from other companies.
For Adobe PS driver compatibility status for other manufacturers' printers, contact the printer manufacturer.

- ATM (Mac OS 9 only)
This is software for correctly displaying the PostScript fonts installed in the controller on the computer screen. If ATM fonts are used, you can confirm what you are printing on your screen with an image that is close to the finished product.
- RISO Wake-up Tool
This is software for starting the controller from your computer (turning the power ON) when the controller is OFF.

Printer Driver Installation

This section describes the installation of the printer driver. Install the printer driver before using the controller. After the installation is complete, confirm the environment settings for the controller. ☞p.72

Printing with Windows Computers

Before using the controller, install the software in the following order and make the settings.

Installing the RISO IP Setting Tool ☞p.8

▼

Set the IP address for the controller using the RISO IP Setting Tool ☞p.10

▼

Installing the printer driver ☞p.12

Perform the “RISO Wake-up Tool Installation” ☞p.16 if necessary.

Note:

- Only install the RISO IP Setting Tool on the computer to be used for setting the IP address of the controller. Since the IP address is recorded in the controller once it is set, there is no need to set it from every computer.
- Install the printer driver on all of the computers that will be using the controller.

Installing the RISO IP Setting Tool

Install the software for setting the controller IP address from a computer.

Note:

- The RISO IP Setting Tool can be started directly from the CD-ROM. “Network settings” ☞p.10

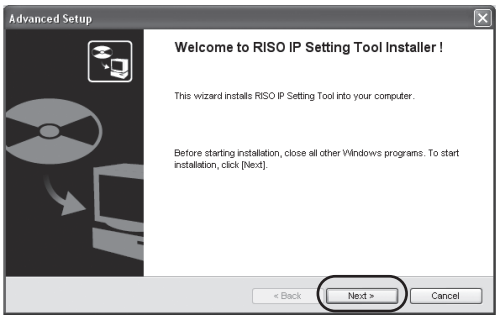
1 Insert the RISO PS7R Controller software CD-ROM in your computer’s CD-ROM drive.

The installer launches. If the installer does not launch, double-click on the “setup.exe” file on the CD-ROM.

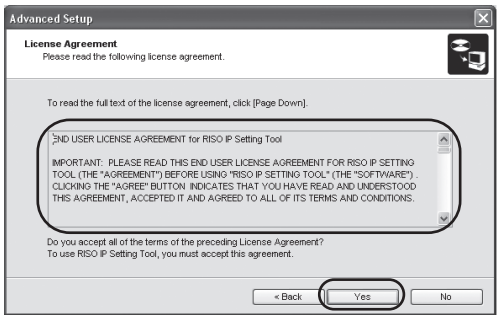
2 Click [US English/UK English].

3 Click [Install RISO IP Setting Tool].

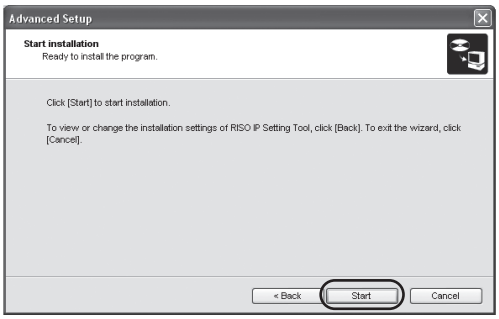
4 Click the [Next] button.



5 Read the License Agreement and click the [Yes] button.



6 Click the [Start] button.

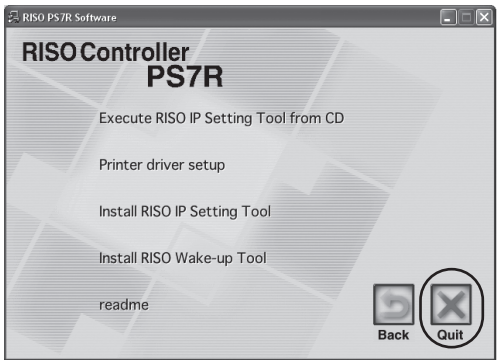


7 Select [Yes] or [No] and click the [Finish] button.

If you want to continue to set the controller IP address, select **[Yes]**, and if you do not want to set the controller IP address, select **[No]**. Then click the **[Finish]** button.

The RISO IP Setting Tool is installed. Next, specify the IP address for the controller.
Selecting **[Yes]** starts the RISO IP Setting Tool. Follow steps starting with step 2 under “Network Settings” ☞p.10.

8 Click [Quit].



This completes the installation.

Network settings

Start the RISO IP Setting Tool and set the IP address for the controller.

Note:

- When setting the IP address after installing the RISO IP Setting Tool, start with step 2.
- When running the RISO IP Setting Tool from the RISO PS7R Controller software CD-ROM, insert the CD-ROM in your computer's CD-ROM drive and click **[Execute RISO IP Setting Tool from CD]**. After this, follow steps starting with step 2 below.

Important!:
Before performing the following operations, be sure that the controller is connected to the computer.
"Computer Connections" ☞p.5

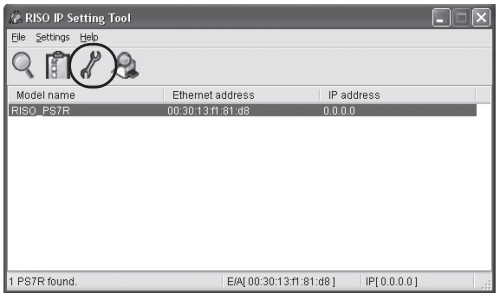
1 Select [Start] - [Programs] - [RISO] - [RISO Controller] - [RISO IP Setting Tool].

2 Confirm that the controller information is displayed in the list and click it.

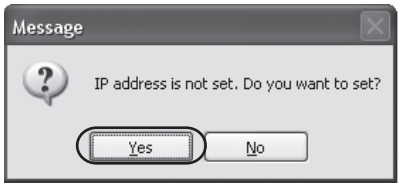
It will be highlighted. If the information for the controller is not displayed, confirm that the printer and the controller are connected.
"Computer Connections" ☞p.5

3 Click the [Network] icon.

Alternatively, select **[Setting]** - **[Network]**.

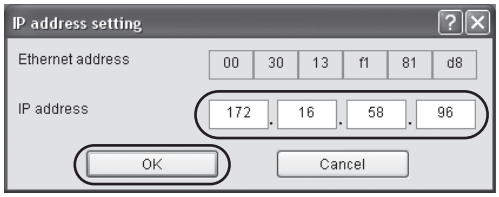


4 Click the [Yes] button.

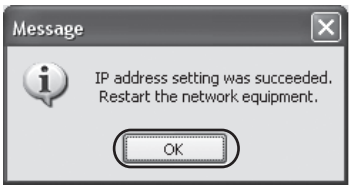


5 Enter the IP address being assigned to the controller and click the [OK] button.

Confirm the IP address for the controller with your network administrator.

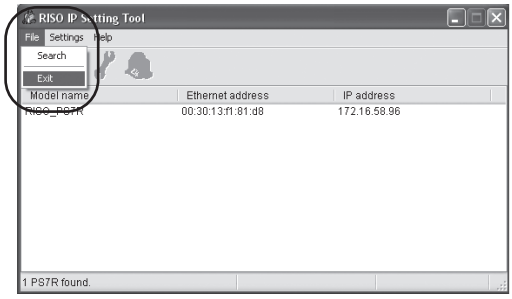


6 Click the [OK] button.



7 Turn the controller OFF, and then turn it ON again.

8 Select [File] - [Exit].



9 Click the [Yes] button.

This completes the IP address setting for the controller. After starting the controller, the IP address set in step 5 becomes effective.
The printer driver is installed next. See “Printer Driver Installation” ☞p.12.

Printer Driver Installation

Note:

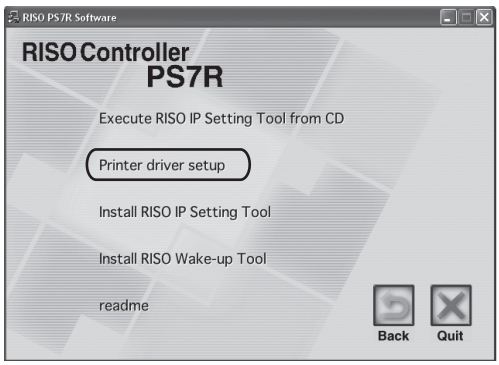
- Install the printer driver on all of the computers that will be using the controller.
- Before installing the printer driver, set the IP address for the controller.
  “Network settings” ☞p.10

1 Insert the RISO PS7R Controller software CD-ROM in your computer's CD-ROM drive.

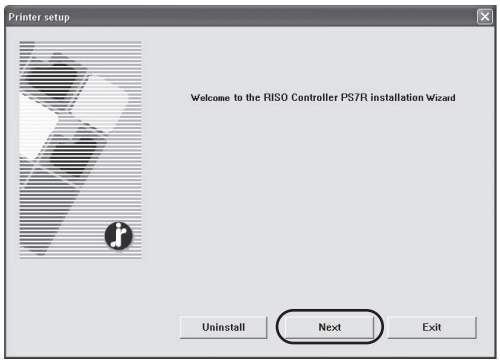
The installer launches. If the installer does not launch, double-click on the “setup.exe” file on the CD-ROM.

2 Click [US English/UK English].

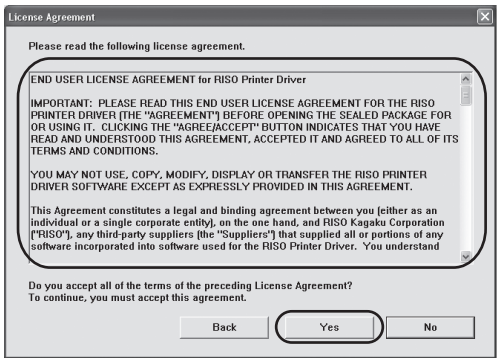
3 Click [Printer driver setup].



4 Click the [Next] button.

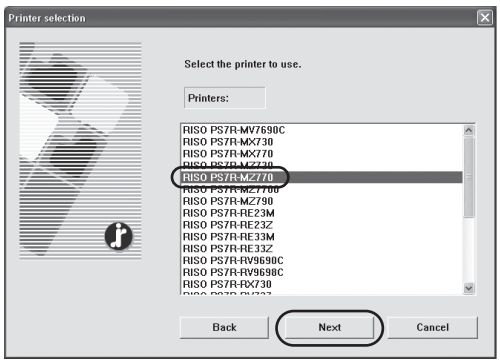


5 Read the License Agreement and click the [Yes] button.



6 Click on the printer connected to the controller.

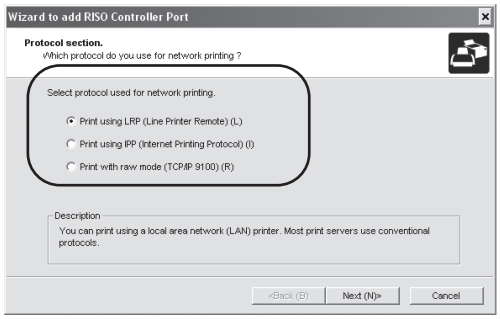
It will be highlighted.



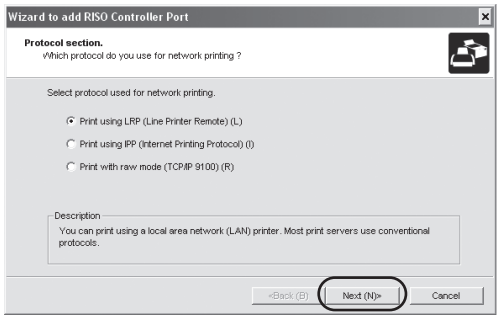
7 Click the [Next] button.

8 Select the protocol.

The protocol used for network printing will be selected.
When transferring data using the IPP port, the data transferred is encrypted using SSL then output.
When you want to take security into consideration, use the IPP port.

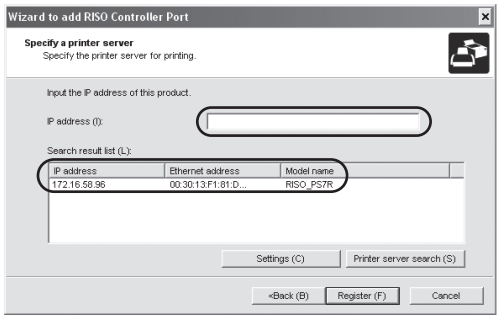


9 Click the [Next] button.



10 Input the IP address for the controller in “IP address”, or click on the printer information displayed in “Search result list”.

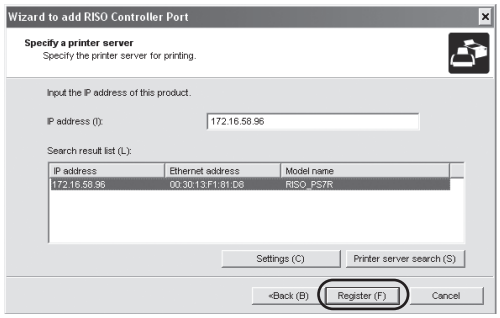
Input the IP address assigned to the controller in step 5 of “Network settings” ☞p.10.



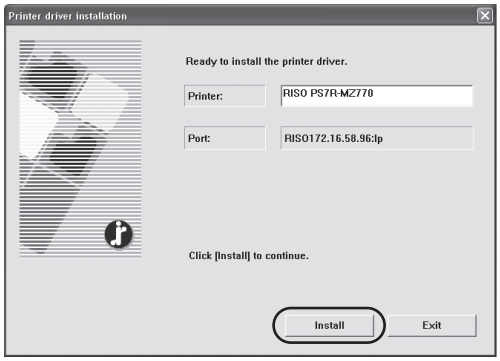
Note:

- A “broadcast address” can be registered by clicking the **[Settings]** button. To register a “broadcast address”, input the IP address and click the **[Add]** button.
  When there is more than one “broadcast address”, click to select the “broadcast address” to be used, and click the **[OK]** button.
  To delete unnecessary addresses, click on the unnecessary address, and click the **[Delete]** button.

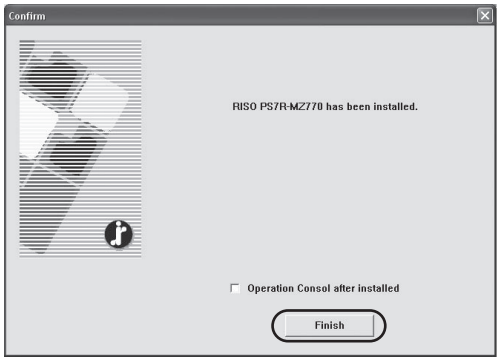
11 Click the [Register] button.



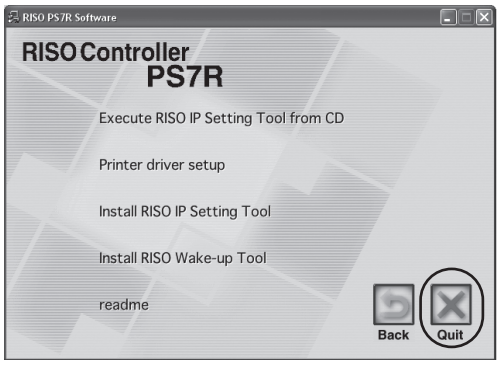
12 Click the [Install] button.



13 Click the [Finish] button.



14 Click [Quit].



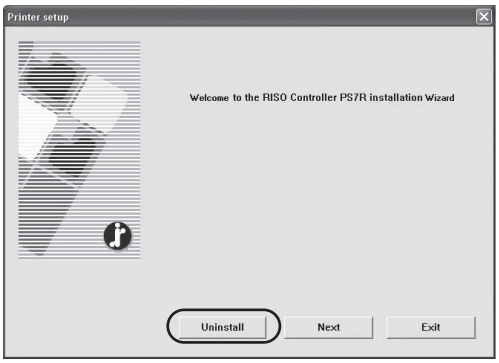
This completes the installation of the printer driver.
You can now print from the computer.

Uninstalling the Printer Driver

Perform the following operations to delete (uninstall) the printer driver.

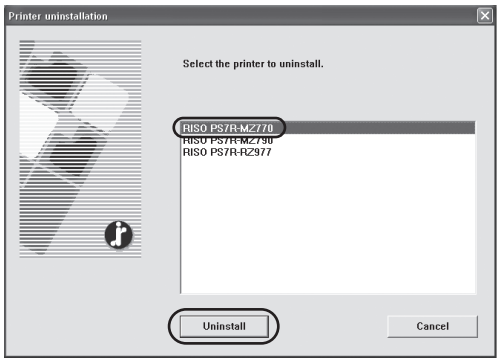
1 Follow steps 1 - 3 under “Printer Driver Installation” ☞p.12.

2 Click the [Uninstall] button.



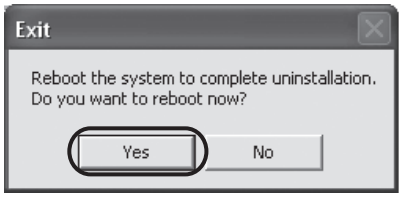
3 Click on the printer you want to uninstall to highlight it.

Select the PS7R printer driver installed on your computer.



4 Click the [Uninstall] button.

5 Click the [Yes] button.



The computer restarts. The printer driver is completely removed after restarting.

RISO Wake-up Tool Installation

Install the software for starting the controller from your computer (turning the power ON) when the controller is OFF.

1 Insert the RISO PS7R Controller software CD-ROM in your computer's CD-ROM drive.

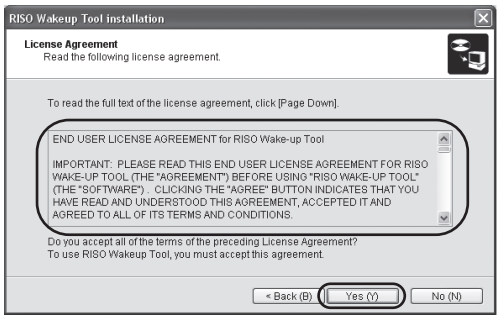
The installer launches. If the installer does not launch, double-click on the "setup.exe" file on the CD-ROM.

2 Click [US English/UK English].

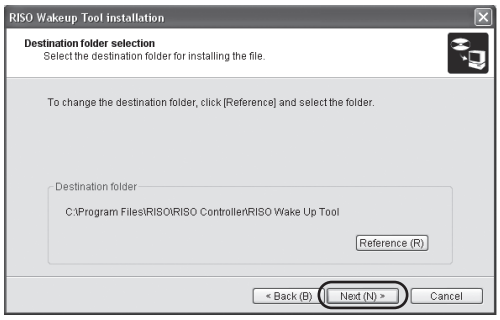
3 Click [Install RISO Wake-up Tool].

4 Click the [Next] button.

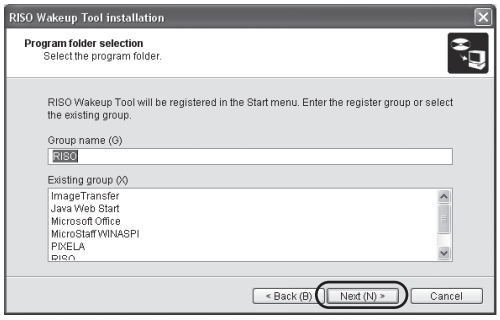
5 Read the License and click the [Yes] button.



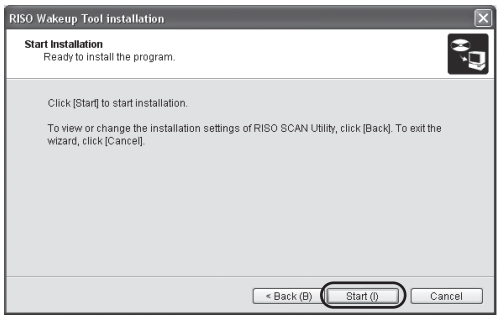
6 Click the [Next] button.



7 Click the [Next] button.



8 **Click the [Start] button.**



9 **Click the [Finish] button.**

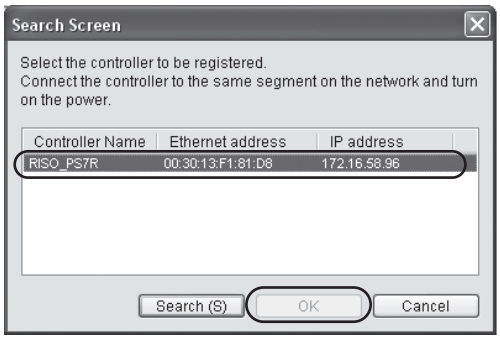
10 **Click [Quit].**

After the installation of the RISO Wake-up Tool has finished, register the controller.

