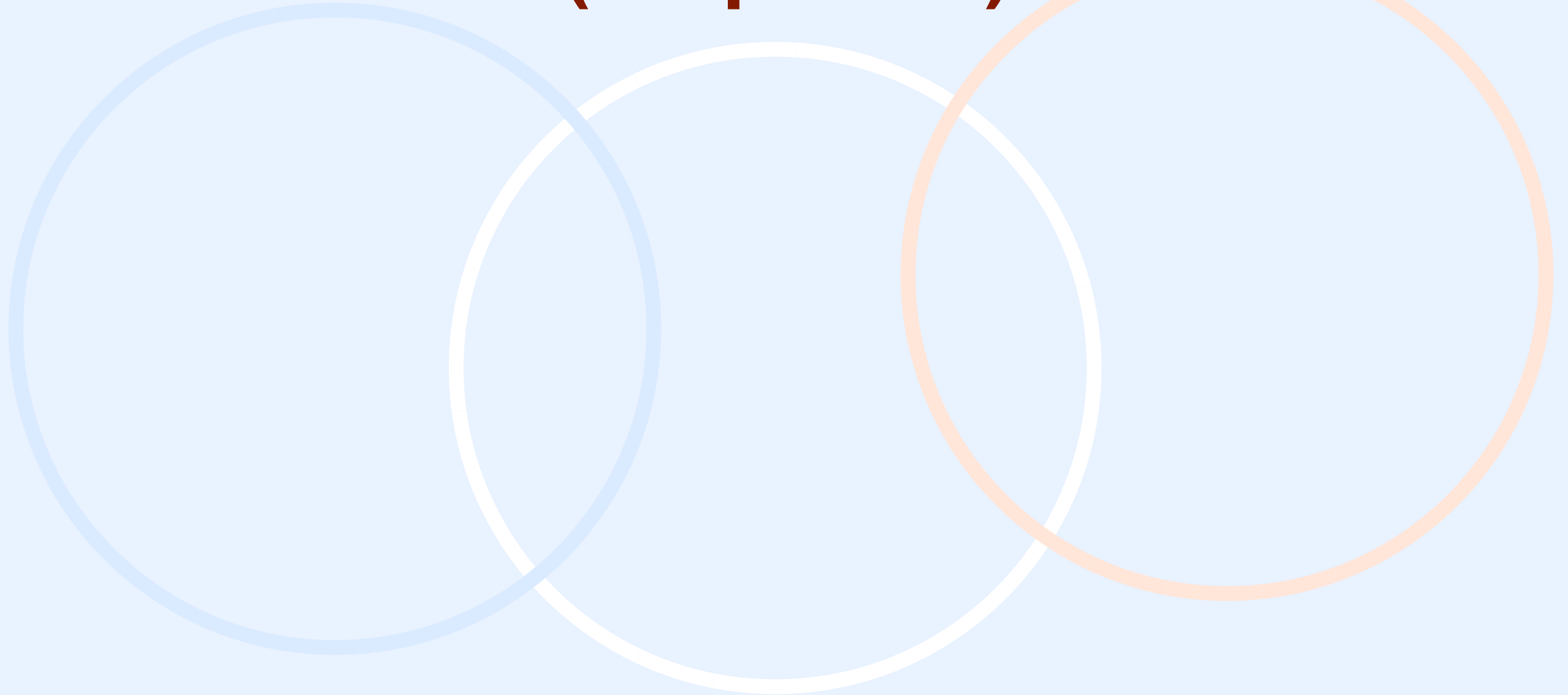


Online Manual (for printer)



AR-2628L

Start

Click this "Start" button.

Introduction

This manual describes the printer function of the digital multifunctional system.



- For information on loading paper, replacing toner cartridges, clearing paper misfeeds, handling peripheral devices, and other copier-related information, please refer to your operation manual.
- The machine's default settings and default settings for the printer function can be changed using the system settings (administrator). For more information, see the "SYSTEM SETTINGS (ADMINISTRATOR)" in the operation manual.
- Where "AR-XXXX" appears in this manual, please substitute the name of your model for "XXXX". For the name of your model, see "SPECIFICATIONS" in the operation manual.
- This manual refers to the Reversing single pass feeder as the "RSPF".
- The screen images and procedures that appear in this manual are mainly for Windows Vista®. With other versions of Windows®, some screen images may be different from those in this manual.
- For information on using your operating system, refer to your operating system's manual or online Help.

The display screens, messages, and key names shown in the manual may differ from those on the actual machine due to product improvements and modifications.



How to use the online manual

This section explains how to view the online manual. Please read this section before using the online manual. For information on using Adobe Reader, see Adobe Reader Help.

How to Control the Online Manual

In this manual, the following buttons are displayed at the bottom of each page. Click these buttons to move quickly to pages that you wish to view.

A rectangular button with a thin blue border and the word "CONTENTS" in bold, black, uppercase letters.

Displays the Contents of this manual. Click on a topic in the Contents to jump directly to that section.



Takes you forward page by page.



Takes you back page by page.

Following Links

This manual uses a link function that allows you to jump to a related page. If you click green, underlined text, the related page will be displayed. (In the Contents section, the linked areas are not underlined.)

Example:  [Contents](#)

To return to the previous page, click the ◀ button on the menu bar of Adobe Reader.

Using Bookmarks

Bookmarks have been created on the left side of this manual. You can click on a bookmark to jump directly to that section.

How to Print Out This Manual

To print this manual, select "Print" from the "File" menu of Adobe Reader. Select the desired printer settings in the "Print" dialog box, and then click the "OK" button.

A rectangular button with a thin blue border and the word "CONTENTS" in bold, black, uppercase letters.

3



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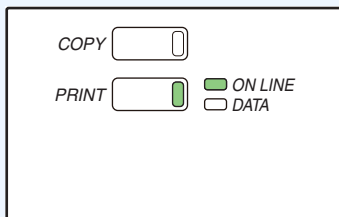


The following example explains how to print a document from WordPad.

Before printing, make sure that the correct size of paper for your document has been loaded in the machine.

1

Make sure that the ON LINE indicator on the operation panel is lit.



If the ON LINE indicator is not on, press the [PRINT] key to switch to printer mode and then touch the [ONLINE] key.

The status of the printer function is indicated by the ON LINE and DATA indicators next to the [PRINT] key.

	ON LINE indicator	DATA indicator
Lit	The machine is online and ready to print.	There is print data in memory that has not been printed yet.
Blinking	—	The machine is printing.
Off	The machine is offline and not ready to print.	The machine is not printing.

2

Start WordPad and open the document that you wish to print.

3

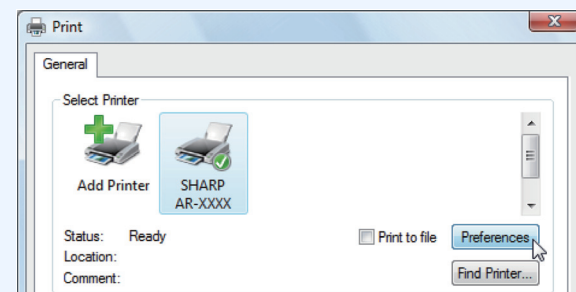
Select "Print" from the application's "File" menu.

The "Print" dialog box will appear.

4

Make sure that "SHARP AR-XXXX" is selected as the printer. If you need to change any print settings, click the "Preferences" button to open the printer driver setup screen.

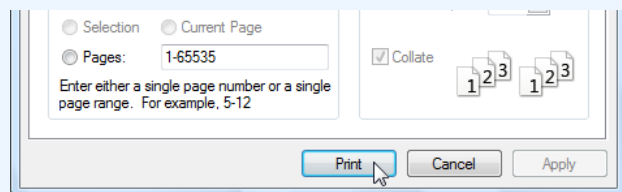
The printer driver setup screen will appear.



Windows 2000 does not have the "Preferences" button in this dialog box. Select settings as needed on each of the tabs in the setup screen.


5

Click the "Print" button.



Printing begins.



- The output tray can be selected in the system settings (administrator) (see "OUTPUT TRAYS" in the "SYSTEM SETTINGS (ADMINISTRATOR)" in the operation manual).
- The output tray can also be selected in the print settings at the time of printing. To change the tray selection, select the desired tray in "Output" in the "Paper" tab of the printer driver setup screen.
- Printing can be canceled in the job status screen.
 [Canceling a print job](#)
- If the paper type setting in the printer driver is different from the bypass tray's paper type setting in the machine, printing may stop. To resume printing, press the [PRINT] key on the operation panel, touch the [BYPASS TRAY] key in the touch panel, and specify the same paper type as in the printer driver.

When "Paper Selection" is set to "Auto Select"

If "Paper Selection" is set to "Auto Select" in the "Paper" tab of the printer driver setup screen and the correct size of paper for a print job is not loaded in the machine, the printing procedure will vary depending on the "FORCED OUTPUT OF PRINT" setting in the system settings (administrator) (see the "SYSTEM SETTINGS (ADMINISTRATOR)" in the operation manual).

When "FORCED OUTPUT OF PRINT" is disabled

If the bypass tray can be used, a message prompting you to print from the bypass tray will appear in the touch panel. Press the [PRINT] key on the operation panel, touch the [BYPASS TRAY] key, load paper in the bypass tray, and then touch the [BYPASS] key. Printing will begin automatically.

When "FORCED OUTPUT OF PRINT" is enabled

Printing will take place using a size of paper that is close to the size of the print image.

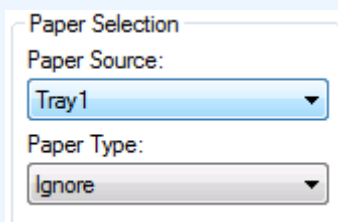


If the paper is loaded in a different orientation than the print image, the image is automatically rotated to match the paper. This setting can be changed in the system settings (administrator) (see "ROTATED PRINT" in the "SYSTEM SETTINGS (ADMINISTRATOR)" in the operation manual).

When the "Paper Selection" setting is "Paper Source" or "Paper Type"

When "Paper Selection" in the "Paper" tab of the printer driver setup screen is set to:

- Specify the tray to be used for printing in the "Paper Source" pull-down menu.
- Specify the type of paper to be used for printing in the "Paper Type" pull-down menu.



Paper Selection
Paper Source:
Tray1
Paper Type:
Ignore



"Paper Source" and "Paper Type" cannot be simultaneously selected.

The size and type of paper loaded in each tray and whether or not the paper loaded in each tray can be used for printing are specified in the "TRAY SETTINGS" of the system settings. (See "SYSTEM SETTINGS (GENERAL)" in the operation manual.