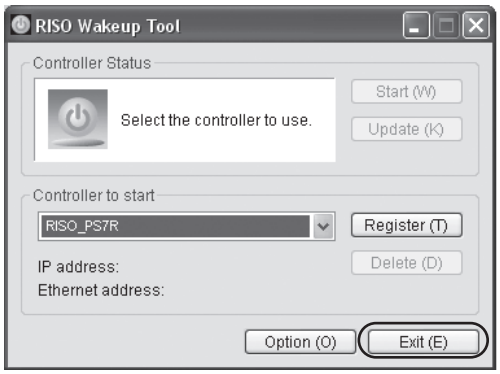
1 **Select [Start] - [Programs] - [RISO] - [RISO Controller] - [RISO Wake-up Tool].**

2 **Click the [Yes] button.**

3 **Select the controller to be registered and click the [OK] button.**



4 **Click the [Exit] button.**



Printing with a Macintosh (Mac OS 9)

Before using the controller, install the software in the following order and make the settings.

Installing the RISO IP Setting Tool ☞p.18

▼

Set the IP address for the controller using the RISO IP Setting Tool ☞p.20

▼

Installing the printer driver ☞p.23

Perform the “ATM Installation” ☞p.25 and “RISO Wake-up Tool Installation” ☞p.26 if necessary.

Note:

- Only install the RISO IP Setting Tool on the computer to be used for setting the IP address of the controller.
- Install the printer driver on all of the computers that will be using the controller.
- If Adobe PS is installed on the computer and the Adobe PS driver version is older than 8.7.0, install Adobe PS. “Adobe PS Installation” ☞p.22

Installing the RISO IP Setting Tool

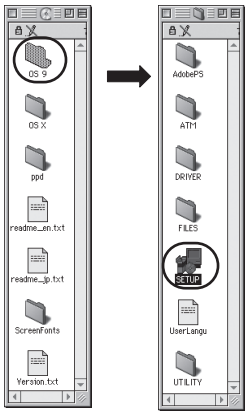
Install the software for setting the controller IP address from a computer.

Note:

- The RISO IP Setting Tool can be started directly from the CD-ROM. “Network settings” ☞p.20

1 Insert the RISO PS7R Controller software CD-ROM in your computer's CD-ROM drive.

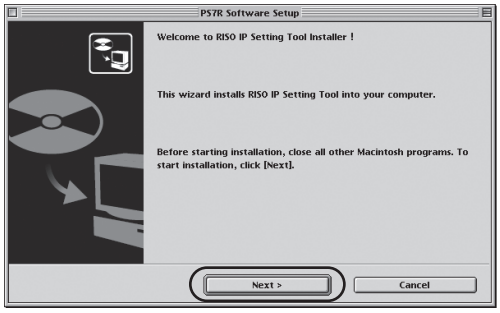
2 Double-click the [OS 9] - [SETUP] file on the CD-ROM.



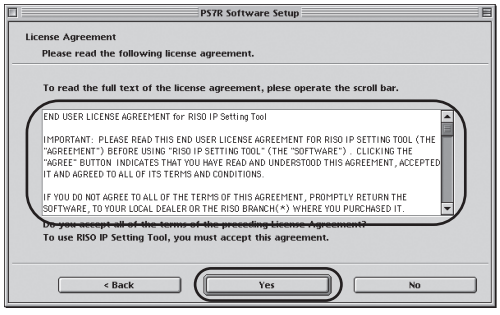
3 Click [US English/UK English].

4 Click [Install RISO IP Setting Tool].

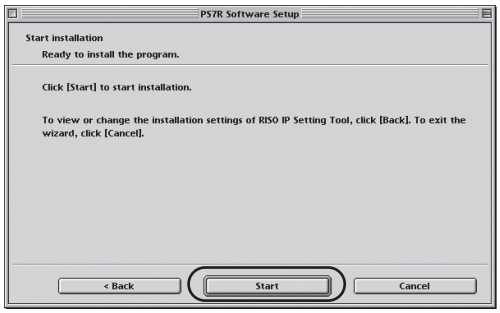
5 Click the [Next] button.



6 Read the License Agreement and click the [Yes] button.



7 Click the [Start] button.

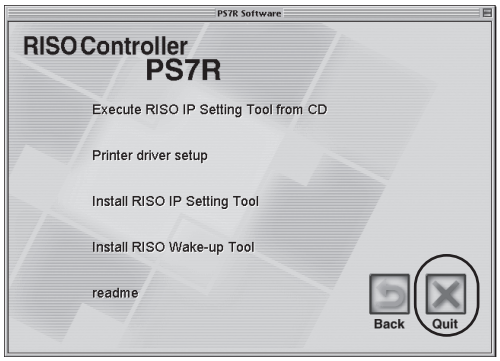


8 Select [Yes] or [No] and click the [Finish] button.

If you want to continue to set the controller IP address, select **[Yes]**, and if you do not want to set the controller IP address, select **[No]**. Then click the **[Finish]** button.

The RISO IP Setting Tool is installed. Next specify the IP address for the controller.
Selecting **[Yes]** starts the RISO IP Setting Tool, so perform the operations starting with step 2 under “Network Settings” ☞p.20.

9 Click [Quit].



This completes the installation.

Network settings

Start the RISO IP Setting Tool and set the IP address for the controller.

Note:

- When setting the IP address after installing the RISO IP Setting Tool, start with step 2.
- When running the RISO IP Setting Tool from the RISO PS7R Controller software CD-ROM, insert the CD-ROM in your computer's CD-ROM drive and click **[Execute RISO IP Setting Tool from CD]**. After this, follow steps operations starting with step 2 below.

Important!:
Before performing the following operations, be sure that the controller is connected to the computer.
"Computer Connections" ☞p.5

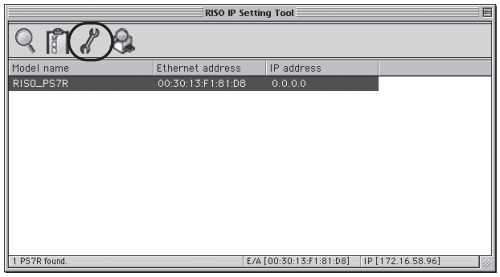
1 Select [RISO] - [RISO Controller] - [ADMIN] created on the startup disk, and then click [PS7RADMIN].

2 Confirm that the controller information is displayed in the list and click it.

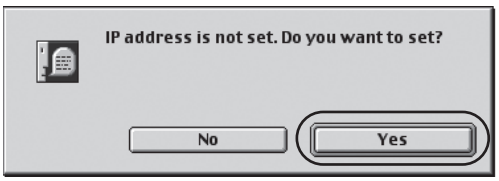
It will be highlighted. If the information for the controller is not displayed, reconfirm that the controller and the printer are connected.
"Computer Connections" ☞p.5

3 Click the [Network] icon.

Alternatively, select **[Network]** from the **[Settings]** menu.

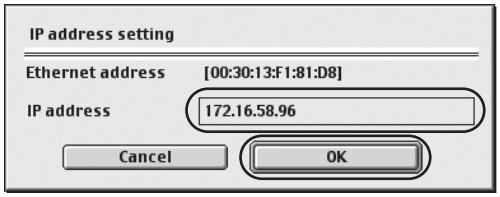


4 Click the [Yes] button.



5 Enter the IP address being assigned to the controller and click the [OK] button.

Confirm the IP address for the controller with your network administrator.

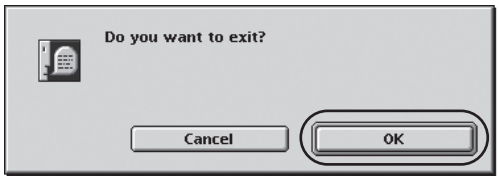


6 Click the [Yes] button.

7 Turn the controller OFF, and then turn it ON again.

8 Select [File] - [Exit].

9 Click the [OK] button.



This completes the IP address setting for the controller. After starting the controller, the IP address set in step 5 becomes effective.
The printer driver is installed next. See “Printer Driver Installation” ☞p.23.

Adobe PS Installation

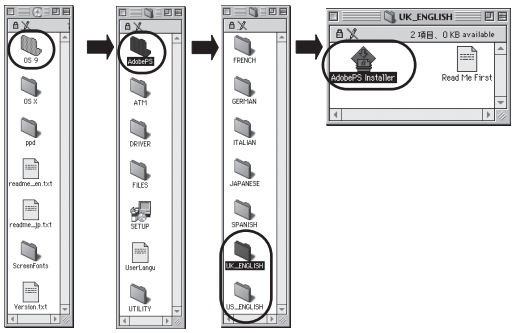
When Adobe PS is not installed on the computer or when the Adobe PS driver being used is earlier than version 8.7.0, use the CD-ROM provided to perform the following operations.

Important!:

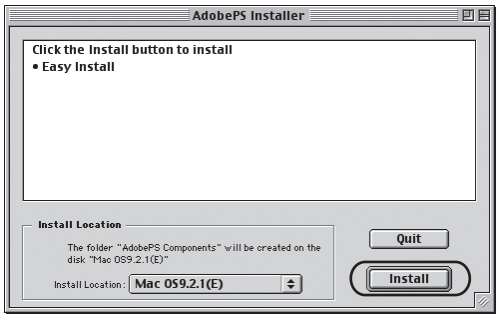
- When you install the Adobe PS driver (version 8.8.0) on the CD-ROM, you may not be able to print using PS printers or image setters from other companies.
  For Adobe PS driver compatibility status for other manufacturer's printers, contact the printer manufacturer.

1 Insert the RISO PS7R Controller software CD-ROM in your computer's CD-ROM drive.

2 Select [OS9] - [Adobe PS] - [US English/UK English] on the CD-ROM and double-click [AdobePS Installer].



3 Follow the instructions on the screen to install it.



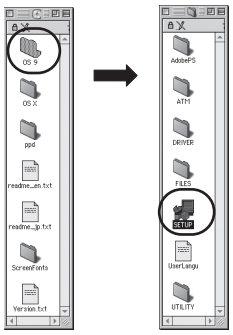
Printer Driver Installation

Note:

- Install the printer driver on all of the computers that will be using the controller.
  Before installing the printer driver, set the IP address for the controller.
  “Network settings” ☞p.20

1 Insert the RISO PS7R Controller software CD-ROM in your computer's CD-ROM drive.

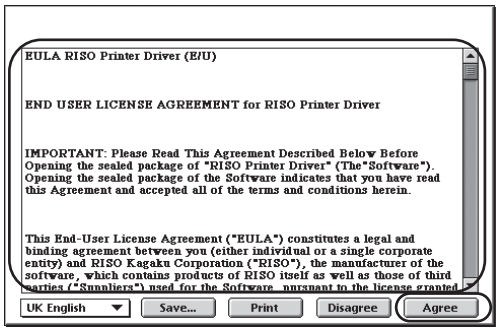
2 Double-click the [OS 9] - [SETUP] file on the CD-ROM.



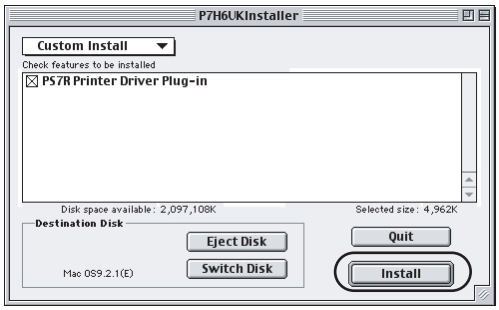
3 Click [US English/UK English].

4 Click [Printer driver setup].

5 Read the License Agreement and click the [Agree] button.

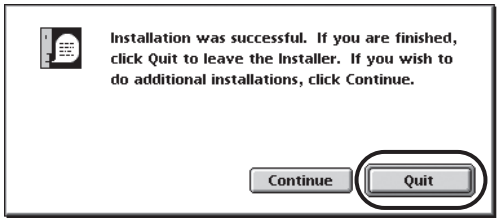


6 Click the [Install] button.



When an exit applications message is displayed, save any necessary data and quit the application. Then click the **[Continue]** button.
When more than one disk can be selected for the installation, click the **[Drive]** button and select the disk where Mac OS 9 is installed.

7 Click the [Quit] button.



This completes the installation of the printer driver.

Printer Selection

After installing the printer driver, the printer PPD file (printer description) is selected and settings made.

Note:

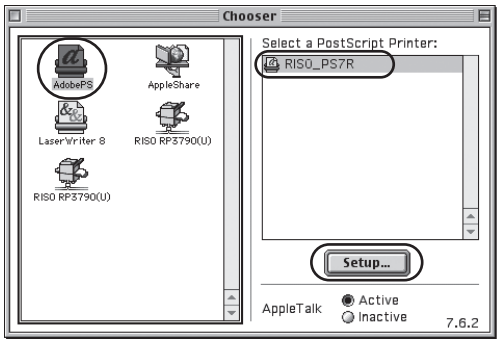
- If Adobe PS is not installed on the computer the Adobe PS driver version is older than 8.7.0, select the printer after installing Adobe PS.
  “Adobe PS Installation” ☞p.22

1 Open the Chooser.

From the **[Apple]** menu select Chooser, and start the Chooser.
Clicking **[Adobe PS]** displays **[RISO-PS7R]**.

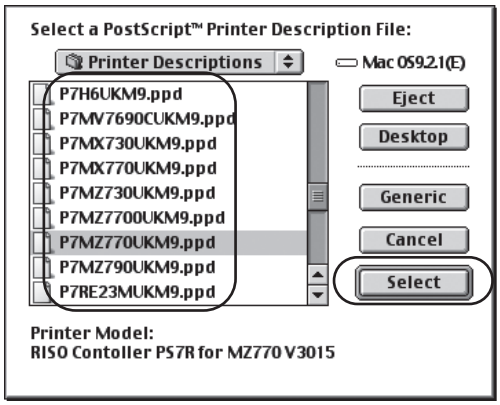
2 Select the printer.

Select **[RISO-PS7R]**, and click the **[Setup]** button.



3 Select [PPD for the printer name connected to the controller] in the [Select a PostScript Description File] dialog box, and click the [Select] button.

After the icon has been created on the desktop, close the Chooser.
You can now print from the computer.



Note:

- When you want to use the RISO PS7R Controller **[General PPD]**, install it using the following steps.
- The General PPD is used when the normal printer driver is not available for printing, for example, printing from PageMaker, or when using the applications that directly call up the PPD.
  There are fewer functions than the normal printer driver, but it is useful for more general purpose.

  1) Copy **[ppd]** - **[Duplicator]** - **[US/UK]** - **[P7RZUKGP.ppd]** from the RISO PS7R Controller software CD-ROM to the following folder.
  [System Folder] - **[Extensions]** - **[Printer Descriptions]**.

  2) Select **[P7RZUKGP.ppd]** with the Chooser.

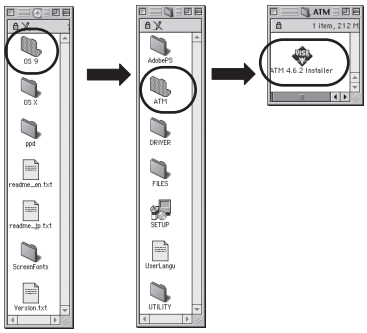
  On the application print settings screen, set the printer description to **[P7RZUKGP.ppd]** before printing.

ATM Installation

Adobe Type Manager (ATM) is software for accurately displaying the PostScript (PS) fonts installed in the controller on the computer screen. When ATM fonts are used, you can confirm what you are printing on your computer with an image that is close to the printing result.

1 Insert the RISO PS7R Controller software CD-ROM in your computer's CD-ROM drive.

2 Select [OS9] - [ATM] on the CD-ROM and double-click [ATM 4.6.2 Installer].



3 Follow the instructions on the screen to install it.

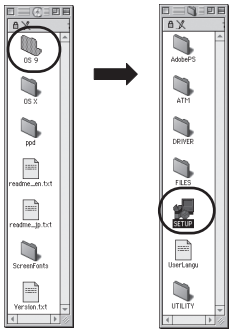
After the installation is complete, ATM can be used.

RISO Wake-up Tool Installation

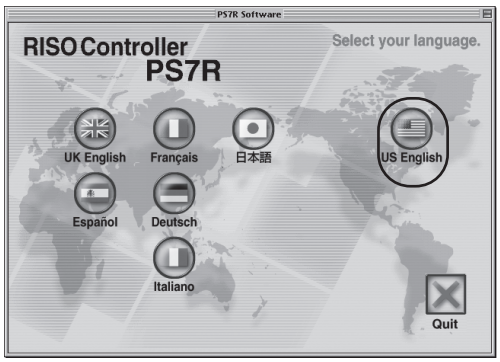
This installs software for starting the controller from your computer (turning the power ON) when the controller is OFF.

1 **Insert the RISO PS7R Controller software CD-ROM in your computer's CD-ROM drive.**

2 **Double-click the [OS 9] - [SETUP] file on the CD-ROM.**



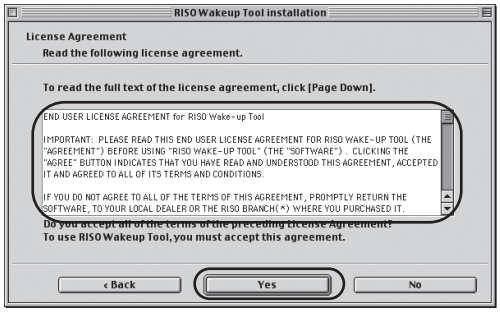
3 **Click [US English/UK English].**



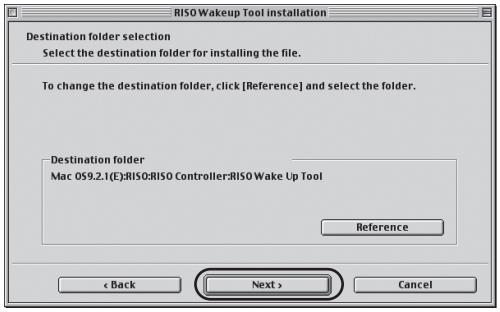
4 **Click [Install RISO Wake-up Tool].**

5 **Click the [Next] button.**

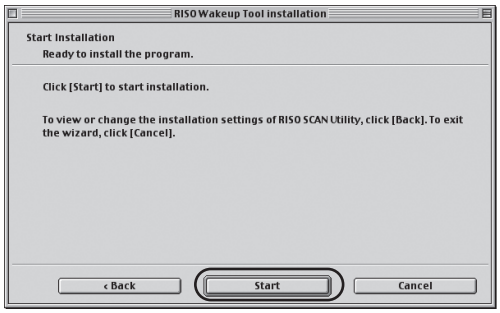
6 **Read the License and click the [Yes] button.**



7 **Click the [Next] button.**

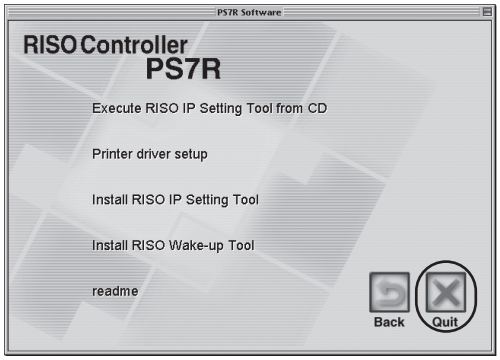


8 **Click the [Start] button.**



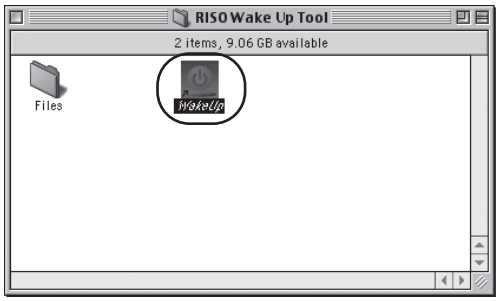
9 **Click the [Finish] button.**

10 **Click [Quit].**



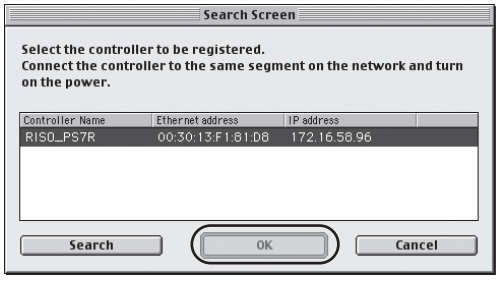
After the installation of the RISO Wake-up Tool has finished, register the controller.

1 **Select [RISO] - [RISO Controller] - [RISO Wake Up Tool] created on the startup disk, and then double-click [Wake Up].**

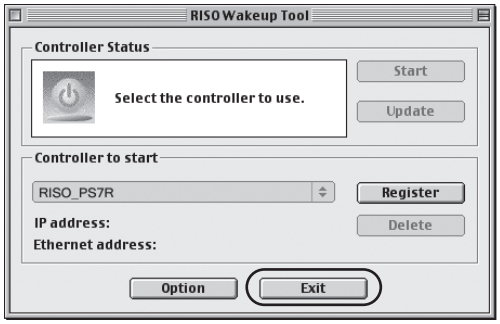


2 **Click the [Yes] button.**

3 **Select the controller to be registered and click the [OK] button.**



4 **Click the [Exit] button.**



Printing with a Macintosh (Mac OS X)

Before using the controller, install the software in the following order and make the settings.