If you wish to select the "Paper Source" or "Paper Type" when printing, be sure to select these settings in the "Configuration" tab of the printer driver setup screen. (See "CONFIGURING THE PRINTER DRIVER" in the software setup guide.)

If you selected the "Paper Source" or "Paper Type" in the printer driver setup screen but there is no paper in the trays that matches your selection, printing will take place as follows:

You selected a tray in "Paper Source", but the size of the paper in the selected tray does not match the printing size.

Even though the paper size is different, printing will take place using the paper in the selected tray.

You selected a "Paper Type", and although the selected type of paper is loaded in the machine, its size does not match the printing size.

Even though the paper size is different, printing will take place using the selected paper type.

However, if "FORCED OUTPUT OF PRINT" is disabled, printing will not take place.

You selected a "Paper Type", but the selected type of paper is not loaded in the machine.

If the bypass tray can be used, a message prompting you to print from the bypass tray will appear. Press the [PRINT] key on the operation panel, touch the [BYPASS TRAY] key, load the correct size and type of paper in the bypass tray, and then touch the [BYPASS] key. Printing will begin automatically.

Opening the printer driver from the "start" button

Printer driver settings can be configured by opening the printer driver from the Windows "start" button. Settings adjusted in this way will be the initial settings when you print from an application. (If you change the settings in the printer driver setup screen at the time of printing, the settings will revert to the initial settings when you quit the application.)

1

Click the "Start" button and select "Control Panel" and then select "Printer".

- In Windows 7, click the "Start" button, and then click "Devices and Printers".
- In Windows XP, click the "start" button, and then click "Printers and Faxes".
- In Windows 2000, click the "Start" button and point to "Settings", and then select "Printers".



In Windows XP, if "Printers and Faxes" does not appear in the "start" menu, select "Control Panel", select "Printers and Other Hardware", and then select "Printers and Faxes".

2

Click the "SHARP AR-XXXX" printer driver icon.

3

Select "Properties" from the "Organize" menu.

- In Windows 7, right-click the "SHARP AR-XXXX" printer driver icon, and then click "Printer Properties".
- In Windows XP/2000, select "Properties" from the "File" menu.

4


Click the "Printing Preferences" button in the "General" tab.

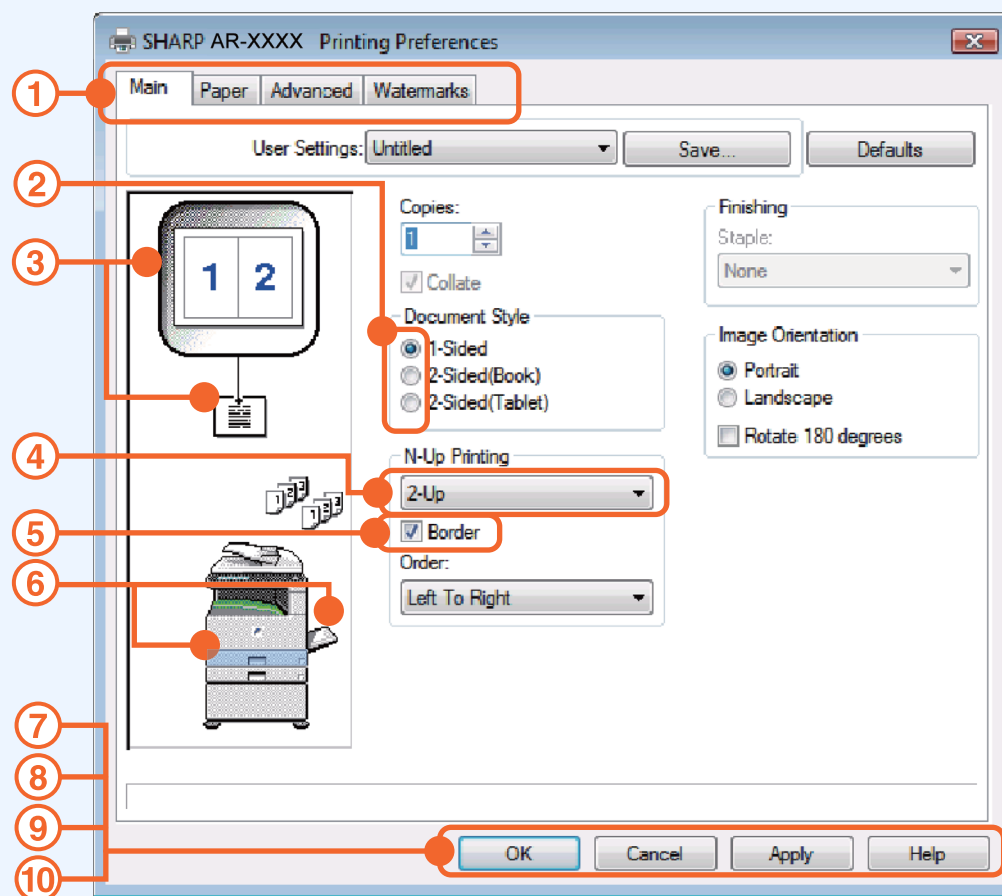
In Windows 7, click the "Preferences" button in the "General" tab.

The printer driver setup screen will appear.

 [Printer driver settings](#)

Printer driver settings

Some restrictions exist on the combinations of settings that can be selected in the printer driver setup screen. When a restriction is in effect, an information icon () will appear next to the setting. Click the icon to view an explanation of the restriction.



① Tab

The settings are grouped on tabs. Click on a tab to bring it to the front.

② Check button

Allows you to select one item from a list of options.

③ Print setting image

This shows the effect of the selected print settings.

④ Drop-down list

Allows you to make a selection from a list of choices.

⑤ Checkbox

Click on a checkbox to activate or deactivate a function.

⑥ Machine image

This shows:

- The paper tray (in blue) selected in "Paper selection" on the "Paper" tab.
- The output tray (in green) selected in "Output" on the "Paper" tab.

You can also click on a tray to select it.

⑦ "OK" button

Click this button to save your settings and exit the dialog box.

⑧ "Cancel" button

Click this button to exit the dialog box without making any changes to the settings.

⑨ "Apply" button

Click to save your settings without closing the dialog box. The "Apply" button does not appear when you open this window from an application.

⑩ "Help" button

Click this button to display the help file for the printer driver.

Two-sided printing

This feature allows you to print on both sides of the paper.

To use this function, open the printer driver setup screen and select "2-Sided (Book)" or "2-Sided (Tablet)" from "Document Style" in the "Main" tab.

See [Basic printing](#) for details on how to open the printer driver.

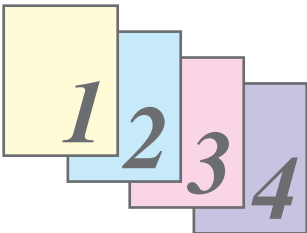
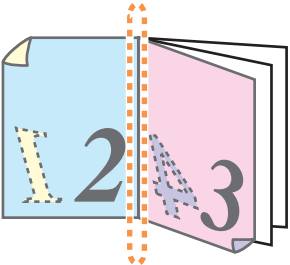
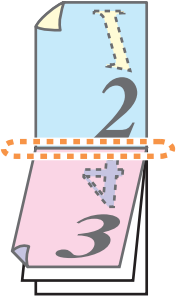
Document Style

- ☐ 1-Sided
- ☒ 2-Sided(Book)
- ☐ 2-Sided(Tablet)



- Paper sizes that can be used for two-sided printing are Ledger, Letter, Letter-R, Legal, A3, A4, A4R, A5, B4, B5, B5R, 8K, 16K, 16KR and Foolscap.
- Paper types that can be used for two-sided printing are Plain, Letter Head*, Recycled and Color.
*The use of Letter Head paper for two-sided printing can be prohibited in the "TRAY SETTINGS" of the system settings. (See "SYSTEM SETTINGS (GENERAL)" in the operation manual.)
- Two-sided printing is not possible if disabled in the system settings (administrator) (see "DISABLING OF DUPLEX" in the "SYSTEM SETTINGS (ADMINISTRATOR)" in the operation manual).

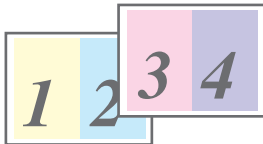
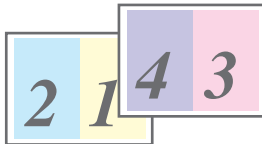
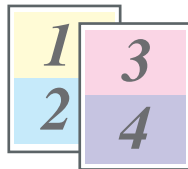








The following example shows the result when portrait data is printed on both sides of the paper.

Print data	Printing result	
	2-Sided (Book)	2-Sided (Tablet)
	 <p>The pages are printed so that they can be bound at the side.</p>	 <p>The pages are printed so that they can be bound at the top.</p>

Printing multiple pages on one page (part 1)

This function can be used to reduce the print image and print multiple pages on a single sheet of paper.

This is convenient when you want to print multiple images such as photos on a single sheet of paper, and when you want to conserve paper. This function can also be used in combination with two-sided printing for maximum conservation of paper. The following print results will be obtained, depending on the order selected.

N-Up	Print results			
	Left to Right	Right to Left	Top To Bottom (when the print orientation is landscape)	
[2-Up]				
N-Up	Right , and Down	Down , and Right	Left , and Down	Down , and Left
[4-Up]				
N-Up	Right , and Down	Down , and Right	Left , and Down	Down , and Left
[6-Up]				

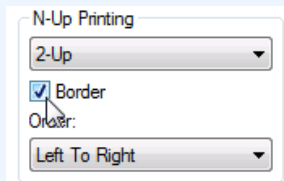
1

Click the "Main" tab in the printer driver setup screen.

2

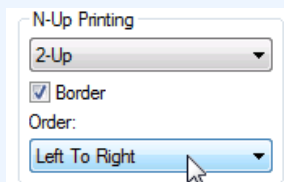
Select the number of pages per sheet.

If you wish to print borderlines, check the "Border" box.



3

Select the order of the pages.



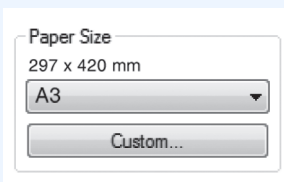
Fitting the printed image to the paper

The printer driver can adjust the size of the printed image to match the size of the paper loaded in the machine. Follow the steps shown below to use this function. The explanation below assumes that you intend to print a A3 size document on A4 size paper.

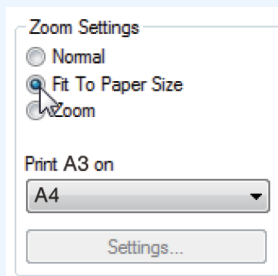
See [Basic printing](#) for details on how to open the printer driver.