Installing the RISO IP Setting Tool ☞p.28

▼

Set the IP address for the controller using the RISO IP Setting Tool ☞p.30

▼

Installing the printer driver ☞p.32

Perform the “RISO Wake-up Tool Installation” ☞p.35 if necessary.

Note:

- Only install the RISO IP Setting Tool on the computer to be used for setting the IP address of the controller.
- Install the printer driver on all of the computers that will be using the controller.

Installing the RISO IP Setting Tool

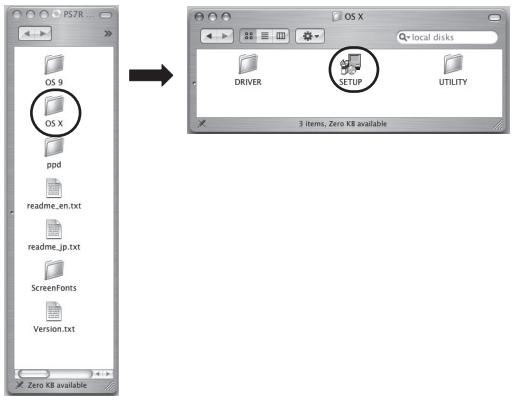
Installs software for setting the controller IP address from a computer.

Note:

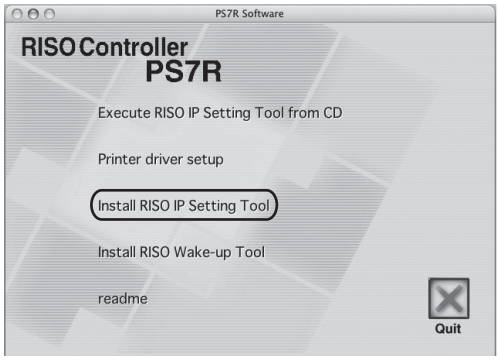
- The RISO IP Setting Tool can be run directly from the CD-ROM.
  “Network settings” ☞p.30

1 Insert the RISO PS7R Controller software CD-ROM in your computer’s CD-ROM drive.

2 Double-click the [OS X] - [SETUP] file on the CD-ROM.

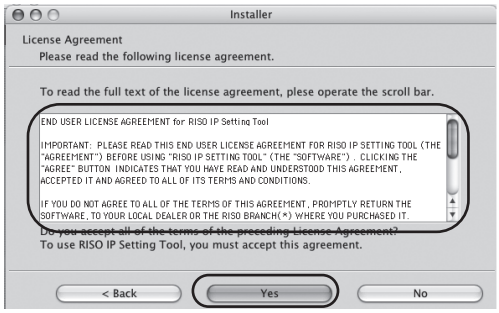


3 Click [Install RISO IP Setting Tool].

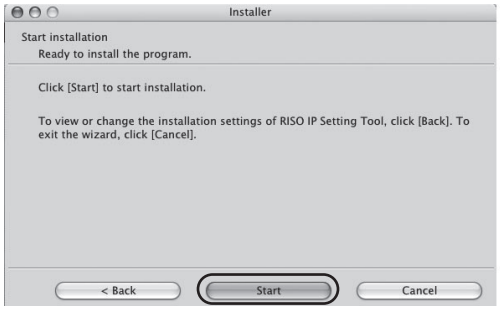


4 Click the [Next] button.

5 Read the License Agreement and click the [Yes] button.



6 Click the [Start] button.

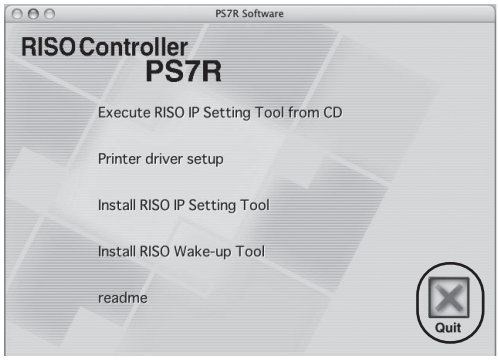


7 Select [Yes] or [No] and click the [Finish] button.

If you want to continue to set the controller IP address, select **[Yes]**, and if you do not want to set the controller IP address, select **[No]**. Then click the **[Finish]** button.

The RISO IP Setting Tool is installed. Next specify the IP address for the controller.
Selecting **[Yes]** starts the RISO IP Setting Tool, so perform the operations starting with step 2 under “Network Settings” ☞p.30.

8 Click [Quit].



This completes the installation.

Network settings

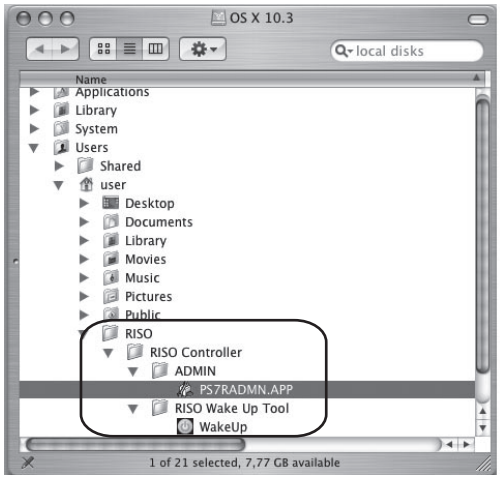
Start the RISO IP Setting Tool and set the IP address for the controller.

Note:

- When setting the IP address after installing the RISO IP Setting Tool, start with step 2.
- When running the RISO IP Setting Tool from the RISO PS7R Controller software CD-ROM, insert the CD-ROM in your computer's CD-ROM drive and click **[Execute RISO IP Setting Tool from CD]**. After this, follow steps starting with step 2 below.

Important!:
Before performing the following operations, be sure that the controller is connected to the computer.
"Computer Connections" ☞p.5

1 Select [RISO] - [RISO Controller] - [ADMIN] created on the startup disk, and then click [PS7RADMIN].

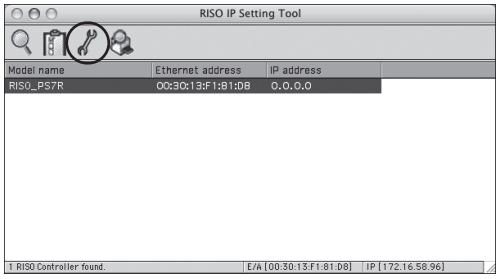


2 Confirm that the controller information is displayed in the list and click it.

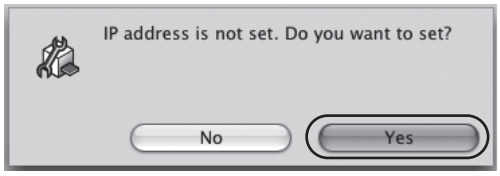
It will be highlighted. If the information for the controller is not displayed, reconfirm that the controller and the printer are connected.
"Computer Connections" ☞p.5

3 Click the [Network] icon.

Alternatively, select **[Network]** from the **[Settings]** menu.

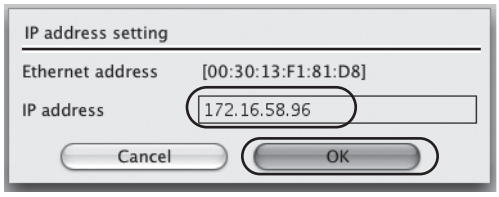


4 Click the [Yes] button.

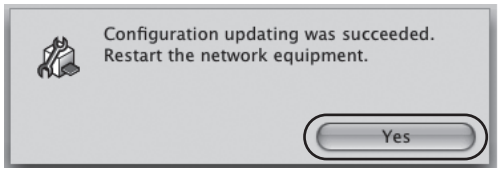


5 Enter the IP address being assigned to the controller and click the [OK] button.

Confirm the IP address for the controller with your network administrator.

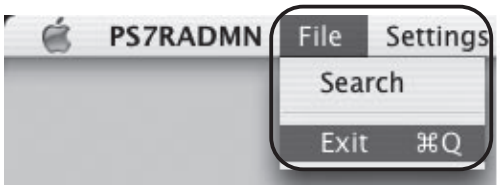


6 Click the [Yes] button.



7 Turn the controller OFF and then turn it ON again.

8 Select [File] - [Exit].



9 Click the [OK] button.

This completes the IP address setting for the controller. After starting the controller, the IP address set in step 5 becomes effective.
The printer driver is installed next. See “Printer driver installation” ☞p.32.

Printer Driver Installation

Install the printer driver using the following steps.

Note:

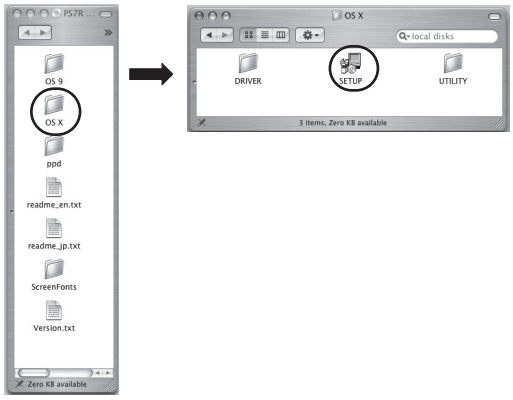
- Install the printer driver on all of the computers that will be using the controller.
  Before installing the printer driver, set the IP address for the controller.

  Important!:

  - Before performing the following operations, be sure that the controller is connected to the computer.
    “Computer Connections” ☞p.5

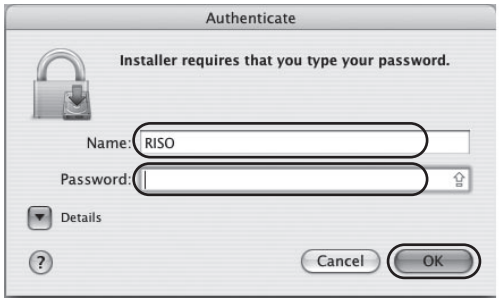
1 Insert the RISO PS7R Controller software CD-ROM in your computer’s CD-ROM drive.

2 Double-click the [OS X] - [SETUP] file on the CD-ROM.



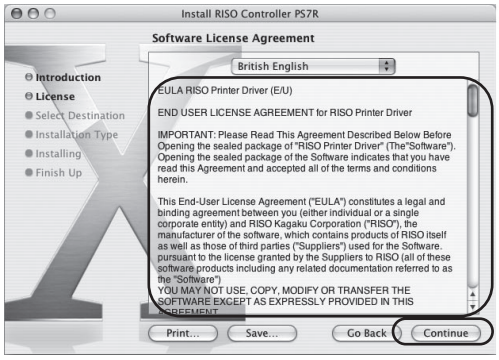
3 Click [Printer driver setup].

4 Enter your name and password on the verification screen and click the [OK] button.

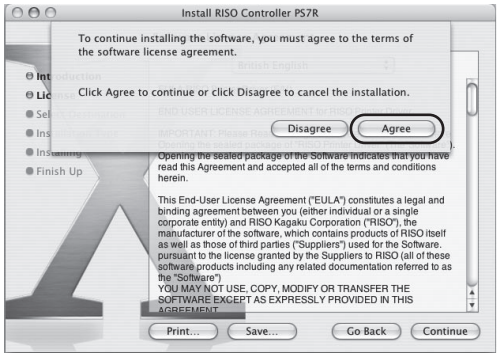


5 Click the [Continue] button.

6 Read the License and click the [Continue] button.

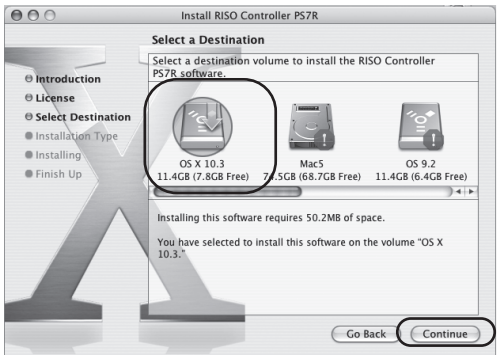


7 Click the [Agree] button.

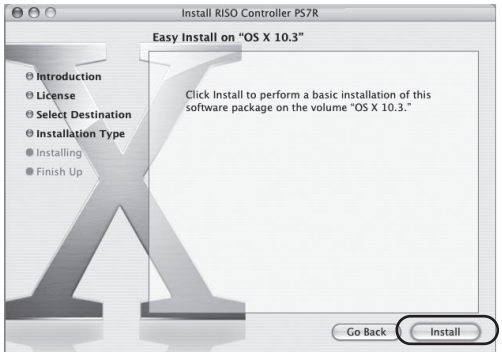


8 Select the destination disk for the installation, and click the [Continue] button.

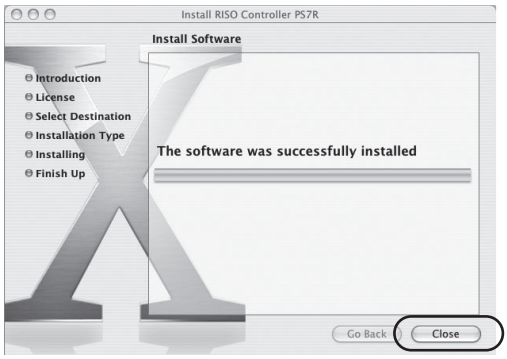
Normally you should select the start-up disk.



9 Click the [Install] button.



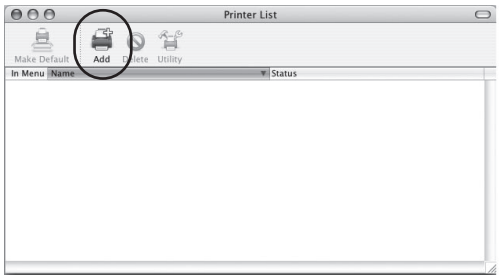
10 Click the [Close] button.



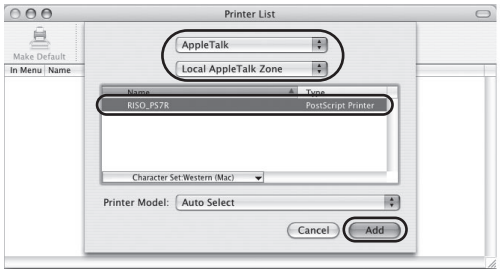
11 Double-click [Print Center] or [Print and Fax].

- Mac OS X 10.2
  Double-click **[Print Center]** in the **[Applications]** - **[Utilities]** folder on the Mac OS X startup disk.
- Mac OS X 10.3 and 10.4
  Double-click **[Print & Fax]** in the **[Applications]** - **[System Preferences]** folder on the Mac OS X startup disk.

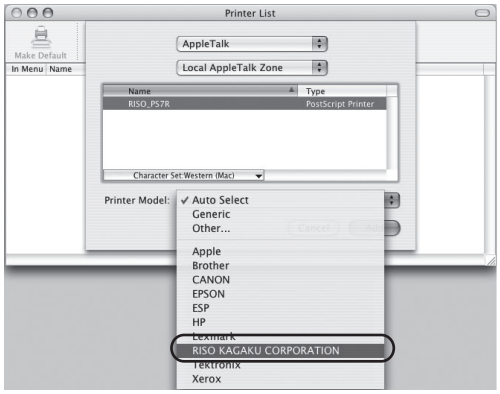
12 Click the [Add] icon.



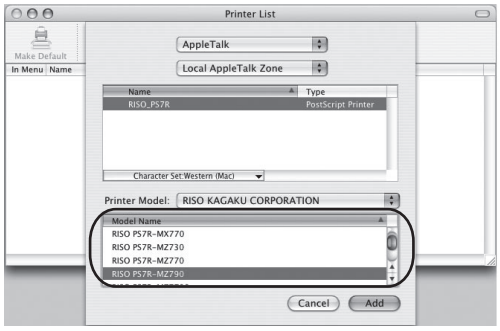
13 Select “AppleTalk” and “Local AppleTalk Zone”.



14 From the printer types, select [RISO KAGAKU CORPORATION].

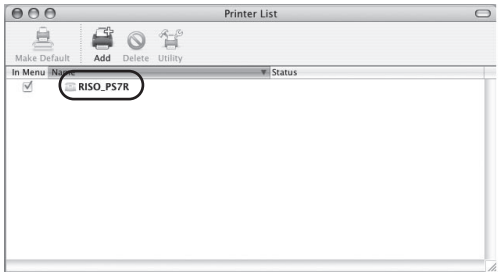


15 Click on the name of the printer connected to the controller.



16 Click the [Add] button.

17 Confirm that the controller has been added to the printer list.



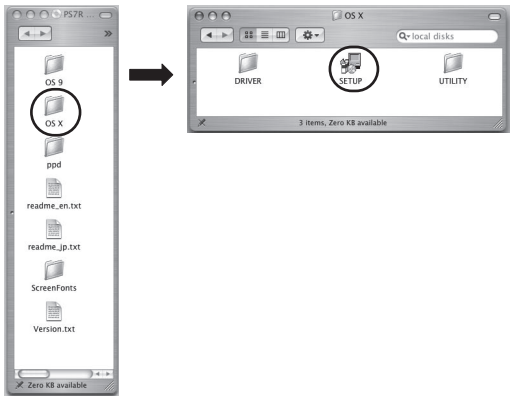
This completes the installation of the printer driver.
You can now print from the computer.

RISO Wake-up Tool Installation

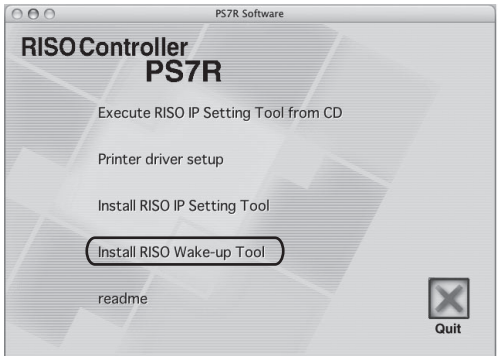
Install the software for starting the controller from your computer (turning the power ON) when the controller is OFF.

1 Insert the RISO PS7R Controller software CD-ROM in your computer's CD-ROM drive.

2 Double-click the [OS X] - [SETUP] file on the CD-ROM.

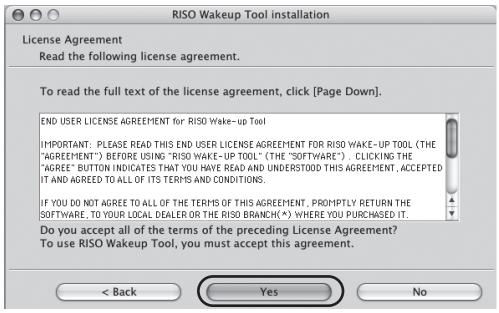


3 Click [Install RISO Wake-up Tool].

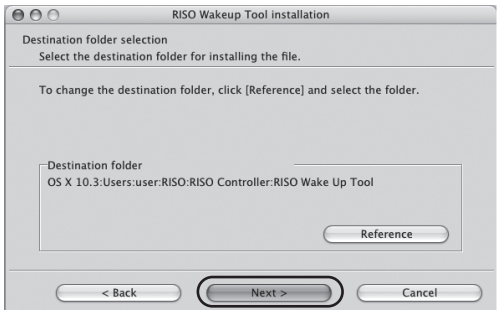


4 Click the [Next] button.

5 Read the License and click the [Yes] button.



6 Click the [Next] button.



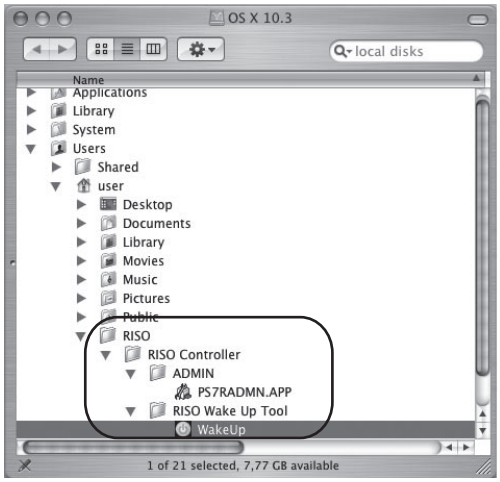
7 Click the [Start] button.

8 **Click the [Finish] button.**

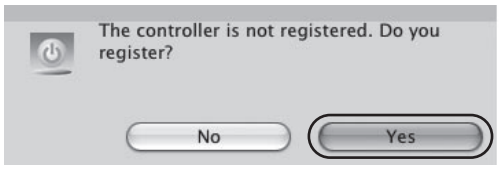
9 **Click [Quit].**

After the installation of the RISO Wake-up Tool has finished, register the controller.