1 Click the "Paper" tab in the printer driver setup screen.

2 Select the original size (A3) of the print image in "Paper Size".



3 Select "Fit To Paper Size".



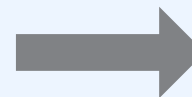
4 Select the actual size of paper to be used for printing (A4).

The size of the printed image will be automatically adjusted to match the paper loaded in the machine.

Paper Size: A3
Fit To Paper Size: A4



A3 size document
(Paper Size)



A4 size paper
(Fit To Paper Size)

Rotating the print image 180 degrees

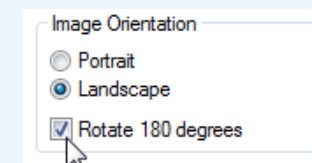
The print image can be rotated 180 degrees.

This feature is used to enable correct printing on envelopes and other paper with flaps that can only be loaded in one orientation.

Use this feature when automatic rotation (which takes place when the loaded paper is the same size as the print image and the orientations are different) results in reversal of the top and bottom of the image.

To use the feature, select the image orientation in "Image Orientation" on the "Main" tab, and then select the "Rotate 180 degrees" checkbox.

☞ See [Basic printing](#) for details on how to open the printer driver.



Printing result	
<input checked="" type="checkbox"/> Rotate 180 degrees	<input type="checkbox"/> Rotate 180 degrees



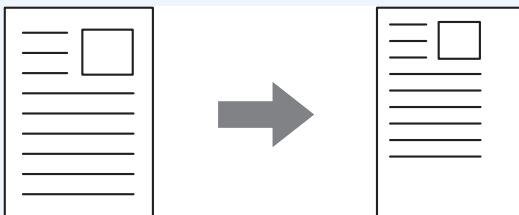
The procedure for loading paper is explained in operation manual.

Enlarging/reducing the print image

This function is used to enlarge or reduce the image to a selected percentage. This allows you to enlarge a small image or add margins to the paper by slightly reducing an image.



The "Zoom" setting is not available when "N-Up Printing" is selected.



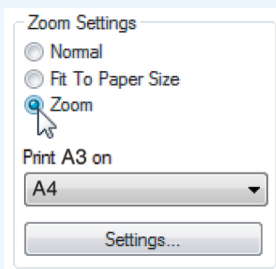
1

Click the "Paper" tab in the printer driver setup screen.

2


Select "Zoom" and click the "Settings" button.

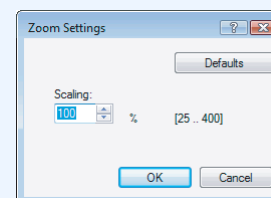
The actual paper size to be used for printing can be selected from the pop-up menu.



3

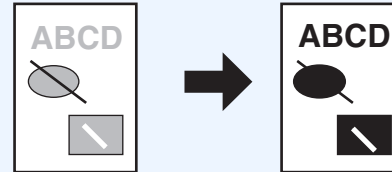
Select the zoom ratio.

Directly enter a number or click the  button to change the ratio in increments of 1%.



Printing faint text and lines in black

When printing a colour image, colour text and lines that are faint can be printed in black. (Raster data such as bitmap images cannot be adjusted.) This allows you to bring out colour text and lines that are faint and difficult to see.



1

Click the "Advanced" tab in the printer driver setup screen.

2

Check the "Text To Black" box and/or the "Vector To Black" box.

- "Text To Black" can be selected to print all text other than white text in black.
- "Vector To Black" can be selected to print all vector graphics other than white lines and areas in black.

☒ Text To Black☒ Vector To Black

Adjusting the brightness and contrast of the image

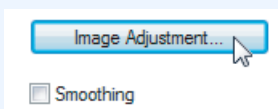
The brightness and contrast can be adjusted in the print settings when printing a photo or other image. These settings can be used for simple corrections when you do not have image editing software installed on your computer.

1

Click the "Advanced" tab in the printer driver setup screen.




2

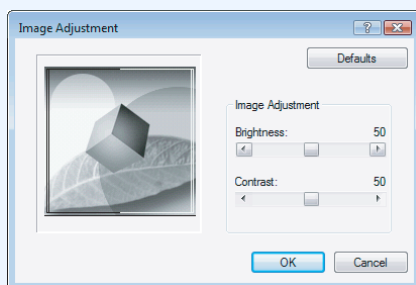
Click the "Image Adjustment" button.



3

Adjust the image settings.

To adjust a setting, drag the slide bar  or click the  or  button.



Saving frequently used print settings

Settings configured on each of the tabs at the time of printing can be saved as user settings. Saving frequently used settings or complex colour settings under an assigned name makes it easy to select those settings the next time you need to use them.

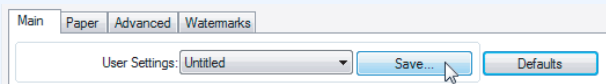
SAVING SETTINGS AT THE TIME OF PRINTING (User Settings)

Settings can be saved from any tab of the printer driver properties window. Settings configured on each tab are listed at the time of saving, allowing you to check the settings as you save them.

For the steps for opening the printer driver, see "[Basic printing](#)".

1

Configure print settings on each tab and click the "Save" button on any tab.



2

After checking the displayed settings, enter a name for the settings (maximum of 20 characters).

Setting Name:

Untitled



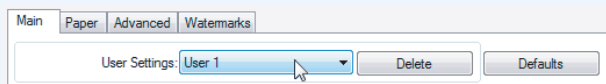
- Up to 30 sets of user settings can be saved.
- A watermark that you created cannot be saved in user settings.

3

Click the "OK" button.

Using saved settings

Select the user settings that you wish to use on any tab.



Deleting saved settings

Select the user settings that you want to delete in "[Using saved settings](#)" (above), and click the "Delete" button.

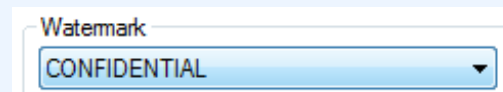
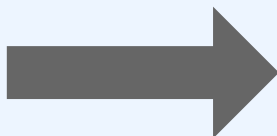
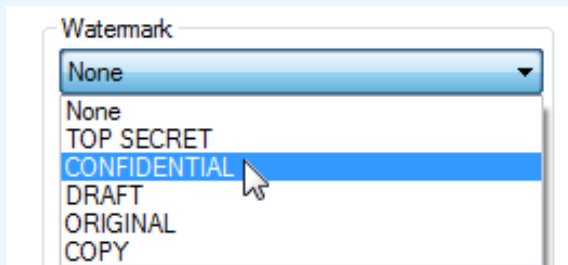
Printing a watermark

You can print a watermark such as "CONFIDENTIAL" on your document. To print a watermark, open the printer driver, click the "Watermarks" tab, and follow the steps below.

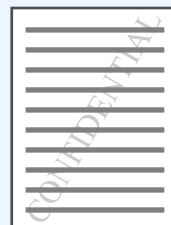
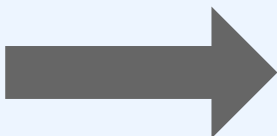
☞ See [Basic printing](#) for details on how to open the printer driver.

How to Print a Watermark

From the "Watermark" drop-down list, select the watermark that you wish to print (for example "CONFIDENTIAL"), and start printing. You can click the "Edit" button to edit the font and select other detailed settings.



Print sample



You can enter text to create your own custom watermark. For details on watermark settings, view printer driver Help.

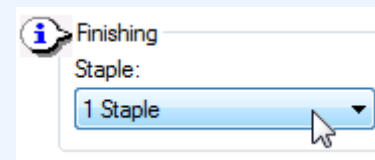
☞ [Printer driver settings](#)

Stapling printed pages (when a finisher is installed)

When a finisher is installed, printed pages can be stapled.

To use this feature, open the printer driver setup screen and select it in the "Finishing" field of the "Main" tab.

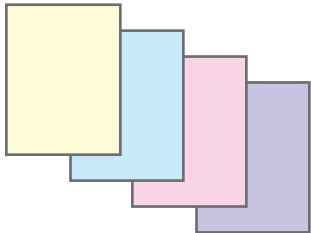
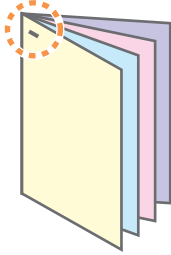
See [Basic printing](#) for details on how to open the printer driver.



- The maximum number of sheets that can be stapled is 50. (up to 30 sheets when the paper size is B4, Foolscap, or larger).
- Paper sizes that can be used for staple printing are Ledger, Letter, Letter-R, Legal, A3, A4, A4R, B4, B5, B5R, 8K, 16K, 16KR and Foolscap.
- Paper types that can be used for staple printing are Plain, Letter Head, Recycled, Color and Thin.
- Staple printing is not possible when the ROM function is disabled. (See "CONFIGURING THE PRINTER DRIVER" in the software setup guide.)
- If the finisher is disabled in the system settings (administrator), the staple function cannot be used. (See "DISABLING OF STAPLER" in the "SYSTEM SETTINGS (ADMINISTRATOR)" in the operation manual.)

When a finisher is installed

The following example shows how portrait oriented pages are stapled together.

Print data	Printing result
	<p>The pages are stapled in the upper left-hand corner.</p> 



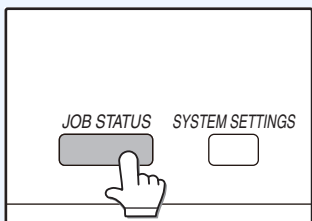
If paper is oriented horizontally (Letter-R, A4R, A3, etc), the pages are stapled in the upper right-hand corner.

Giving priority to a print job

When a print job is waiting because the machine is copying, the following procedure can be used to interrupt the current job and immediately print the print job. Use the print job status screen to give priority to the job. For more information on using the job status screen, see operation manual.

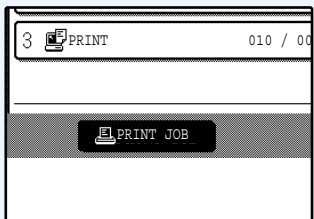
1

Press the [JOB STATUS] key.



2

Make sure that the [PRINT JOB] key is highlighted.



The print job status screen appears when the [PRINT JOB] key is highlighted. If the [PRINT JOB] key is not highlighted, touch the [PRINT JOB] key.

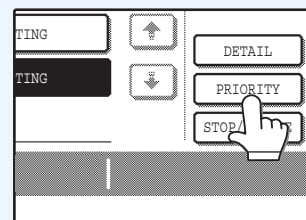
3

In the job keys of the jobs waiting to be printed, touch the key of the job that you wish to print immediately.

The touched key is highlighted.

4

Touch the [PRIORITY] key.