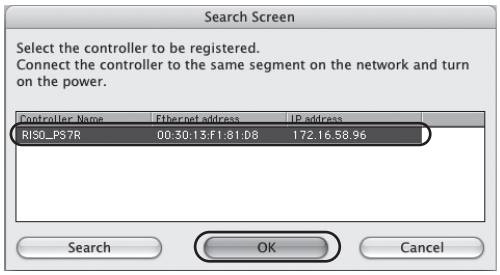
1 **Select [RISO] - [RISO Controller] - [RISO Wake Up Tool] created on the startup disk, and then double-click [Wake Up].**



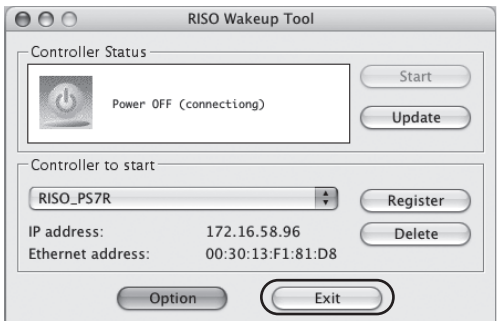
2 **Click the [Yes] button.**



3 **Select the controller to be registered and click the [OK] button.**



4 **Click the [Exit] button.**



Printer Driver Operations

Printer driver settings must be changed to print according to your uses and purposes. The printer driver settings will be described here.

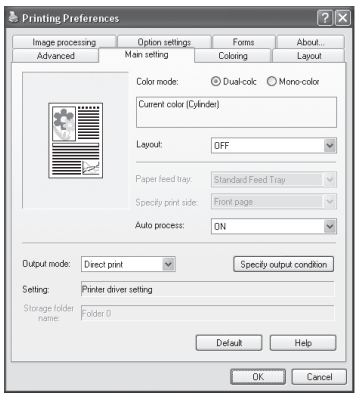
Printer Driver Actions

This section describes the printer driver settings. The items that can be set will vary according to the printer and options connected.

Description of Screens

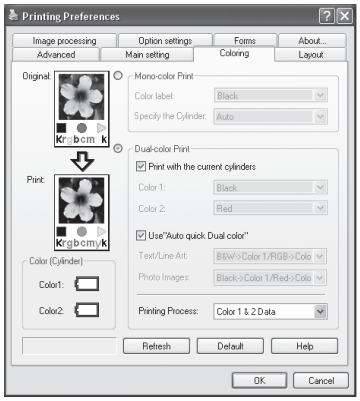
The driver settings screen is made up of the following nine tabs.
(Here the explanation will use a Windows screen.)

[Main setting] tab



The color mode, layout and output mode can be set.
“Main settings” ☞p.42

[Coloring] tab

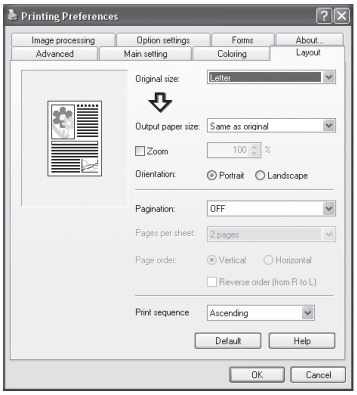


Ink colors printed, Print cylinder (drum) and coloring conditions can be set.

Note:

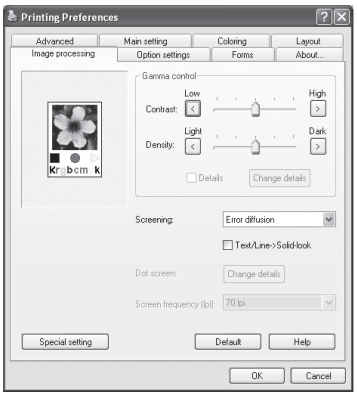
- This tab is exclusive for Dual-color printer (2 print cylinders (drums) loaded). ☞p.48
  This tab will not be displayed for Mono-color printer (1 print cylinder (drum) loaded).

[Layout] tab



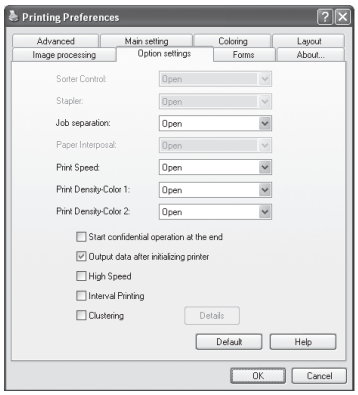
Enlargement / reduction during printing and pagination can be set.
“Layout” ☞p.51

[Image processing] tab



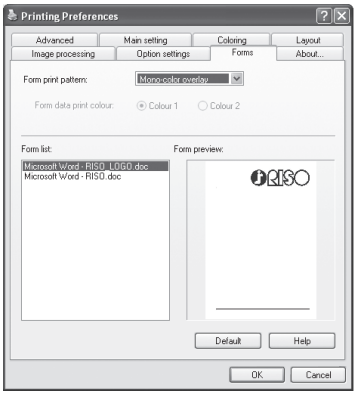
The quality of photos etc. can be adjusted.
“Image processing” ☞p.57

[Option settings] tab



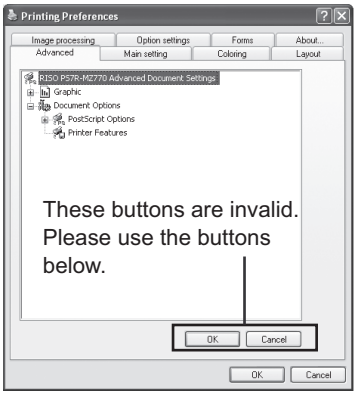
Job separation for the optional sorter and stapler, density and speed for printing, clustering and other functions can be set.
“Option settings” ☞p.62

[Forms] tab



Forms registered in the printer can be combined with output data and printed.
“Forms” ☞p.67

[Advanced] tab

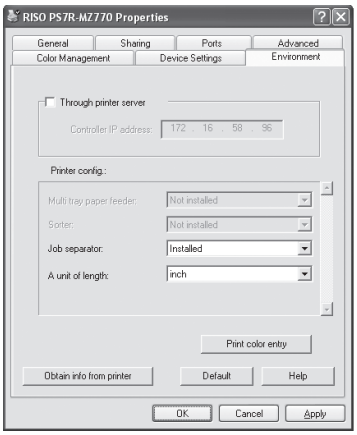


The PostScript printer driver settings screen is displayed.
We recommend using the default settings.

[About] tab

The version information of the printer driver is displayed.
“About..” ☞p.74

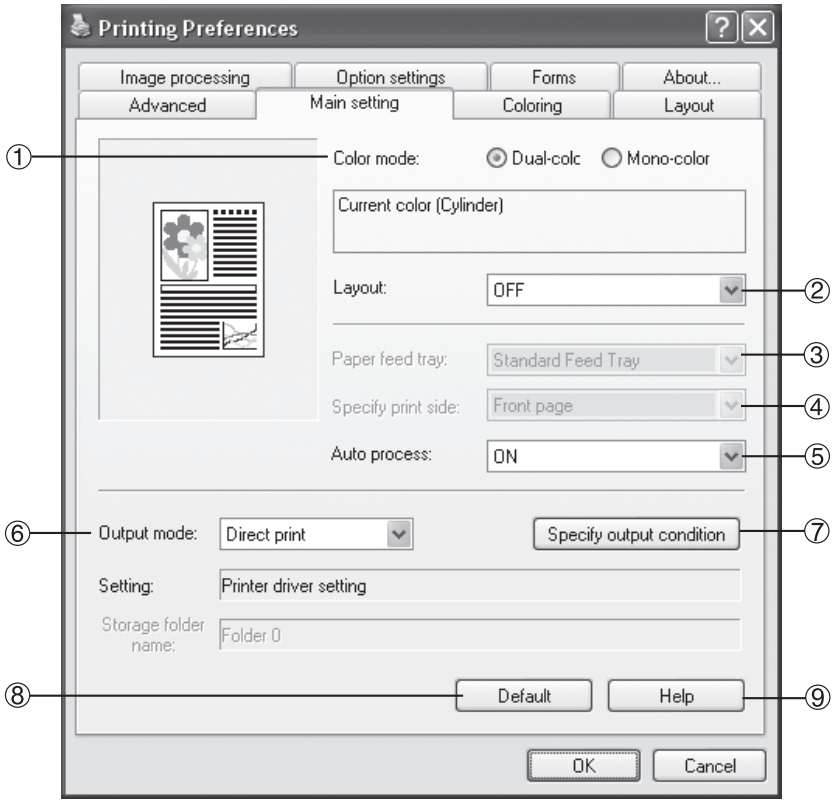
[Environment] tab



The controller IP address can be set and the device configuration confirmed.
For Windows 2000 / XP,
select **[Start]** - **[Printers and Faxes]**, and you can open and display the **[Properties]** for the printers that are connected.
For Mac OS 9 / X,
the **[Environment]** tab of the printer driver settings screen is displayed.
“Environment” ☞p.72

Main setting

Mono-color printing and dual-color printing can be switched, and the output mode, etc., can be set.



Settings

1) Color mode (dual-color printers only)
Select dual-color or mono-color printing.

2) Layout
When finishing for the printing is duplex printing, the binding side can be selected.

3) Paper feed tray (Multi tray paper feeder only)
Select the tray holding the paper for printing.

4) Specify print side
When the binding edge is set under “Layout”, select whether the front side is printed or the back is printed.

5) Auto process
Sets the continuous mode for master making and printing (print pause timing).

6) Output mode
Selects the output mode for the date sent from the computer. The current settings are displayed below.

7) Specify output condition
Select output settings or a stored folder name that has been registered in advance.

8) Default
Resets the settings on the **[Main setting]** to their initial values.

9) Help
Displays Help.

Color mode (dual-color printers only)

Select mono-color or dual-color printing.

Note:

- If dual-color is selected, the color is separated according to the “Coloring” settings.
  If mono-color is selected, binary processing is carried out with a single color.

Layout

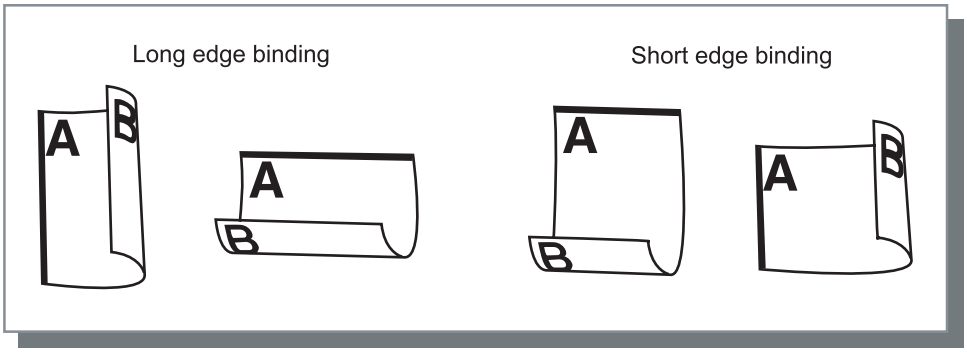
Select the binding edge to determine the orientation of the original when manually printing on both sides.
Select “OFF” with single-sided printing.

Note:

- When duplex printing is assumed, you can specify the side for printing when you print.
  “Specify print side” ☞p.44
- Duplex printing cannot be carried out automatically. First one side is printed, and then the printed material is put back into the standard feed tray or tray and the back is printed.

Settings

- OFF (default)
  No settings for duplex printing.
- Long edge binding
  The long edge of the original is selected for binding.
- Short edge binding
  The short edge of the original is selected for binding.



Paper feed tray (When equipped with Multi tray paper feeder)

Specify the tray holding the paper for printing.
When the tray cannot be selected, select **[Multi tray paper feeder]** - **[Installed]** in **[Printer config.]** on the **[Environment]** tab. Clicking the **[Apply]** button makes the trays that can be selected display on the pull-down menu for paper feed trays. “Environment” ☞p.72

Settings

- Auto feed tray selection
  The tray is automatically selected according to the **[Output paper size]** on **[Layout]** tab.

  Important!:
  - When no tray matches the output paper size, it generates an error and printing cannot be carried out.
- Tray 1
  The paper in Tray 1 is used for printing.
- Tray 2
  The paper in Tray 2 is used for printing.
- Standard Feed Tray
  The paper in the Standard Feed Tray is used for printing.
- Open
  Regardless of the **[Output paper size]** set on the **[Layout]** tab, printing is done on the paper in the tray set by printer panel operations.

Specify print side

When the binding edge is selected in “Layout”, the print side can be specified. If “Front page” is selected, only odd pages are printed, and if “Back page” is selected, only the even pages are printed.

Note:

- Duplex printing
  After selecting “Front page” in “Specify print side” and printing, set the paper as follows.
  Without changing the feed direction of the printed sheets, turn the paper over and put it in the Standard Feed Tray.
  Select “Back page” under “Specify print side” and the duplex printing will be completed.
  When one side is printed, printed paper should be loaded on Standard Feed Tray instead of Tray 1 or Tray 2.

Settings

- Front page (default)
  Only odd numbered pages are printed. (1,3,5...)
- Back page
  Only even numbered pages are printed. (2,4,6,...)

Auto process

The continuous mode for making a master and printing (print pause timing) can be set.
When you want to check test printing or temporarily stop printing, select any timing except ON settings.

Settings

- ON
  Continuous operation from making a master to printing. When there are multiple pages, all pages are printed without stopping.
- Semi-Auto (Print)
  Stops after receiving the data and before making a master. The paper can be rearranged or the print cylinder (drum) replaced. Pressing the “Start” button on the RISO printer begins making a master and printing (Auto print).
- Semi-Auto (Master)
  After making a master, one test print is output and the process pauses. After checking the printout, you can adjust the position or make other adjustments. Pressing the “Start” button on the RISO printer begins the printing (Auto master). When there are multiple pages, the master for the next page is made (Auto master), and the process pauses after a test print is output.
- Manual
  Printing pauses before making a master and before printing. (This is the normal printing mode (manual).)

Note:

- Auto process is also enabled when printing from storage or archives. The Auto process settings for stored data are made on the RISO printer display when data is called up.
  This shows up when saved jobs are output.

Output mode

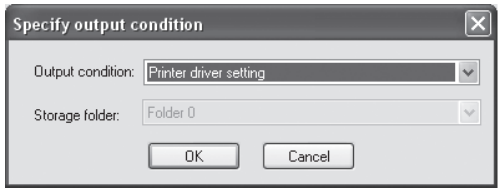
Select between printing the data sent from the computer or saving it in the controller.

Settings

- Direct print
  The data sent from the computer is printed on paper according to the **[Auto process]** settings.
- Print & Storage
  Along with direct printing, the output data is stored in the controller.
- Storage
  The output data is stored in the controller. Data stored in the storage can be reprinted or have the print output conditions changed by selecting the **[Storage]** tab under the RISO PS7R Console **[Job manager]**.
  ☞“Storage” in the “RISO Controller PS7R-9000 / 5000 User’s Guide for Console”
- Archive
  The output data is stored (archived) after RIP. The stored data can be reprinted by selecting **[Archive]** under the RISO PS7R Console **[Job manager]**.
  Since RIP has been started for the data, the output conditions cannot be changed, and printing can be done with reduction in the time necessary for RIP.
  ☞“Archive” in the “RISO Controller PS7R-9000 / 5000 User’s Guide for Console”
- Form
  The output data is stored in the controller as a form. Saved forms can be combined with other output data and printed by selecting the **[Forms]** tab.
  Forms and overlay output data cannot be saved in storage.
  ☞“Forms” in the “RISO Controller PS7R-9000 / 5000 User’s Guide for Console”

Specify output condition

When something other than **[Forms]** is selected in **[Output mode]**, the print settings that have been registered can be selected. In addition, the storage folder for output data in storage can be specified. Clicking the **[Change output condition]** button displays the **[Specify output condition]** screen.



Settings

- Specify output condition
  You can select between printing according to the printer driver settings or printing with the output settings registered in the controller.
  When printing with the printer driver settings, select **[Printer driver setting]**.
  When printing with the settings registered in the controller, select any of Direct print 1 - Direct print 9 (or any registered name you have set up).
  Select from the pull-down menu, and click the **[OK]** button.
  The default is **[Printer driver setting]**.

  Note:

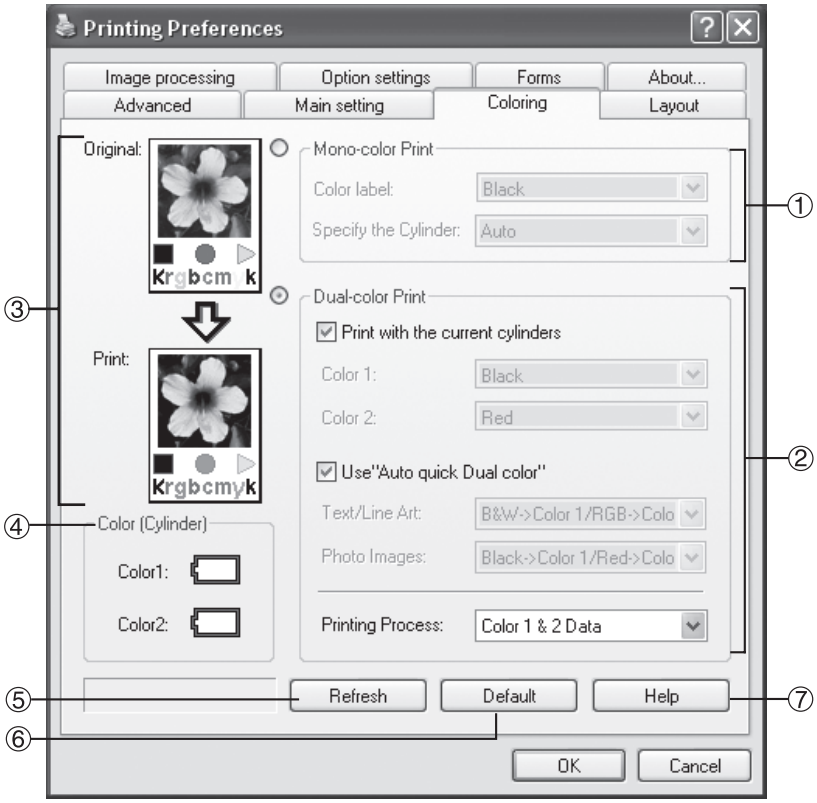
  - Registering output settings with the controller is carried out by the RISO PS7R Console **[Administrator]**.
    ☞"Direct Output Settings" in the "RISO Controller PS7R-9000 / 5000 User's Guide for Console"
  - When the controller is not connected to a network, "(Connecting to server...)" is displayed.
- Storage folder name
  Output data can be stored in any folder created in the controller.
  When a folder is created in the controller with **[Print & Storage]** under **[Output mode]** or "Storage" selected, one for the folders, Folder 1 - Folder 9 (or any folder that has been set up), is selected.
  Select the storage destination from the pull-down menu, and click the **[OK]** button.
  The default is **[Folder 0]**.

  Note:

  - Folders are created by the RISO PS7R Console **[Administrator]**.
    ☞"Folder Settings" in the "RISO Controller PS7R-9000 / 5000 User's Guide for Console"
  - When the controller is not connected to a network, "(Connecting to server...)" is displayed.

Coloring (dual-color printers only)

Sets ink colors printed, print cylinder (drum) and coloring conditions.



Settings

1) Mono-color Print

Select when printing with one color. The ink color and cylinder (drum) can be specified.

2) Dual-color Print

Select when printing with two colors. Printed text and text/line art parts, photo parts can be dual-color printed independently.

3) Image icon

The original and printout images are displayed according to the settings.

4) Color (Cylinder/Drum)

The names of the ink colors set for printer Color 1 and Color 2 are displayed.

5) Refresh

By clicking this button, the displayed color in Color (Cylinder/Drum) is updated.

6) Default

Resets the settings in **[Coloring]** to their initial values.

7) Help

Displays Help.

Mono-color Print

If Mono-color Print is selected, printing is done in one color.

Settings

- Color label
  When clicking the **[Refresh]** button and information acquired, the ink color set for printer Color 1 is displayed.
  When the information cannot be acquired and you want to change the ink color for printing, manually set the ink color you want to print with from the ink colors registered in the controller using the pull-down menu. “Print color entry” ☞p.73

- Specify the Cylinder (Drum)
  The cylinder (drum) where the ink color you specified in Color label is displayed.
  When the information cannot be obtained or when you want to set the print color manually, specify the printer cylinder (drum) where the ink color specified in Color label was set. When it was set in Color 1, specify Color 1, when it was set in Color 2, specify Color 2.

Dual-color Print

If Dual-color Print is selected, text/line art parts, photo parts in the document can be printed in dual-color independently.

Important!:

- When the characters’ numbers and the illustrations etc. in the document are color-separated, set the colors for the fonts and lines in advance when the data is created.
  There is no need for the color set to be the same as the actual print ink color, but even when multiple colors (three or more) are set, color-separation is done with two drums.
- Only color photos can be color-separated. Specify Color 1 or 2 for monochrome photos.

Settings

- Print with the current cylinders
  If checked, the names of the ink color names set for printer Color 1 and Color 2 are displayed.
  - Color 1
  - Color 2
    When any print ink color is specified, set the ink color you want for printing manually from the ink colors registered in the controller using the pull-down menu.
- Use “Auto quick Dual color”
  If checked, the “Text/Line Art” and “Photo Images” color-separation are set to the recommended color-separating parameters.
  - Text/Line Art
    Select when you want to print Text/Line Art with any color-separating parameter.
    [1] Text/Line Art is printed using Color 1.
    [2] Text/Line Art is printed using Color 2.
    [RGB->Color 1/B&W->Color 2] The color parts of Text/Line Art are printed with Color 1 and black (gray) with Color 2.
    [Red->Color 1/Others->Color 2] The color parts of Text/Line Art are printed with red, yellow and magenta for Color 1 and blue, green, black, etc. for Color 2.
    [B&W->Color 1/RGB->Color 2] The color parts of Text/Line Art are printed with Color 2 and black (gray) with Color 1.
    [Others->Color 1/Red->Color 2] The red, yellow, magenta an other parts of Text/Line Art are printed with Color 2 and blue, green, black, etc. with Color 2.

– Photo Images
Select when you want to print Photo Images with any color-separating parameter.
[1] Photo image parts are printed using Color 1.
[2] Photo image parts are printed using Color 2.
[Red->Color 1/Black->Color 2]
[Red->Color 1/Blue->Color 2]
[Red->Color 1/Green->Color 2]
[Black->Color 1/Red->Color 2]
[Blue->Color 1/Red->Color 2]
[Green->Color 1/Red->Color 2]
The coloring process is carried out to reproduce color photos with dual color. Make selections according to the ink color when printing. Perform coloring envisioning the ink colors set for Color 1 and Color 2. There is no need to select coloring with the same colors as are actually set, but when printing is done with those colors, the coloring process will be closer to the colors of the original photo image.

- Printing Process
With Dual-color Print, the Print cylinder (drum) for the master and the printing cylinder (drum) are specified.
Color 1 & 2 Data: The original is color-separated, and masters are made with Color 1 and 2.
Color 1 Data Only: Master making with Color 1 only, printing with both cylinders (drums).
Color 2 Data Only: Master making with Color 2 only, printing with both cylinders (drums).

Image icon

Images of the original and printout are displayed according to the **[Mono-color Print]**, **[Dual-color print]**, **[Printing Process]**, **[Text/Line Art]** and **[Photo Images]** settings.
These are different from the actual original and printout.
The settings for **[Color label]**, **[Color 1]** and **[Color 2]** are not reflected in the images.

Color (Cylinder/Drum)

When clicking the **[Refresh]** button and information acquired, the ink color names set for printer Color 1 and Color 2 are displayed.

Refresh

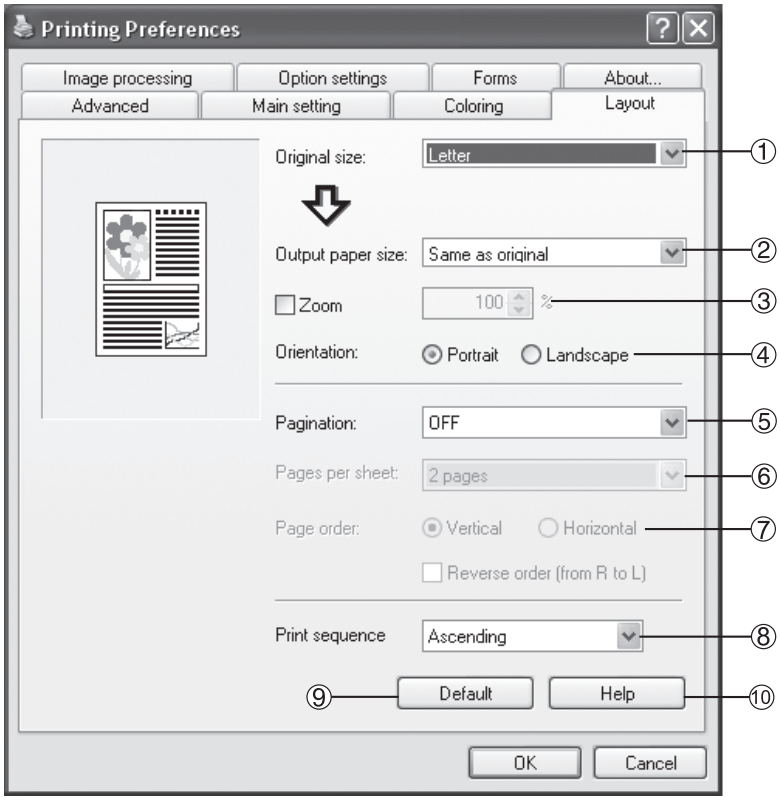
To confirm the latest status, the **[Controller IP address]** setting on the **[Environment]** tab is necessary.
Clicking the **[Refresh]** button makes the ink color information set in the printer show up in the printer driver. If the information is acquired, the ink color name is displayed in a pop-up on the cylinder (drum) icon for “Color (Cylinder/Drum)” in the printer driver.

Important!:

- When RISO PS7R Console monitoring is not operating, it is not refreshed.

Layout

Sets enlargement / reduction during printing and pagination.



Settings

1) Original size

Select the paper size specified by the application when creating an original.

2) Output paper size

The paper size is selected for printing.

3) Zoom

Sets the image enlargement / reduction during printing.

4) Orientation

The orientation for printing the original is selected.

5) Pagination

The type of pagination is selected.

6) Pages per sheet

The number of pages on each sheet of paper is selected.

7) Page order

The order of multiple pages per sheet is selected.

8) Print sequence

When the data for multiple pages is printed, this selects whether printing is done starting with the first page or starting with the last page.

9) Default

Resets the settings in the **[Layout]** tab to their initial values.

10) Help

Displays Help.

Original size

The size set for the paper in the application is set. The default is **[A4]**.
The following paper sizes can be selected.
A3 / A4 / A5 / B4 / B5 / B6 / Postcard / Foolscap / Legal / Letter / Statement / Custom / User Custom Size 1 -20 (*)
Sizes registered in advance in **[Controller setting 2]** under the RISO PS7R Console **[Administrator]** are displayed.

Tip:
When you frequently use irregular sizes, you can select them immediately from the pull-down menu if you register them in advance.
☞"Controller Setting 2" in the "RISO Controller PS7R-9000 / 5000 User's Guide for Console"
Registered paper sizes are also displayed under **[Output paper size]**. When specifying without registering, per form operations according to the following steps.

1) Select **[Custom]** under **[Original size]**, and click the **[Custom Paper Entry]** button.
2) Select **[Unit]** in the **[Custom Paper Entry]** dialog displayed.
3) Enter the paper size.
   Width: 90 mm - 297 mm
   Length: 148 mm - 432 mm
4) Close the printer driver screen.
5) Run the application for creating the original
6) Select **[PostScript Custom Size]** under **[Page Setup]** - **[Paper Size]**.
   The original size entered in step 3 shows up, and the appropriate size original can be created in the controller.

Normally, the application settings take priority, but when irregular sized originals are created, the steps for the operations are different from the normal ones since it is entered in the printer driver and RISO PS7R Console **[Original size]** for the controller in advance.

Note:
- The following margins are necessary for printing.

Top : 5 mm	Images outside of this are automatically cropped.
Bottom: 2 mm	
Left: 3 mm	
Right: 3 mm	

Output paper size

The paper size is selected for printing. The default is **[Same as original]**.
The following paper sizes can be selected.
Same as original /A3 / A4 / A5 / B4 / B5 / B6 / Postcard / Foolscap / Legal / Letter / Statement / Custom / User Custom Size 1 -20 (*)
Sizes registered in advance in **[Controller setting 2]** under the RISO PS7R Console **[Administrator]** are displayed.
When **[Zoom]** is **[OFF]** and the original size and the output paper size are different, enlargement / reduction are carried out automatically to fit the output paper size.
When you frequently use irregular sizes, or when you specify them each time, carry out the operations as in "Original size" above.

Zoom

Enlargement / reduction during printing are specified in %.
Enlargement / reduction can be specified from 50% - 200% if you click **[Zoom]** and check it.
In the default settings, Zoom is set to **[OFF]**. Enlargement / reduction are carried out automatically according the the output paper size for printing.

Note:

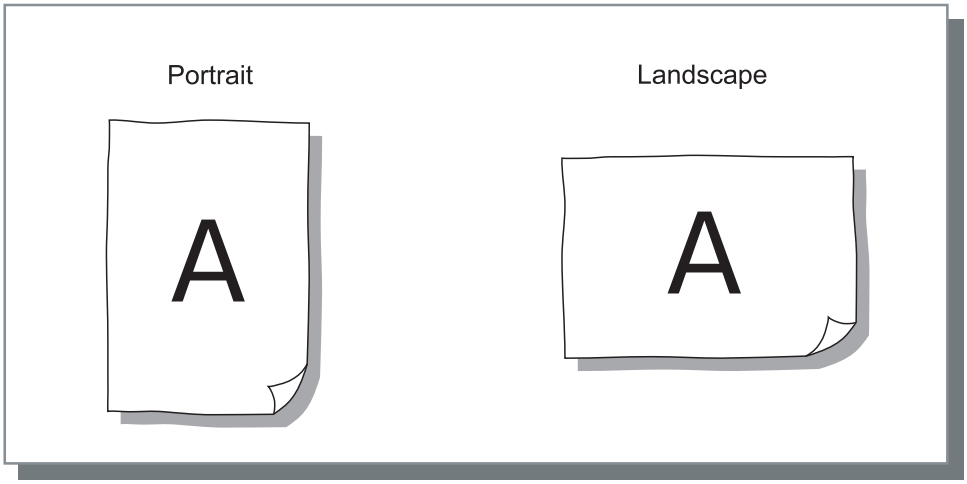
- When **[Pagination]** is set to anything other than **[OFF]**, Zoom cannot be used.

Orientation

The orientation for printing the original is selected. Select Portrait or Landscape according to the application settings. The default is **[Portrait]**.

Note:

- Depending on the application, the print orientation set in the application may not work with the setting in the printer driver for the controller. Confirm the orientation of the paper in the printer, and set the correct printing orientation in the printer driver.



Pagination

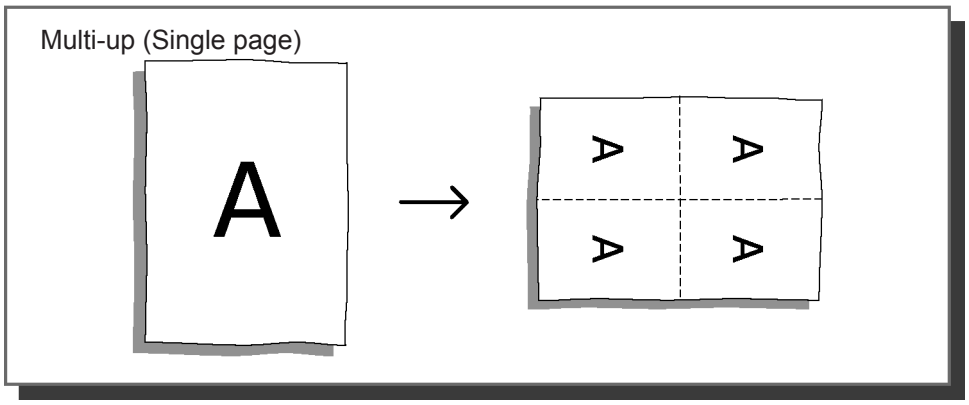
The type of pagination is selected.

Settings

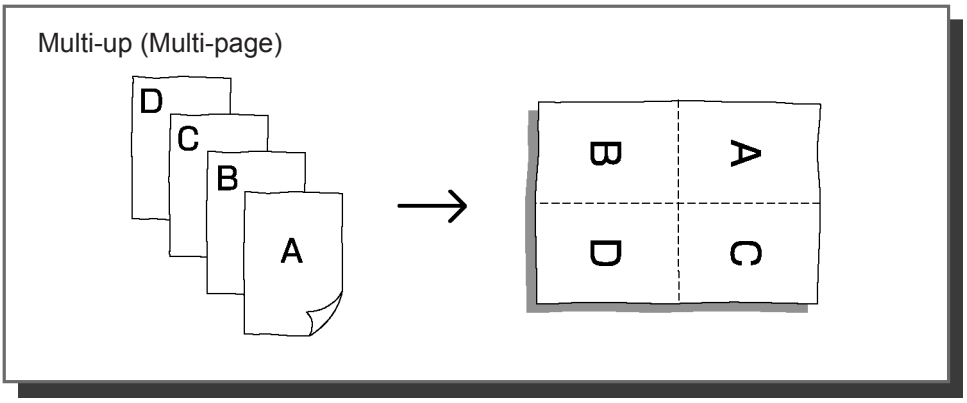
- OFF (default)
  No pagination.
- Multi-up (Single page)
  Multiple copies of the same page are arranged on one sheet of paper. The number of pages can be set using **[Pages per sheet]**.
- Multi-up (Multi-page)
  Multiple continuous pages are arranged in page order on one sheet of paper. The number of pages can be set using **[Pages per sheet]**. The order of the pages can be set using **[Page order]**.
- Booklet
  Pagination and printing so that multiple continuous pages can be center bound after duplex printing is carried out. Two pages are printed on each side of a sheet.
  Right opening / left opening can be set using **[Reverse order (from R to L)]** under **[Layout]**, **[Page order]**.

  Note:
  - If **[Booklet]** is selected, the **[Main setting]**-**[Layout]** is automatically set to **[Long edge binding]** or **[Short edge binding]**. If **[Layout]** is set to **[OFF]**, this setting will be **[OFF]**.
  - Pages without any data for printing will be empty.
  - The printing is done so that the first page (cover) is printed last.
- Fold
  Multiple continuous pages are folded and then folded again after duplex printing, then bound; when cut the pagination forms a printed booklet . Four pages are printed on each side of a sheet.
  Right opening / left opening can be set using **[Reverse order (from R to L)]** under **[Layout]**, **[Page order]**.

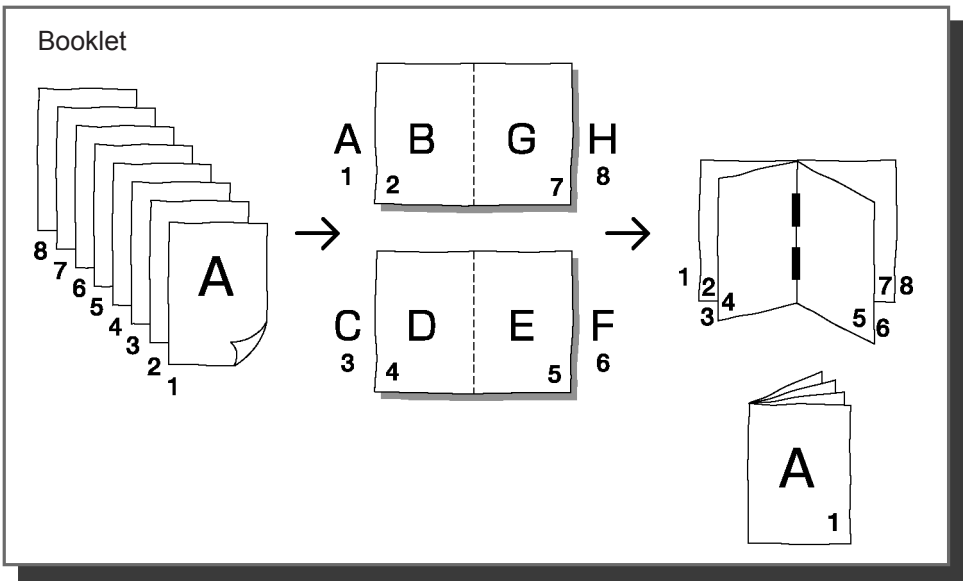
  Note:
  - If **[Booklet]** is selected, the **[Main setting] [Layout]** is automatically set to **[Long edge binding]** or **[Short edge binding]**. If **[Layout]** is set to **[OFF]**, this setting will be **[OFF]**.
  - Pages without any data for printing will be output in blank sheet.



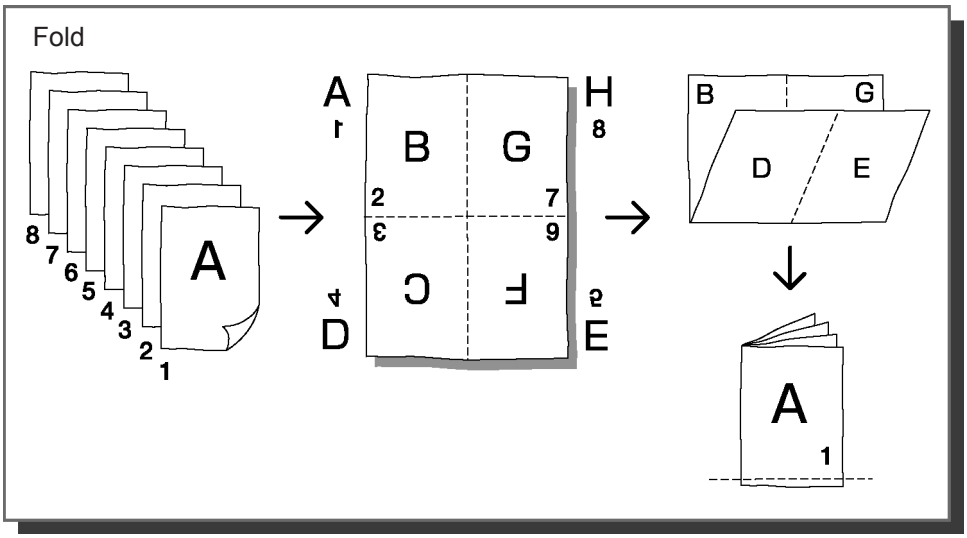
Multi-up (Multi-page)



Booklet



Fold



Pages per sheet

When **[Multi-up(Single page)]** or **[Multi-up(Multi-page)]** are selected in **[Pagination]**, the number of pages on one sheet are set.
2, 4, 8 or 16 pages/sheet can be selected. The default is 2 pages/sheet.

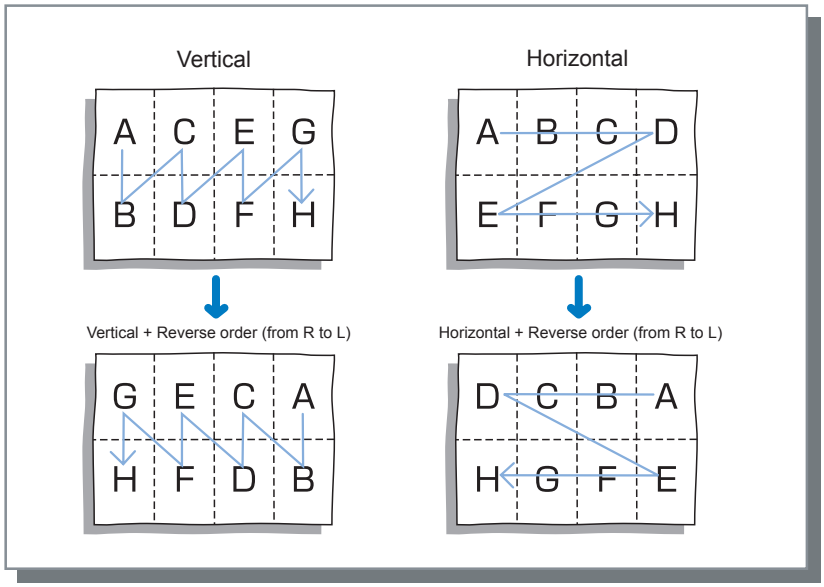
Note:
When **[Booklet]** or **[Fold]** is selected under **[Pagination]**, there is no need to select the pages per sheet. It is set automatically.

Page order

When **[Multi-up(Multi-page)]** is selected under **[Pagination]**, select the page arrangement.
When **[Booklet]** or **[Fold]** is selected under **[Pagination]**, there is no need to select the pages per sheet. When there is no checkmark for **[Reverse order (from R to L)]**, it is right opening, and when there is a checkmark, it is left opening.