A message appears asking you to confirm the priority print job. Touch the [OK] key to interrupt the current job and begin printing the print job selected in Step 3.



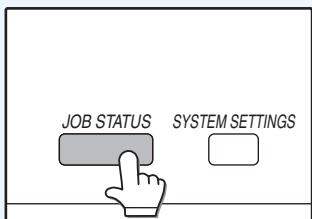
To view information on a print job, select it and then touch the [DETAIL] key.

Canceling a print job

A print job in progress or waiting to be printed can be canceled. Use the print job status screen to cancel the job.

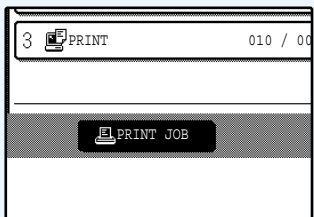
1

Press the [JOB STATUS] key.



2

Make sure that the [PRINT JOB] key is highlighted.



The print job status screen appears when the [PRINT JOB] key is highlighted. If the [PRINT JOB] key is not highlighted, touch the [PRINT JOB] key.

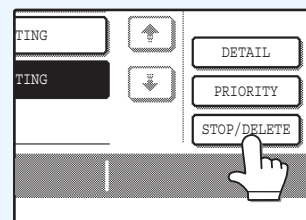
3

The job in progress and the jobs waiting to be printed appear. Touch the key of the job that you wish to cancel.

The touched key is highlighted.

4

Touch the [STOP/DELETE] key.



A message appears asking you to confirm the cancellation. Touch the [YES] key to delete the job.

If you do not wish to cancel the job, touch the [NO] key.



To pause a print job during printing, press the [PRINT] key on the operation panel and then touch the [OFFLINE] key. ([OFFLINE] is highlighted.)

- To cancel a print job, press the [CLEAR] key (C).
- To resume printing, touch the [ONLINE] key to switch the machine online.

This chapter describes how to solve printer problems. Refer to the relevant section based on the problem.

To load paper, remove paper misfeeds, load staples in the finisher, remove jammed staples, or replace the toner cartridge, see "TROUBLESHOOTING" in operation manual.

Printing does not take place

- Check the connections
- Check Your Computer
- Check the machine
- Checking the printer driver

Improper printing operation

- Printing is slow
- Two-sided printing is not possible
- Stapling is not possible (when a finisher is installed)

Print quality is not satisfactory

- Check the paper being used
- The printed image is coarse
- The printed image is distorted
- Part of the printed image is missing

Check the connections

■ Is the interface cable compatible with the machine and computer?

Interface cables compatible with this machine is USB cable. Check which type of cable is supported by your computer. For the specifications of the interface cable, see "CONNECTING TO A COMPUTER" in the software setup guide.

■ Is the interface cable connected securely?

Check if the interface cable is securely plugged into the connectors of the machine and computer. To connect the cable, see "CONNECTING TO A COMPUTER" in the software setup guide.

■ Are any other USB peripherals being connected along with the machine?

If your computer is connected to the machine through a USB hub, see if printing is possible when no other USB devices are connected, or if printing is possible when the machine and computer are directly connected.

■ If the interface cable becomes disconnected

If the interface cable becomes disconnected, even only once during the machine's operation, then printing may be disrupted.

If this occurs, check the interface cable and ensure that it is securely connected, then restart the computer.

2 TROUBLESHOOTING Printing does not take place

(part 2)

Check Your Computer

■ Is there enough computer memory or hard disk space?

To use the machine, your computer must have sufficient memory and hard disk space. If there is insufficient hard disk space, delete unnecessary files to increase the free space of the hard disk. If there is insufficient memory, close unnecessary applications to increase memory available for printing.

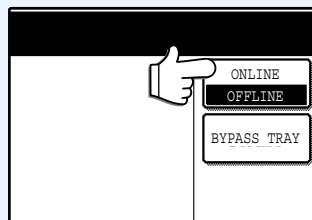
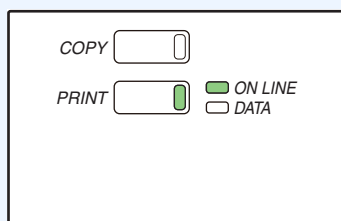
Check the machine

■ Power switch on?

Turn the power switch on. (See "POWER ON AND OFF" in the operation manual)

■ Is the machine online?

When the ON LINE indicator next to the [PRINT] key on the operation panel is lit, the machine is online and ready to print. If the ON LINE indicator is off, press the [PRINT] key and then touch the [ONLINE] key. (When [ONLINE] is highlighted, the machine is online.)



■ Has an error occurred such as a paper misfeed, staple jam in the finisher, out of paper, or out of toner?

When one of the above errors occurs, a message will appear in the touch panel to alert you.

Follow the instructions in the message to clear the error.

Printing will automatically resume when the error is cleared.

For information on handling errors, see "TROUBLESHOOTING" in the operation manual.

■ Copy job being performed?

Wait until copying is finished. You can also select the key of the job that you wish to print in the job status screen and then touch the [PRIORITY] key. Copying will be interrupted and the selected job printed.

☞ [Giving priority to a print job](#)

■ Is the "I/O TIMEOUT" setting too short?

Set a longer time for "I/O TIMEOUT" in the system settings (administrator) (see "I/O TIMEOUT" in the "SYSTEM SETTINGS (ADMINISTRATOR)" in the operation manual).