Settings

- Vertical
  Pages are arranged vertically in order.
- Horizontal
  Pages are arranged horizontally in order.
- Reverse order (from R to L)
  Selects page flow orientation. When **[Booklet]** or **[Fold]** is selected under **[Pagination]**, there is no need to select the pages per sheet.



Print sequence

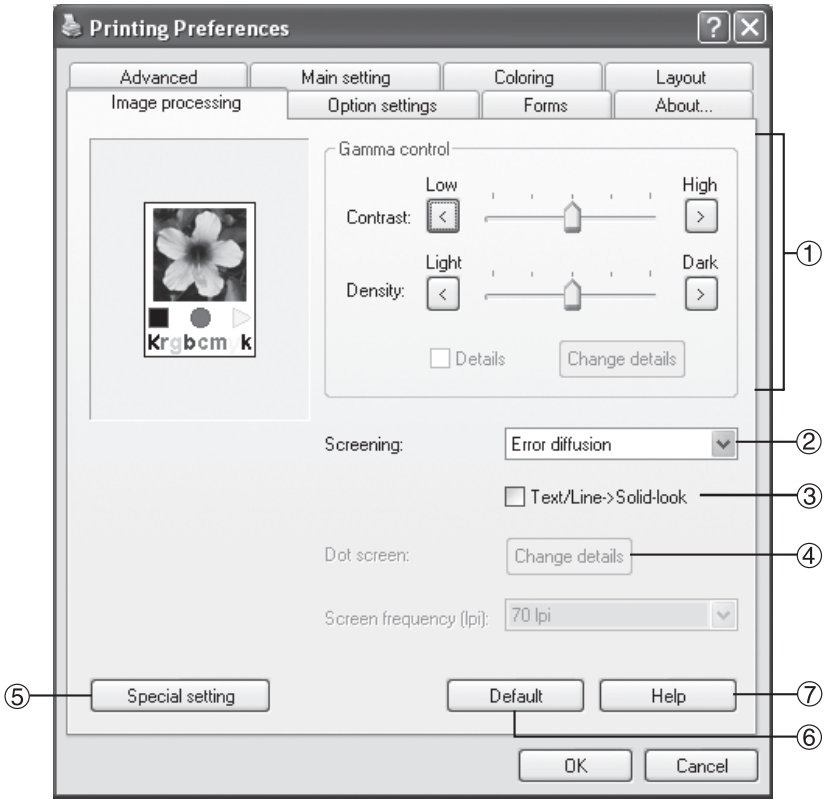
When the data for multiple pages is printed, this selects whether printing is done starting with the first page or starting with the last page.

Settings

- Ascending
  Prints in ascending order from the first page.
- Descending
  Prints in descending order from the last page.

Image Processing

The print quality for image elements for photo images and the like is adjusted.



Settings

1) Gamma control

The contrast and density are adjusted.

2) Screening

Selects half-tone processing.

3) Text/Line->Solid-look

Text and illustrations are given a solid look.

4) Dot screen

When **[Dot screen]** is selected under **[Screening]**, the screen frequency and the screen angle are set.

5) Special settings

Original orientation, print position and image quality are set.

6) Default

Resets the settings in the **[Image processing]** tab to their initial values.

7) Help

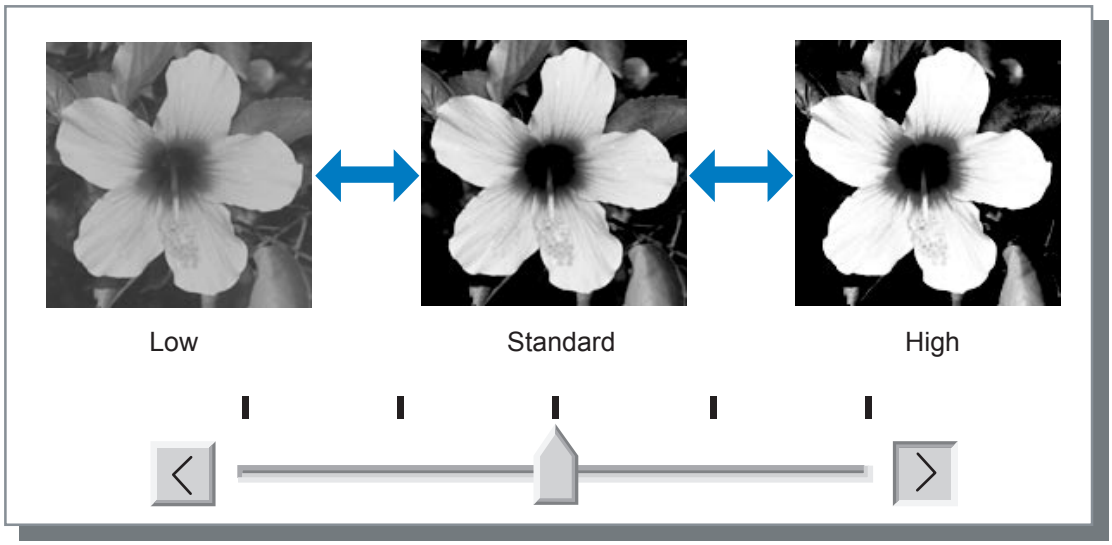
Displays Help.

Gamma control

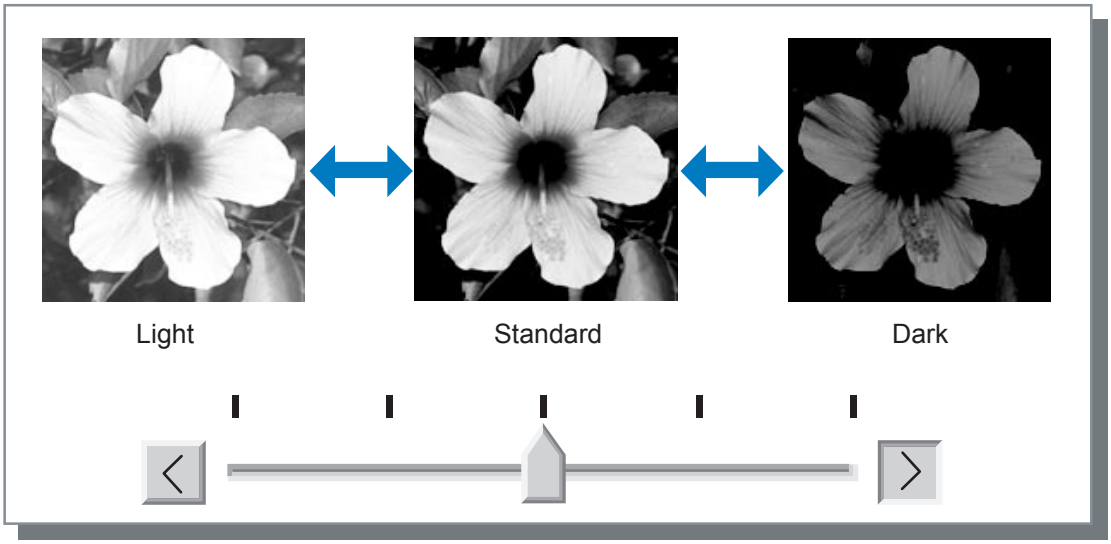
The contrast and density are adjusted.

Settings

- Contrast
  Image contrast (ratio of brightness and darkness) is adjusted in five gradations. If contrast is increased, the difference between the bright parts and the dark parts is increased, and a sharper image is produced. If it is decreased, the bright/dark difference decreases, and the image becomes grayish overall. The default is standard (middle).



- Density
  Image density is adjusted in five gradations. The default is standard (middle).



Screening

“Screening” is the setting for enabling/disabling half-tone processing and line smoothing.

Half-tone

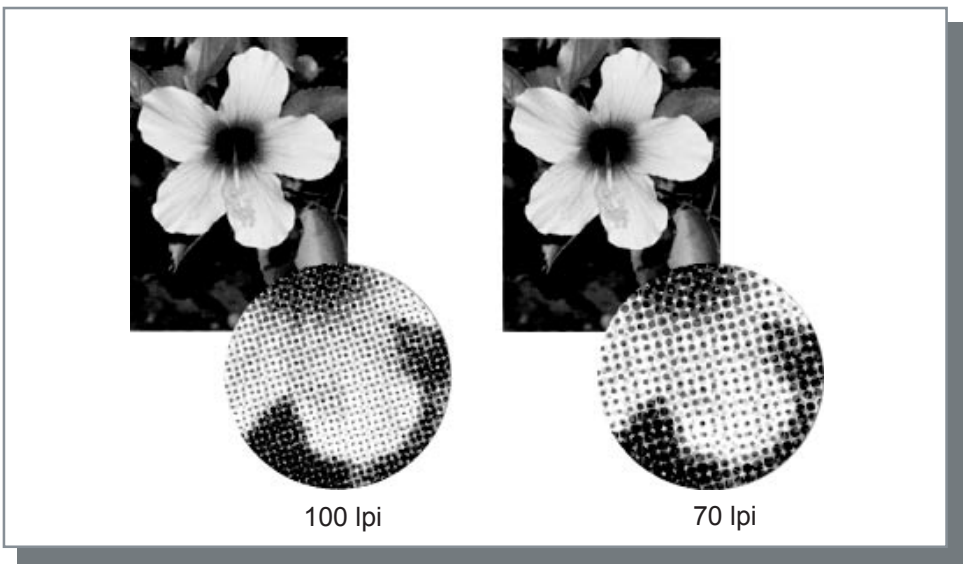
“Half-tone” is processing method to represent continuous gradations by changing the density and size of ink dots.

Available Processing Methods

Two different half-tone processing methods can be selected.

- Error diffusion (default)
  Gradations are represented by dot density. The greater the density, the darker the image, and the lower the density, the fainter the image is.

- Dot screen
  Gradations are represented by changing dot size. If the dots are larger, it is denser, and if they are smaller, it is fainter. If **[Dot screen]** is selected, **[Screen frequency (lpi)]** and **[Screen angle (degrees)]** can be set.



Text/Line->Solid-look

Text and illustrations are all given a solid look. This is checked when you want to give text and illustrations a distinct look. Differences in text colors cannot be represented.
The default is OFF.

Dot screen: Change details

When **[Dot screen]** is selected under **[Screening]**, the screen frequency and the screen angle can be set.

Note:

- When dual-color printing is set, the screen frequency and screen angle can be set for each cylinder (drum) (blue and black/red).

Settings

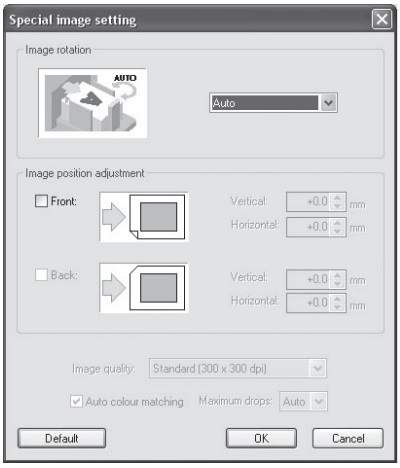
- Screen frequency (lpi)
  Sets the fineness of the screening. Screen frequencies can be set in a range of 20 - 100 lpi.
  The default is 71 lpi.
- Screen angle (degrees)
  Sets the orientation of the screening using an angle. Adjust this when a Moire pattern appears. Screen angles can be set in a range of 0 - 90 degrees.

  Note:

  - When Dual-color Printing is selected, the defaults for red cylinder (drum) screen angle and the blue and black screen angle are +45 degrees.

Special settings

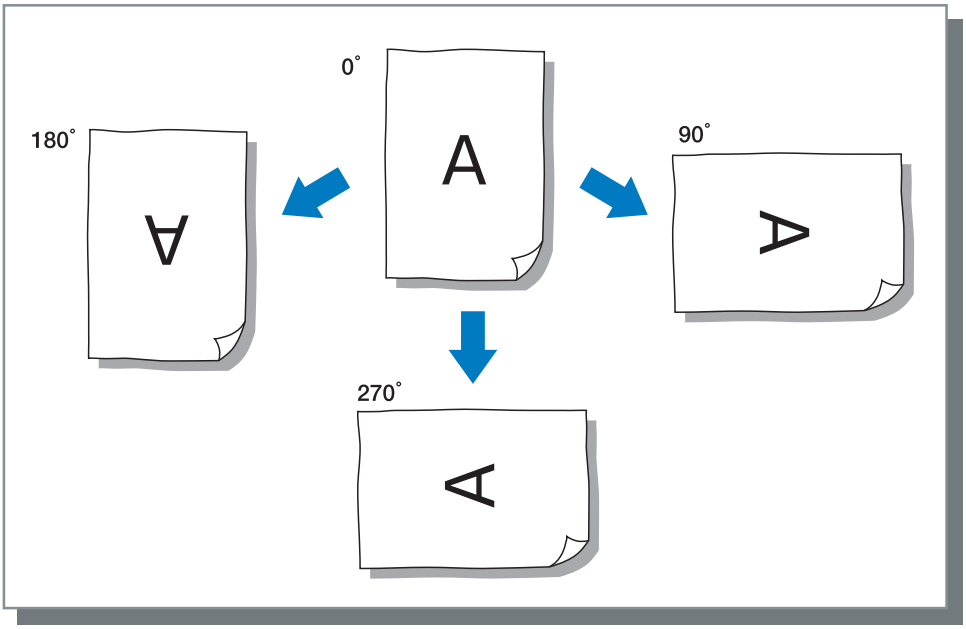
The orientation of the original and the print position are adjusted.



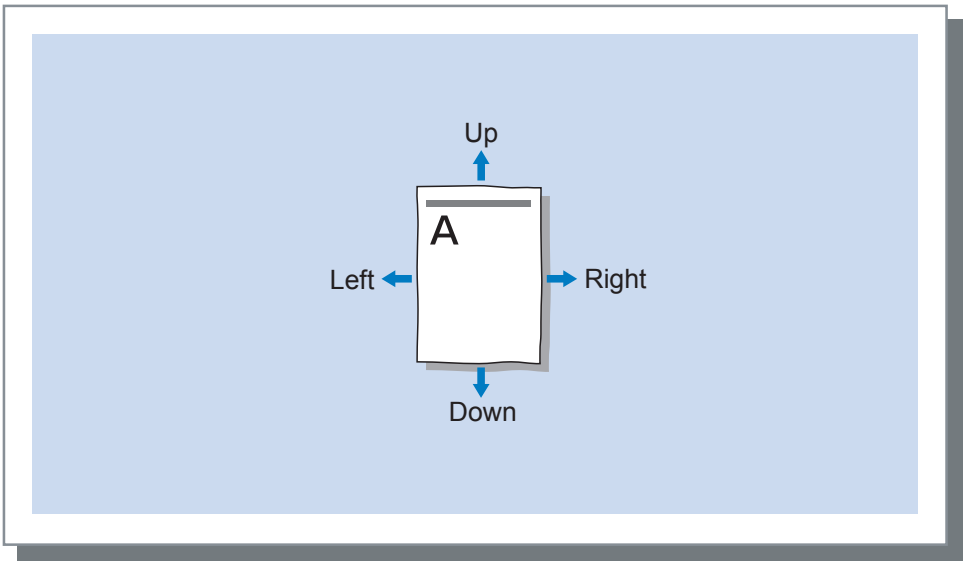
Settings

- Image rotation
  The orientation for the original versus the paper is set. Auto / 0 deg. / 90 deg. / 180 deg. and 270 deg. can be selected. When **[Auto]** is selected, the orientation of the original set by the data and the orientation of the tray supplying the paper are matched, and the print orientation for the original is set automatically.
  The default is **[Auto]**.

  Important!:
  When this setting is selected, images may not fit into the paper because of the the original size, the size of the paper set in the tray and the orientation settings, and they may be cut off in printing.

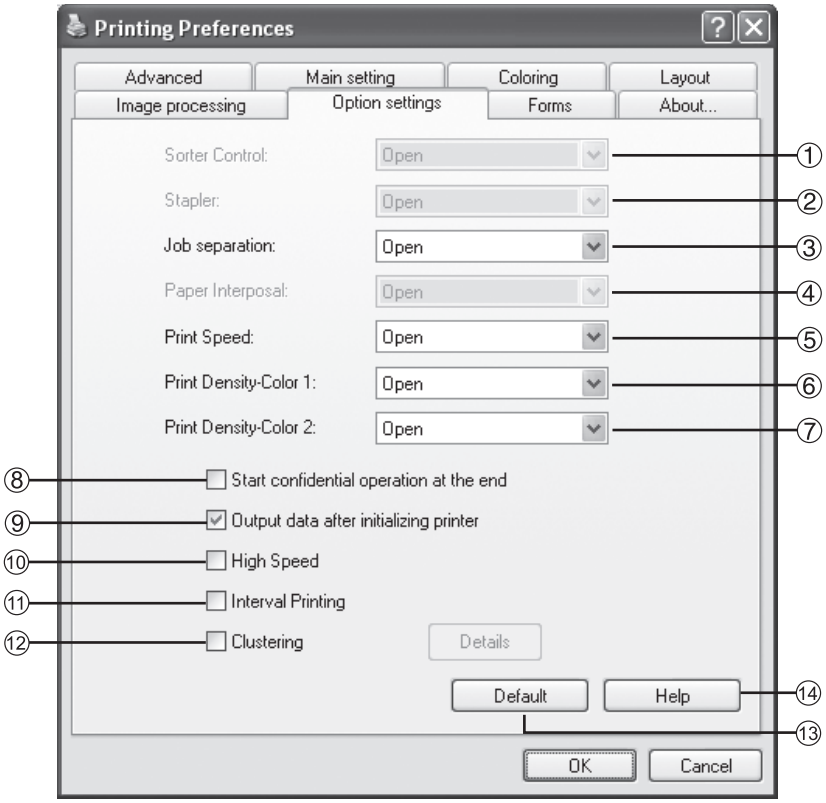


- Image position adjustment
  The print position of the original is adjusted. Vertical: +/- 15 mm, Horizontal: +/- 10 mm, in 0.5 mm units are possible. Only the front can be adjusted.



Option Settings

Job separation, Print density, Clustering etc. are set.



Settings

1) Sorter Control

2) Stapler

3) Job separation

4) Paper Interposal

5) Print Speed

6) Print Density-Color 1

7) Print Density-Color 2

8) Start confidential operation at the end

9) Output data after initializing printer

10) High speed

11) Interval Printing

12) Clustering

This is splitting a job and distributing the job to other printer controllers on the network, so printer processing can be more efficient.

13) Default

Resets the settings on the **[Option settings]** tab to their initial values.

14) Help

Displays Help.

Sorter Control

When you have installed and are using a sorter (option) on the printer, sorter operations can be set. The sorter operates as follows according to each of the items selected in the pull-down menu.

Settings

- Sort
  Separate by page, and output each printout to a different bin. When the total number of pages for a job exceeds the number of bins in the sorter, the ones that exceed the number are output to the unsorted tray.
- Group
  Collect in groups, and output the printouts to different bins. Printouts of the same page are output to one bin.
- Stack
  When you want to have sufficient drying time for each printout, select this. When the total number of pages for a job exceeds the number of bins in the sorter, it starts again from the first bin and outputs in order.
- Unsorted
  The sorter is not used.

Stapler

If a sorter (option) equipped with a stapler is installed and used, you can set whether or not to stable the printouts and set the stapling position for the printouts.

Note:

- If Stapler is specified, the orientation of the printout is rotated automatically according to the stapler position setting to match the printout position and the staple position.
- When both **[Sorter Control]** and **[Stapler]** are specified in the output settings, operations are carried out according to the output settings specified when printing is done.

Job separation

The tape introduction timing can be set with a Job separator connected to the printer.
[Job separation] is displayed when **[Job separator]** is checked on the **[Environment]** tab.

Settings

- Open: follows printer settings.
- OFF: no tape insertion.
- Between jobs: tape is inserted between jobs.
- Between Pages: tape is inserted between pages.

Note:

- See the instruction manual for the Job separator for the functions and operation of the Job separator.

Paper Interposal (When equipped with Multi tray paper feeder)

During printing, a sheet of paper different from the paper for printing can be inserted as a separator. The insertion timing interposed paper is set here. The tray used for the interposal paper must be set in advance.

Settings

- Open: follows printer settings.
- OFF: no interposal paper.
- Between jobs: interposal paper is inserted between jobs.
- Between Pages: interposal paper is inserted between pages.

Note:

- The interposal paper is inserted after being printed. In order to distinguish the ordinary paper from the interposal paper effectively we recommend using the colored paper for interposal paper.

Print Speed

The printer print speed is adjusted in five gradations.
When **[Open]** is selected, printing is done with the printer settings.

Print Density-Color 1 / Print Density-Color 2

The printer print density is adjusted in five gradations.
When **[Open]** is selected, print jobs are printed with the printer setting for density.
When using **[Dual-color Print]** (☞p.49), set the print density for Color 1 (Print Density-Color 1) and Color 2 (Print Density-Color 2), respectively.

Start confidential operation at the end

After making a master and printing for all pages, the master created is discarded at the end and an new master is set up. When you do not want the next user of the printer to know the content printed, this should be set.

Output data after initializing printer

The printer settings are reset before the document data is sent to the printer.
Basically, it is recommended that you have this checked.

High speed

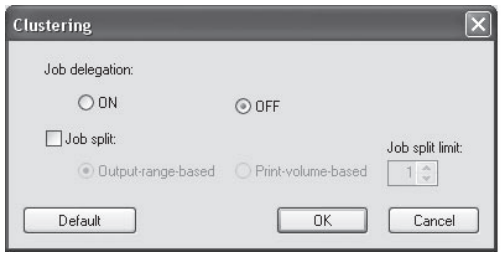
The RISO printer prints at high speed. The speed will vary according to the RISO printer.

Interval Printing

An interval for outputting paper is opened by interposing empty turns of the cylinder (drum) during printing, and it makes it easier to avoid offsetting the printing paper.

Clustering

When processing large-volume jobs, large numbers of copies or printouts with large numbers of pages, print processing can be made more efficient by splitting jobs and distributing them to other RISO PS7R Controllers on the network.
Clicking the **[Details]** button displays the **[Clustering]** screen.
When the amount of data is large, printing is smoother with split processing.



Settings

- Job delegation
  When multiple RISO PS7R Controllers are connected to the network, each of them can carry out job delegation.
  When Job delegation is ON and a new job is received while one job is being processed, the list of registered controllers is searched in order, and the new job is sent to be printed to a RISO PS7R Controller that is present.
  The default is **[OFF]**.

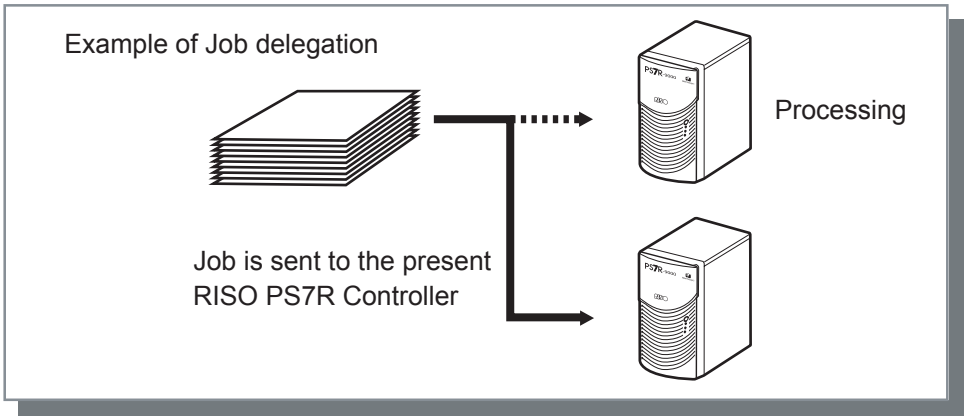
  Note:

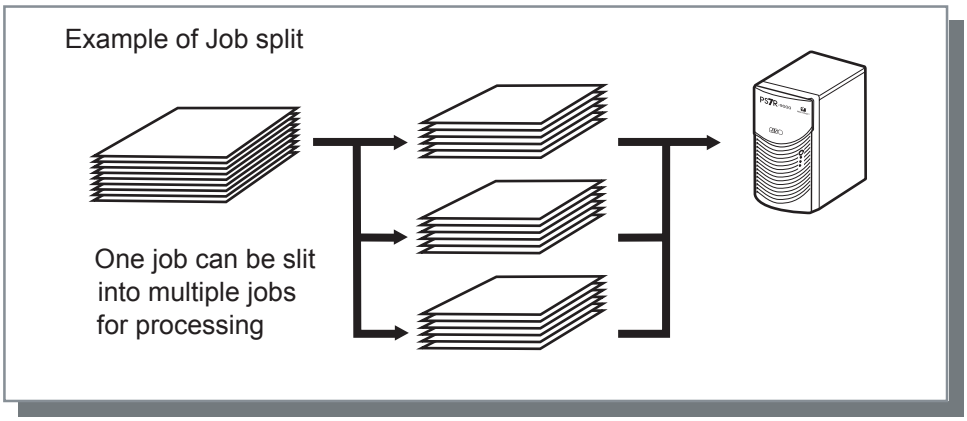
  - Controller registration is carried out using **[Clustering]** on **[Controller settings]** under the RISO PS7R Console **[Administrator]**.
    ☞"Clustering" in the "RISO Controller PS7R-9000 / 5000 User's Guide for Console"

- Job split
  When jobs with large numbers of pages or a large number of copies are being processed, the one job can be split into multiple jobs.
  The printer load for each job is reduced.

  – Output-range-based
    With **[Job split limit]**, the number of pages for starting the split is set.
  – Print-volume-based
    With **[Job split limit]**, the number of copies for starting the split is set.
    The default is **[OFF]**.

- Job split limit
  The conditions for splitting the job are set. If jobs exceeding the number of pages or number of copies specified here are printed, they are split.





Example of Job split processing

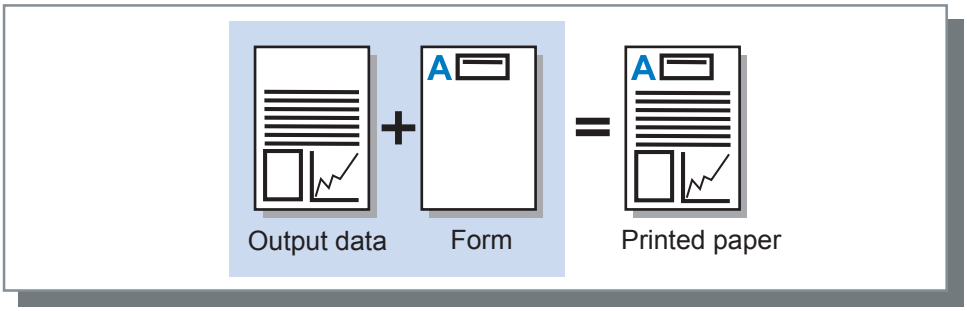
The job split limit is set to **[Output-range-based]** at **[100 (pages)]**, and the example is of printing a job with 240 pages.
When the job split limit is set to **[1]**, there is no splitting, and the job is processed as a 240 page job.
When the job split is set to **[Output-range-based]**, the job is split and processed as three jobs of 100 pages, 100 pages and 40 pages.

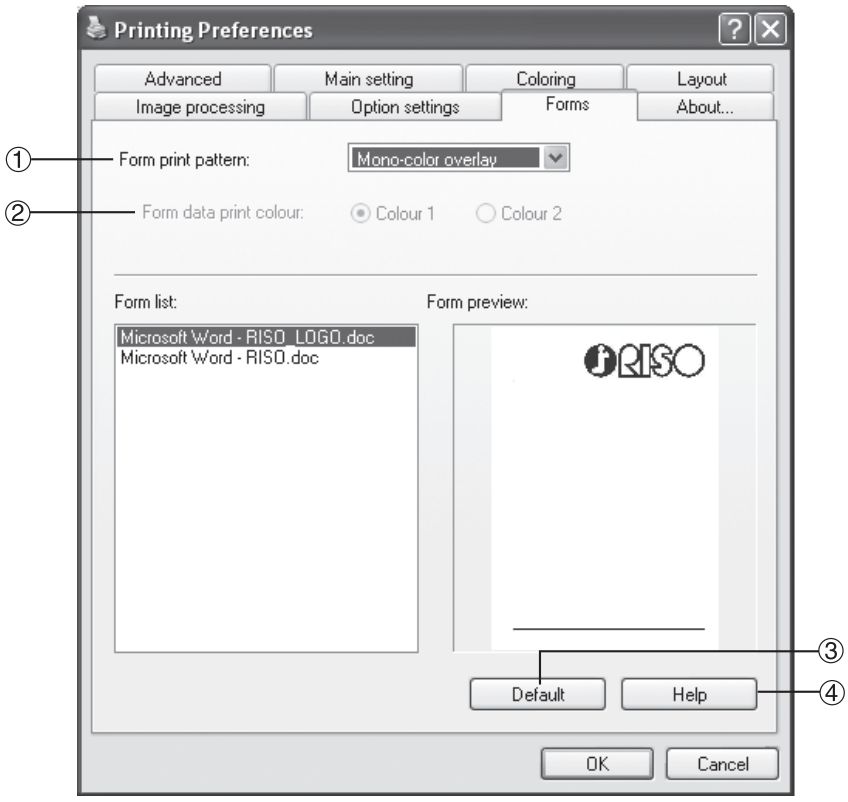
Forms

Forms registered in the controller can be, selected, combined with output data and printed.

Note:

- Form registration
  Form data is created in advance, and registered in the controller by selecting **[Forms]** under **[Main settings]**-**[Output mode]**. The file names for registered forms are displayed in the **[Form list]**.
  “Form registration” ☞p.70
- Forms and overlay output data cannot be registered in storage.





Settings

1) Form print pattern
Sets the form print pattern.

2) Form data print color
Sets the cylinder (drum) for printing the form when 2-color overlay is selected.

3) Default
Resets the settings in the **[Forms]** tab to their initial values.

4) Help
Displays Help.

Information about forms displayed

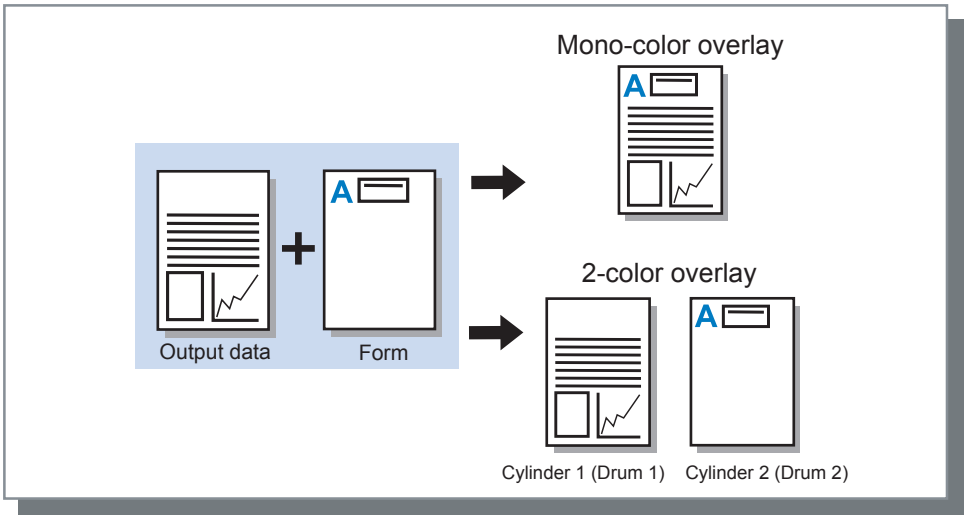
- Form list
  Displays the form files registered in the controller.
- Form preview
  Displays a preview of the selected form.

Form Print Pattern

Sets the form print pattern.

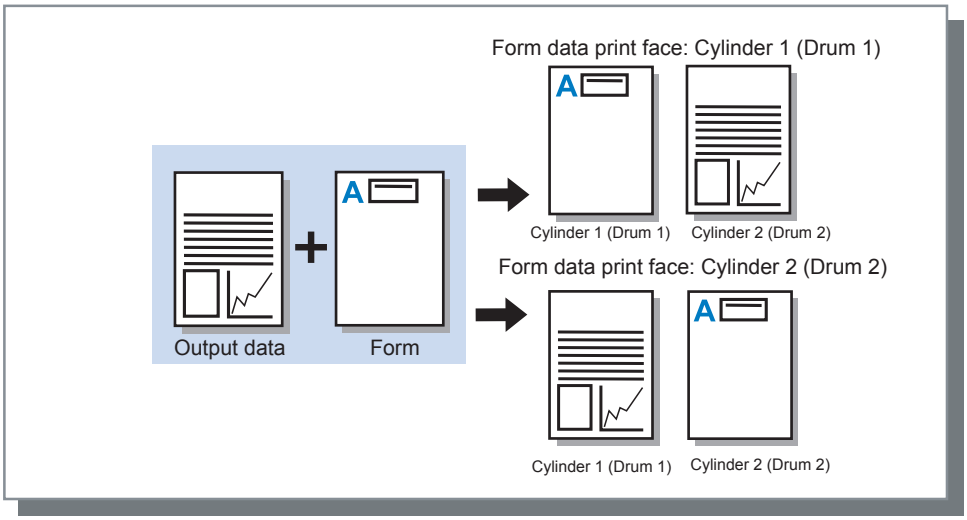
Settings

- OFF
  Form is not printed.
- Mono-color overlay
  Output data is overlaid on the form and printed in one color.
- 2-color overlay
  The different cylinders (drums) are specified for the output data and form for printing.
  Also select **[Form data print color]** when this mode is selected.



Form data print color

When **[2-color overlay]** is selected under **[Form print pattern]**, set the form data to be printed by cylinder (drum) 1 or cylinder (drum) 2. The default is **[Color 2]**.



Form registration

The forms you use must be created on your computer and registered in the controller in advance.

Note:

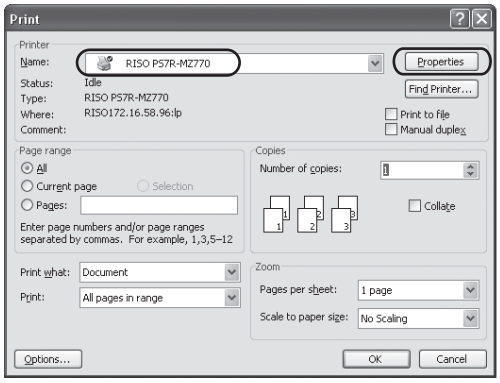
- When multiple page data is registered as a form, all of the pages are registered, but only the first page is printed as form data. The rest of the pages do not show up in the printing.
- When the form data paper size and the paper size for printing are different, the form data is enlarged or reduced to the paper size.

1 Create the data for forms on a computer.

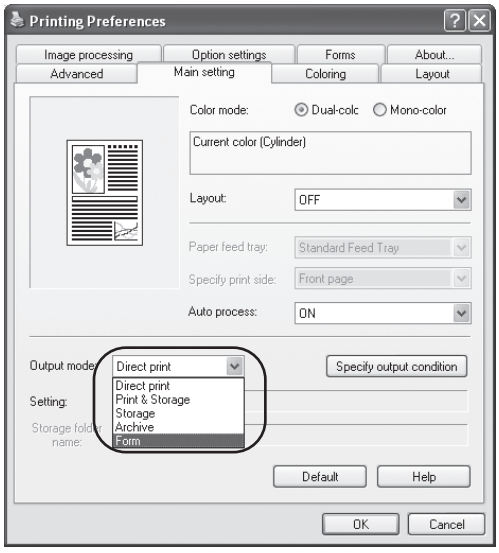
2 Display the [Print] dialog box.

Select **[Print]** from the **[File]** menu in the application.

3 Confirm the printer name, and click the [Properties] button.



4 Select [Form] under [Output mode] in the [Main setting] dialog box.



5 Click the [OK] button.

Returns to the **[Print]** dialog box.

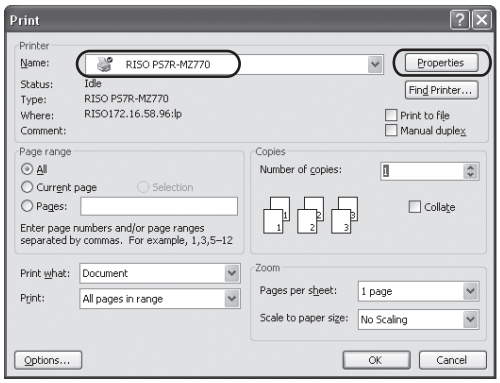
6 Click the [OK] button.

The data is sent to the controller and registered as a form.
The registered data can now be selected from the **[Form list]** on the **[Forms]** tab.

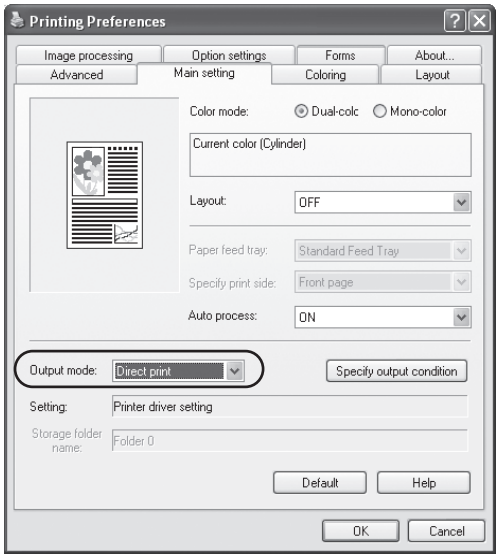
Form Printing

1 **Create the form and the overlay output data, and select [Print] from the [File] menu in the application.**

2 **Confirm the printer name, and click the [Properties] button.**

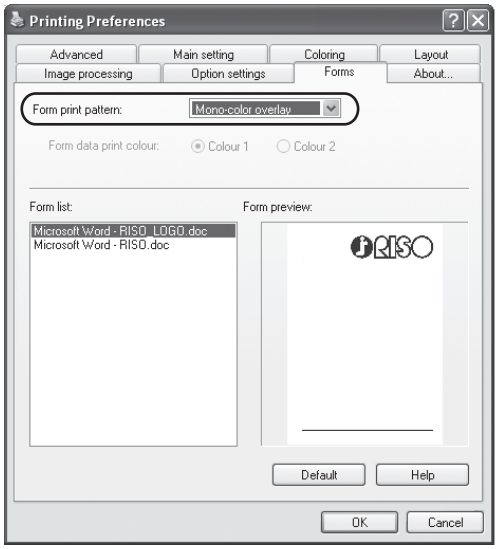


3 **Select [Direct print] under [Output mode] in the [Main setting] tab.**



4 **Set the print conditions such as [Original image] and [Paper type].**

5 **Select [Form print pattern] on the [Forms] tab.**



6 **Select the form to be printed in the [Form list].**

You can confirm the content displayed in the preview area.

7 **Click the [OK] button.**

Returns to the step 1 screen.

8 **Click the [OK] button.**

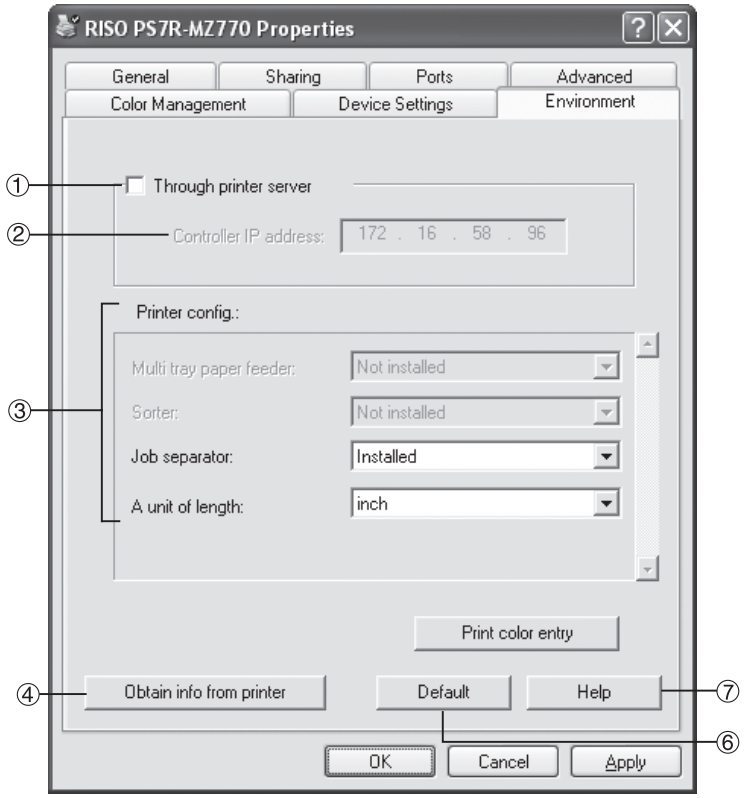
The output data and the form are overlaid and sent to the controller.

Note:

- When printing using forms, printing by methods other than Direct print is unavailable.
- Forms and overlay data cannot be stored.

Environment

The IP address for the controller can be assigned, and the configuration of the options connected to the RISO printer can be confirmed.
For Windows 2000 / XP, select **[Start]** - **[Printers and Faxes]**, and you can open and display the **[Properties]** for the RISO printers that are connected.
For Mac OS 9 / X, the **[Environment]** tab of the printer driver settings screen is displayed.