■ Has a Notice Page (NP-001) been printed?

If a print job containing more data than can be held in the print memory is sent to the machine, the print data has not been printed completely.

Disable the ROPM function on the "Configuration" tab of the printer driver setup screen. If you need to use the ROPM function, divide the pages of the print data into two or more print jobs.

The memory allocated to the printer function can be changed in the system setting (administrator) "MEMORY FOR PRINTER".

Checking the printer driver

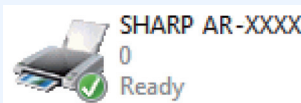
■ Has the printer driver been installed properly?

Check if the printer driver has been installed, following the steps listed below.

1 Click the "Start" button and select "Control Panel" and then select "Printer".

- In Windows 2000, click the "Start" button, select "Settings" and then click "Printers".
- In Windows XP, click the "Start" button and then click "Printers and Faxes".
- In Windows 7, click the "Start" button, and then click "Devices and Printers".

2 Check if the "SHARP AR-XXXX" printer driver icon is shown.



If the printer icon of the machine does not appear, the printer driver is not installed correctly. Follow the instructions in the software setup guide to correctly install the printer driver.

■ Is your machine selected correctly in the current application for the print job?

Select the printer driver of the machine in the "Print" dialog box of the application.

- If the printer drivers appear as icons, click the icon of the machine.
- If the printer drivers are selected from a pull-down menu, select the printer driver of the machine from the menu.

➡ [Basic printing](#)

■ Is the port configured correctly?

It is possible that there is a problem with the port configuration, for example another printer driver may be using the port. Open the printer driver properties and correctly configure the port that you are using.

➡ See "TROUBLESHOOTING" in the software setup guide.

Printing is slow

■ Simultaneous use of two or more application software programs?

Start printing after quitting all unused application software programs.

Two-sided printing is not possible

■ Is two-sided printing disabled in the system settings (administrator)?

Enable two-sided printing as explained in "DISABLING OF DUPLEX" in the "SYSTEM SETTINGS (ADMINISTRATOR)" in the operation manual.

Stapling is not possible (when a finisher is installed)

■ Is stapling disabled in the system settings (administrator)?

Enable stapling in the system settings (administrator) (see "DISABLING OF STAPLER" in the "SYSTEM SETTINGS (ADMINISTRATOR)" in the operation manual).

■ Did you attempt to print more pages than can be stapled?

When a finisher is installed, up to 50 sheets can be stapled. (up to 30 sheets when the paper size is B4, Foolscap, or larger).

■ Are pages of different width mixed together in the print job?

Stapling is not possible when pages of different width are mixed together in a print job.

■ **Does the print job include page sizes that cannot be stapled?**

Stapling is not possible if the print job includes page sizes that cannot be stapled.

■ **Is the paper tray that is selected in the printer driver set to a paper size or paper type that cannot be used for stapling?**

On the machine, set the paper tray to be used for staple printing to a paper size and paper type that can be used for stapling.

Check the paper being used

■ Non-standard paper used?

Check that the paper conforms to the specification. Refer to "LOADING PAPER" in the operation manual.

■ Are you using paper with a high moisture content?

Use paper that is in good condition, with a low moisture content and no curling.

■ Is the paper loaded with the wrong side up?

Some types of paper have a front and a back side. If the paper is loaded so that printing takes place on the back side, toner will not adhere well to the paper and poor print quality will result.

■ Are you printing on paper that has an uneven surface?

It may not be possible to print correctly on paper with seams such as the back of an envelope.

The printed image is coarse

■ Has the printer driver been specified to suit the print job?

The input resolution can be set to 600 dpi or 300 dpi. When 600 dpi or 300 dpi is selected, "Smoothing" can also be selected to improve the image quality.

Change the resolution settings in the Compatibility "Advanced" tab of the printer driver setup screen.

The printed image is distorted

■ Is the paper loaded correctly?

If a document is physically damaged when it is output or the image is skewed on the paper, discard the damaged sheet, reinsert the paper supply and print again. Insert the paper so that there is no visible space between the paper and the paper guides.

☞ See the operation manual for more details on inserting paper.

Part of the printed image is missing

■ Did you set sufficient margins in the paper settings of your application?

Printing is not possible at the edges of the paper. The print margins are 4 mm at the top and bottom of the paper and 3 mm at the sides of the paper. When configuring the paper settings in the software application, be sure to establish margins that are at least as large as the print margins.

■ Is the paper size loaded in the tray the same as that specified in the printer driver?

Check if the "Paper Size" options suit the size of the paper loaded in the tray.

If the "Fit To Page" setting is activated, make sure that the paper size selected from the drop-down list of the "Fit To Paper Size" option is the same as the size of the loaded paper.

■ Is the orientation of document setting correct?

Click the "Paper" tab in the printer driver setup screen, and verify if the "Image Orientation" option is set to your requirements.

Printer specifications

Printing speed	26 pages/min.
Resolution	600 dpi
Memory	32 MB*
Additional memory slots	2 slots (maximum of 1024 MB of additional memory modules (168-pin SDRAM DIMM) can be installed)
Interface	USB 2.0 (Full-Speed) interface

* The factory default setting for memory used for the printer function is 16 MB. The proportion of memory allocated to the printer function can be changed in the system settings (administrator). See "MEMORY FOR PRINTER" in the "SYSTEM SETTINGS (ADMINISTRATOR)" in the operation manual.



As a part of our policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

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