Settings

1) Through printer server

Sets whether or not printing will be done through a printer server.

Note:

- This can only be set in Windows 2000 / XP.

2) Controller IP address

This setting specifies the IP address for the controller.

Note:

- Windows 2000 / XP: does not normally need to be set. This is set when the controller is to be used as a shared printer.
- Mac OS 9 / X: always make this setting. If this is set, it is possible to use settings such as ink color information acquisition, form printing and output settings.

3) Printer config.

The options connected to the printer and the types of these options are displayed. These can also be set manually.

4) Obtain info from printer

Option configuration information is obtained from the printer. The information obtained is displayed in **[Printer config.]**.

Note:

- This can be clicked when the **[Controller IP address]** has been set and there is normal communication with the RISO printer.

5) Make this setting default

The current settings are saved as the default settings.

Note:

- This is only displayed for Mac OS 9 / Mac OS X.

6) Default

Resets the settings in the **[Environment]** tab to their initial values.

7) Help

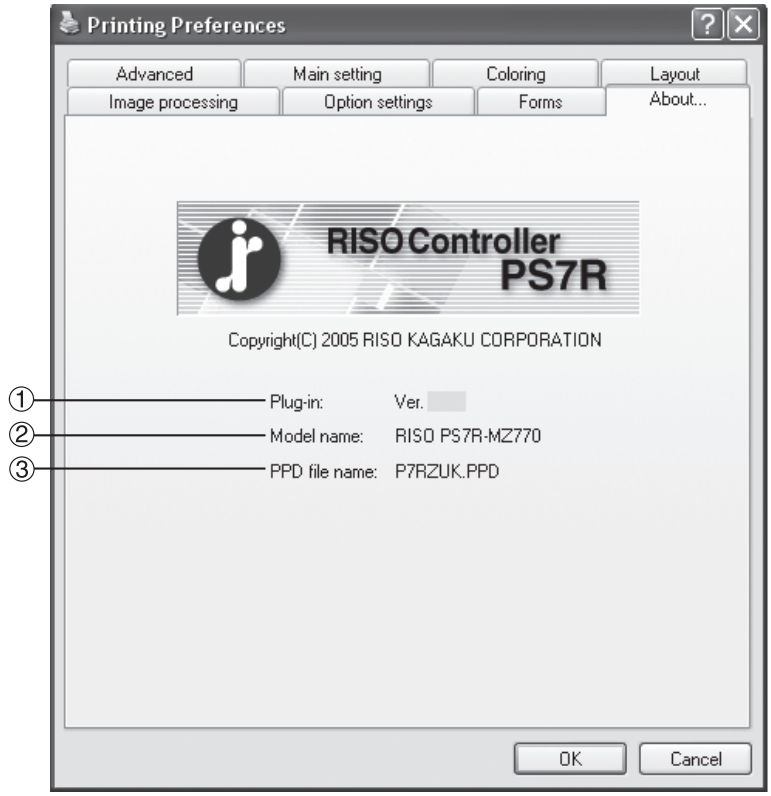
Displays Help.

Printer Config. Settings

- Multi tray paper feeder
  Select whether Multi tray paper feeder is installed or not.
  When it is set to **[Not Installed]**, only the Standard Feed Tray can be used.
- Sorter
  Select whether sorter (option) is installed or not.
- Job separator
  Select whether ST sorter (option) is installed or not.
- Print color entry
  Register the colors for the cylinders (drums) you have.
  The ink colors registered here are displayed in the **[Coloring]** tab (☞p.48) **[Color label]** or the **[Color 1]** and **[Color 2]** pull-down menus.
  1) Clicking **[Print color entry]** displays the **[Print Color Entry]** dialog box.
  2) Select the colors for the cylinder (drum) which you have from the **[Color List]** in the **[Print Color Entry]** dialog box and click the **[Add]** button.
  3) Click the **[OK]** button.
- A unit of length
  Select the unit for displaying measurements to metric or inches.

Version Information

The version of the printer driver installed on the computer can be confirmed.



Display

1) Plug-in Version

This is the plug-in version.

2) Model name

This is the model name for the controller and RISO printer.

3) PPD file name

This is the name of the PPD file installed on the computer.

Troubleshooting

This describes how to handle problems during the printer driver and utility installation and problems when printing.

Problems during Installation

Problem	Cause and Solution
Cannot install the RISO IP Setting Tool.	• Installation does not start even if the CD-ROM is inserted in the computer. The computer model or settings may not allow installation auto start.
The RISO IP Setting Tool does not operate normally.	• The RISO IP Setting Tool is not properly installed. See the pages below and reinstall the RISO IP Setting Tool. - Windows ☞p.8 - Mac OS 9 ☞p.18 - Mac OS X ☞p.28 • The RISO IP Setting Tool starts, but the printer information is not displayed. – Click on the **[Search]** icon, and refresh the display information. – Confirm that the power is ON for the controller and printer. – Confirm that the controller and computer and the controller and printer are connected correctly. “Computer Connections” ☞p.5
Cannot install the printer driver.	• The controller IP address has not been set. See the following pages and assign an IP address to the controller. - Windows ☞p.10 - Mac OS 9 ☞p.20 - Mac OS X ☞p.30 • Incorrect IP address is set (Windows only) The IP address entered when the printer driver was installed is incorrect. Enter the correct IP address. ☞p.12

Problems When Printing

Problem	Cause and Solution
• Printing takes time. • Printing cannot be done with the print conditions that have been set. • RISO printer repeats the master making process for the same page.	A checkmark is in “Collate” in the application **[Print]** dialog box. Remove the checkmark from **[Collate]** in the application **[Print]** dialog box.
For Macintosh users: • Printing takes time. • Printing cannot be done with the print conditions that have been set.	A checkmark is in **[Fold]** in the application **[Print]** dialog box. Remove the checkmark from **[Fold]** in the application **[Print]** dialog box.
Pagination order differs from the intended order.	The original data and printer driver **[Orientation]** do not match. Set the **[Orientation]** for the original data created by the application and **[Orientation]** on the **[Layout]** tab on the printer driver screen to the same orientation.
When printing a multi-page original, there are pages that are not of the correct size.	There are multiple paper sizes in one set of original data. When there are multiple paper sizes in the original data being printed, all pages are printed in the paper size for the first page. Therefore, the pages that differ from the paper size for the first page may be missing images and not print properly in other ways.
If a multi-page (sheet) original is printed from Excel with collation, it is collated by page (sheet).	When the original was created, the printer driver was not set to “RISO PS7R-XXXX (printer name)”. When creating a multi-page (sheet) original, select “RISO PS7R-XXXX (printer name)” first. The Paper Size and the output settings for the first page are applied for the remaining pages. When a multi-page (sheet) original is created with another printer driver selected, set **[Print quality]** to “300 dpi” for all pages (sheets) on the **[Page Setup]** screen in the application (Excel).
Images are not rotated.	When printing landscape original data from Acrobat® or Adobe® Reader, put a checkmark in **[Auto-Rotate and Center]** in the print dialog box.
Images are not enlarged or reduced.	There is a checkmark in **[Enlarge / reduce images to fit paper]** in the **[Print]** dialog box. Remove the checkmark from **[Enlarge / reduce images to fit paper]** in the **[Print]** dialog box in Acrobat® or Adobe® Reader. Set **[Zoom]** with **[Zoom]** on the printer driver screen **[Layout]** tab.
Printed size is different from the specified size.	The paper size for the original data and the output paper size in the printer driver do not match. Always match the original data paper size created in the application and the **[Output paper size]** on the printer driver screen **[Layout]** tab.

Tip:
The items that can be set will vary according to your operating system and application. Also refer to the Help for the various screens and the Read Me file.

Other Problems

Problem	Cause and Solution
• Printing is not in normal page order. • More copies that was set are output.	A checkmark is in “Collate” in the application **[Print]** dialog box. Remove the checkmark in the application **[Print]** dialog box.
Even though output volume (number of sheets) was set, only one copy (sheet) printed.	Proof copy printing is set. Since Auto process is set in the **[Main setting]** tab on the printer driver screen, printing pauses after one sheet is printed. When you want to continue printing, press the Start button on the operating panel. “Auto process” ☞p.45
The print orientation is automatically rotated.	Automatic rotation may be done by the application software. When the image rotation angle is “0” in the **[Special settings]** on the printer driver screen **[Layout]** tab, the orientation output by the application is used. Specify the image rotation angle if you find these print results. “Image rotation” ☞p.60
Printed font that is different from the specified font.	A font that in not installed in the controller is being used. Fonts that are not installed in the controller are automatically replaced by fonts that are installed.
Part of the printout is missing.	The **[Paper size]** on the printer driver screen does not match the “paper size” set in the printer. Make the **[Paper size]** setting on the printer driver screen and the **[Paper size]** setting set in the printer the same.
	An inappropriate scaling is specified for enlargement / reduction. The Zoom specification on the printer driver screen **[Layout]** tab is not correct. Specify the correct scaling. “Zoom” ☞p.53
Master-making process is not started even when data is sent from the computer.	The **[Auto process]** setting is set to **[Semi-Auto (Print)]** or **[Manual]**. Press the “Start” button on the RISO printer to start printer operation.

Appendix

Font list

PS7R PS Font List Page 1

Courier	The quick brown fox jumps over the lazy dog
AdobeSerifMM	The quick brown fox jumps over the lazy dog
ArialMT	The quick brown fox jumps over the lazy dog
AntiqueOlive-Compact	**The quick brown fox jumps over the lazy dog**
Apple-Chancery	*The quick brown fox jumps over the lazy dog*
Arial-BoldMT	**The quick brown fox jumps over the lazy dog**
Bodoni	The quick brown fox jumps over the lazy dog
AvantGarde-BookOblique	*The quick brown fox jumps over the lazy dog*
AlbertusMT-Italic	*The quick brown fox jumps over the lazy dog*
AdobeSansMM	The quick brown fox jumps over the lazy dog
AlbertusMT-Light	The quick brown fox jumps over the lazy dog
AlbertusMT	**The quick brown fox jumps over the lazy dog**
AvantGarde-Book	The quick brown fox jumps over the lazy dog
Bodoni-Bold	**The quick brown fox jumps over the lazy dog**
Clarendon-Bold	**The quick brown fox jumps over the lazy dog**
Carta	©ℒ★ ♙♘◯◒✠ ✦✪◯ℜ❄ ⛪◯✪ ✈◯◒◇✐ ◯✂★✪ ◉ℒ★ □✂𝒾◒ ▲◯𝒾
AvantGarde-DemiOblique	*The quick brown fox jumps over the lazy dog*
AntiqueOlive-Bold	**The quick brown fox jumps over the lazy dog**
Bodoni-PosterCompressed	The quick brown fox jumps over the lazy dog
AntiqueOlive-Italic	*The quick brown fox jumps over the lazy dog*
AntiqueOlive-Roman	The quick brown fox jumps over the lazy dog
Arial-BoldItalicMT	***The quick brown fox jumps over the lazy dog***
Arial-ItalicMT	*The quick brown fox jumps over the lazy dog*
AvantGarde-Demi	**The quick brown fox jumps over the lazy dog**
Bodoni-Italic	*The quick brown fox jumps over the lazy dog*
Bodoni-Poster	**The quick brown fox jumps over the lazy dog**
Chicago	**The quick brown fox jumps over the lazy dog**
Copperplate-ThirtyThreeBC	THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG
Bodoni-BoldItalic	***The quick brown fox jumps over the lazy dog***
Clarendon-Light	The quick brown fox jumps over the lazy dog
Eurostile-BoldExtendedTwo	**The quick brown fox jumps over the lazy dog**
Bookman-DemiItalic	***The quick brown fox jumps over the lazy dog***
Bookman-LightItalic	*The quick brown fox jumps over the lazy dog*
Bookman-Demi	**The quick brown fox jumps over the lazy dog**
CooperBlack-Italic	***The quick brown fox jumps over the lazy dog***
Bookman-Light	The quick brown fox jumps over the lazy dog
Clarendon	**The quick brown fox jumps over the lazy dog**
Coronet-Regular	*The quick brown fox jumps over the lazy dog*
Courier-Bold	**The quick brown fox jumps over the lazy dog**
Geneva	The quick brown fox jumps over the lazy dog
GillSans-Italic	*The quick brown fox jumps over the lazy dog*
CooperBlack	**The quick brown fox jumps over the lazy dog**
Goudy-ExtraBold	**The quick brown fox jumps over the lazy dog**
Goudy	The quick brown fox jumps over the lazy dog
Copperplate-ThirtyTwoBC	THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG
Helvetica-Narrow-BoldOblique	***The quick brown fox jumps over the lazy dog***
Eurostile-ExtendedTwo	The quick brown fox jumps over the lazy dog
Helvetica-Condensed-Bold	**The quick brown fox jumps over the lazy dog**
Courier-BoldOblique	***The quick brown fox jumps over the lazy dog***
Courier-Oblique	*The quick brown fox jumps over the lazy dog*
Eurostile	The quick brown fox jumps over the lazy dog
Eurostile-Bold	**The quick brown fox jumps over the lazy dog**
GillSans	The quick brown fox jumps over the lazy dog
GillSans-Bold	**The quick brown fox jumps over the lazy dog**
HoeflerText-Black	**The quick brown fox jumps over the lazy dog**

PS7R PS Font List Page 2

JoannaMT	The quick brown fox jumps over the lazy dog
Helvetica-Condensed-BoldObl	***The quick brown fox jumps over the lazy dog***
GillSans-BoldCondensed	**The quick brown fox jumps over the lazy dog**
GillSans-LightItalic	*The quick brown fox jumps over the lazy dog*
GillSans-BoldItalic	***The quick brown fox jumps over the lazy dog***
GillSans-Condensed	The quick brown fox jumps over the lazy dog
GillSans-Light	The quick brown fox jumps over the lazy dog
GillSans-ExtraBold	**The quick brown fox jumps over the lazy dog**
Goudy-Bold	The quick brown fox jumps over the lazy dog
Helvetica-Condensed-Oblique	*The quick brown fox jumps over the lazy dog*
Helvetica-BoldOblique	***The quick brown fox jumps over the lazy dog***
Goudy-BoldItalic	***The quick brown fox jumps over the lazy dog***
Goudy-Italic	*The quick brown fox jumps over the lazy dog*
Helvetica	The quick brown fox jumps over the lazy dog
Helvetica-Bold	**The quick brown fox jumps over the lazy dog**
Helvetica-Narrow-Bold	**The quick brown fox jumps over the lazy dog**
Helvetica-Condensed	The quick brown fox jumps over the lazy dog
Helvetica-Oblique	*The quick brown fox jumps over the lazy dog*
Helvetica-Narrow	The quick brown fox jumps over the lazy dog
Marigold	The quick brown fox jumps over the lazy dog
JoannaMT-Bold	**The quick brown fox jumps over the lazy dog**
Monaco	The quick brown fox jumps over the lazy dog
Optima-Italic	*The quick brown fox jumps over the lazy dog*
NewYork	The quick brown fox jumps over the lazy dog
StempelGaramond-Bold	**The quick brown fox jumps over the lazy dog**
HoeflerText-Regular	The quick brown fox jumps over the lazy dog
JoannaMT-Italic	*The quick brown fox jumps over the lazy dog*
LetterGothic	The quick brown fox jumps over the lazy dog
Optima	The quick brown fox jumps over the lazy dog
Helvetica-Narrow-Oblique	*The quick brown fox jumps over the lazy dog*
HoeflerText-Italic	*The quick brown fox jumps over the lazy dog*
Palatino-Italic	*The quick brown fox jumps over the lazy dog*
Times-BoldItalic	***The quick brown fox jumps over the lazy dog***
Oxford	The quick brown fox jumps over the lazy dog
LetterGothic-BoldSlanted	*The quick brown fox jumps over the lazy dog*
HoeflerText-BlackItalic	***The quick brown fox jumps over the lazy dog***
LubalinGraph-BookOblique	*The quick brown fox jumps over the lazy dog*
HoeflerText-Ornaments	
JoannaMT-BoldItalic	***The quick brown fox jumps over the lazy dog***
LetterGothic-Bold	The quick brown fox jumps over the lazy dog
LubalinGraph-DemiOblique	***The quick brown fox jumps over the lazy dog***
LetterGothic-Slanted	*The quick brown fox jumps over the lazy dog*
LubalinGraph-Book	The quick brown fox jumps over the lazy dog
NewCenturySchlbk-BoldItalic	***The quick brown fox jumps over the lazy dog***
LubalinGraph-Demi	**The quick brown fox jumps over the lazy dog**
MonaLisa-Recut	The quick brown fox jumps over the lazy dog
Optima-Bold	**The quick brown fox jumps over the lazy dog**
Palatino-Bold	**The quick brown fox jumps over the lazy dog**
StempelGaramond-BoldItalic	***The quick brown fox jumps over the lazy dog***
Optima-BoldItalic	***The quick brown fox jumps over the lazy dog***
Palatino-Roman	The quick brown fox jumps over the lazy dog
Symbol	Τηε θυιχκ βροων φοξ φυμπσ οϖερ τηε λαζψ δογ
NewCenturySchlbk-Bold	**The quick brown fox jumps over the lazy dog**
Univers-Bold	**The quick brown fox jumps over the lazy dog**
Tekton	The quick brown fox jumps over the lazy dog

PS7R PS Font List Page 3

NewCenturySchlbk-Italic	*The quick brown fox jumps over the lazy dog*
NewCenturySchlbk-Roman	The quick brown fox jumps over the lazy dog
StempelGaramond-Italic	*The quick brown fox jumps over the lazy dog*
StempelGaramond-Roman	The quick brown fox jumps over the lazy dog
Palatino-BoldItalic	***The quick brown fox jumps over the lazy dog***
Times-Bold	**The quick brown fox jumps over the lazy dog**
Times-Italic	*The quick brown fox jumps over the lazy dog*
Times-Roman	The quick brown fox jumps over the lazy dog
Univers	The quick brown fox jumps over the lazy dog
TimesNewRomanPS-BoldItalicMT	***The quick brown fox jumps over the lazy dog***
TimesNewRomanPSMT	The quick brown fox jumps over the lazy dog
Univers-CondensedBoldOblique	***The quick brown fox jumps over the lazy dog***
TimesNewRomanPS-ItalicMT	*The quick brown fox jumps over the lazy dog*
TimesNewRomanPS-BoldMT	**The quick brown fox jumps over the lazy dog**
Univers-CondensedBold	**The quick brown fox jumps over the lazy dog**
Univers-BoldExt	**The quick brown fox jumps over the lazy dog**
Univers-BoldExtObl	***The quick brown fox jumps over the lazy dog***
Univers-BoldOblique	***The quick brown fox jumps over the lazy dog***
Univers-Condensed	The quick brown fox jumps over the lazy dog
Univers-CondensedOblique	*The quick brown fox jumps over the lazy dog*
Univers-Extended	The quick brown fox jumps over the lazy dog
Univers-ExtendedObl	*The quick brown fox jumps over the lazy dog*
Univers-Light	The quick brown fox jumps over the lazy dog
Univers-LightOblique	*The quick brown fox jumps over the lazy dog*
Univers-Oblique	*The quick brown fox jumps over the lazy dog*
Wingdings-Regular	❄♒♏ ❑◆♓♍& ♌❒□•■ ↗□⊠ er◆❍◘• □❖♏❒ ♦♒♏
ZapfChancery-MediumItalic	*The quick brown fox jumps over the lazy dog*
ZapfDingbats	✳❄❄ ❑◆❄✳✳ ❂❒❑◗■ ❄❑ ❄◆❍❒▲ ❑❖❄❒ ▼❄❄ ●❄❚❚ ❄❑❄
Wingdings	❄♒♏ ❑◆♓♍& ♌❒□•■ ↗□⊠ er◆❍◘• □❖♏❒ ♦♒♏
NotDefFont	
CGBM-PropRoman	The quick brown fox jumps over the lazy dog
ChuGothicBBB-Medium-PropRoman	The quick brown fox jumps over the lazy dog
JL-PropRoman	The quick brown fox jumps over the lazy dog
MMMA-PropRoman	The quick brown fox jumps over the lazy dog
Mincho-PC-Hiragana	The quick brown fox jumps over the lazy dog
Mincho-PC-Katakana	The quick brown fox jumps over the lazy dog
Osaka-MonoRoman	The quick brown fox jumps over the lazy dog
RLKL-PropRoman	The quick brown fox jumps over the lazy dog
Ryumin-Light-KL-PropRoman	The quick brown fox jumps over the lazy dog
Ryumin-Light	The quick brown fox jumps over the lazy dog
GothicBBB-Medium	The quick brown fox jumps over the lazy dog

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