



LX-P1300 LX-D1300

COLOR LABEL PRINTER

User's Guide

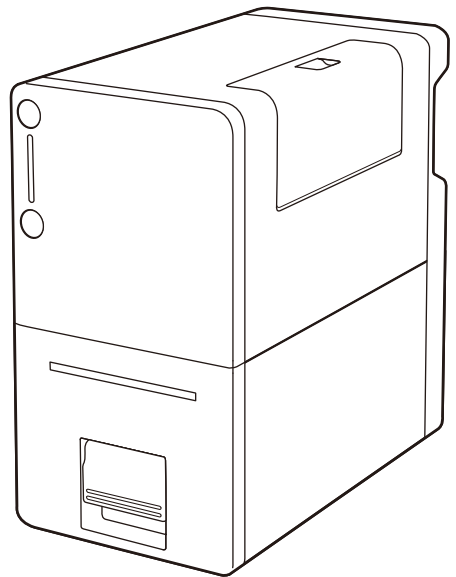


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Before You Begin

Conventions

WARNING

Instructions that, if ignored, could result in death or serious personal injury caused by incorrect operation of the equipment. These must be observed for safe operation.

CAUTION

Instructions that, if ignored, could result in personal injury or material damage caused by incorrect operation of the equipment. These must be observed for safe operation.

IMPORTANT

Instructions including important information. To avoid damage and injury or improper use of the product, be sure to read these indications.

NOTE

Instructions including notes for operation and additional explanations.



Indicates an operation that must not be performed. Read these items carefully, and make sure not to perform the described operations.

Sample Screens

The sample LX-P1300 printer driver screens displayed in this manual were created with Windows 10.

Trademarks

- Canon and the Canon logo are trademarks of Canon Inc.
- Microsoft and Windows are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.
- Other brand and product names may be trademarks or registered trademarks of their respective companies.

Abbreviations

Throughout this document the following abbreviations are used in text.

- Microsoft Windows 11 is abbreviated as "Windows 11"
- Microsoft Windows 10 is abbreviated as "Windows 10"
- Microsoft Windows is abbreviated as "Windows"

Request to the Customer

- Copying this manual or any part of this manual without permission is strictly forbidden.
- The specifications for this printer and software provided with the printer are subject to change without prior notice.
- We have done our best to make this manual as complete and accurate as possible, and we ask you to contact your place of purchase. If you find any omissions or mistakes in this manual.
- We can accept no responsibility for loss or damages resulting from the use of this printer or its software; please accept this before you use the printer.

Legal Notice

■ Legal Limitations on the Usage of Your Product and the Use of Images

- It is illegal to reproduce currency, bills, negotiable securities and other documents prohibited by law. Reproduction of such items may be subject to criminal prosecution.
- It is illegal to reproduce legal certificates, licenses, and certain public and private documents prohibited from reproduction by law. Reproduction of such items may be subject to criminal prosecution.
- Please note that intellectual property protected by copyright may not be reproduced without the express permission of the copyright holder except for personal or household use under limited circumstances.

■ Product Name

LX-P1300

LX-D1300

■ FCC (Federal Communications Commission)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of shielded cable is required to comply with class B limits in Subpart B of Part 15 of FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Chapter 1

Basic Operation

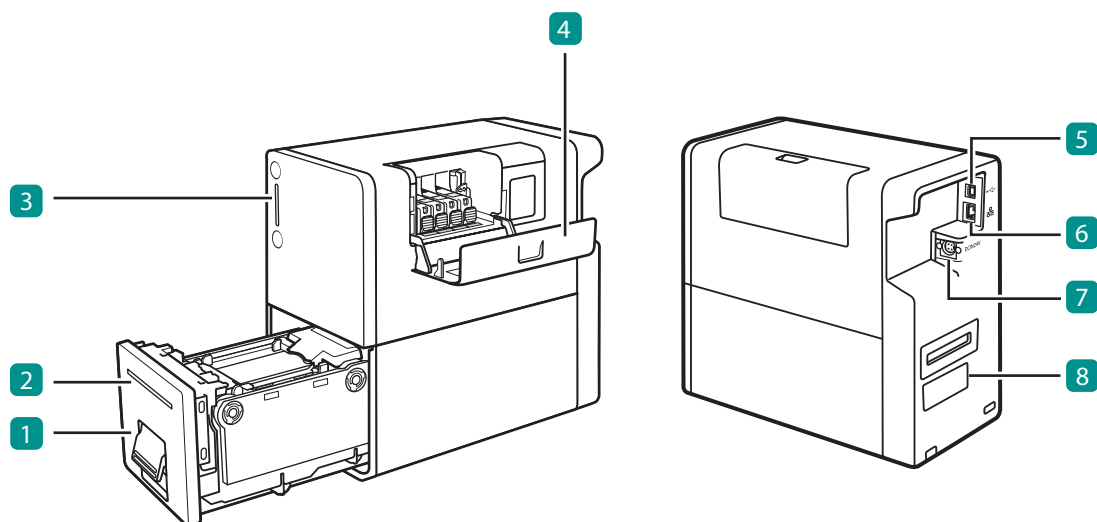
This chapter describes basic things to remember before using this product.

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Names and Functions of Components

Names and functions of the components of this printer are described below.

External View



1 Transport Unit (P.4)

Pull out this unit when setting paper.

2 Ejection Slot

Printed paper is ejected through this slot.

3 Operation Panel (P.5)

Keys for selecting printer operations and lamps indicating printer statuses are provided on this panel.

4 Ink Tank Cover

Open this cover when replacing ink tanks.

5 USB Connector

Connect a USB cable to this connector.

6 LAN Connector

Connect a LAN cable to this connector.

7 Power Socket

Connect the supplied AC adapter to this socket.

8 Rating Plate Label

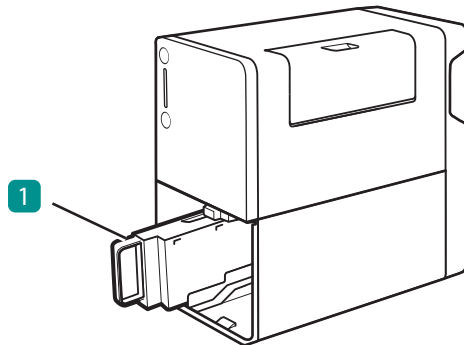
A serial number for identifying the printer is shown on this plate.

(The serial number is required when you contact customer support or require any sort of printer repairs.)

✓ IMPORTANT

- While the printer is operating, do not open the ink tank cover or the transport unit lever. It could cause a printer failure.

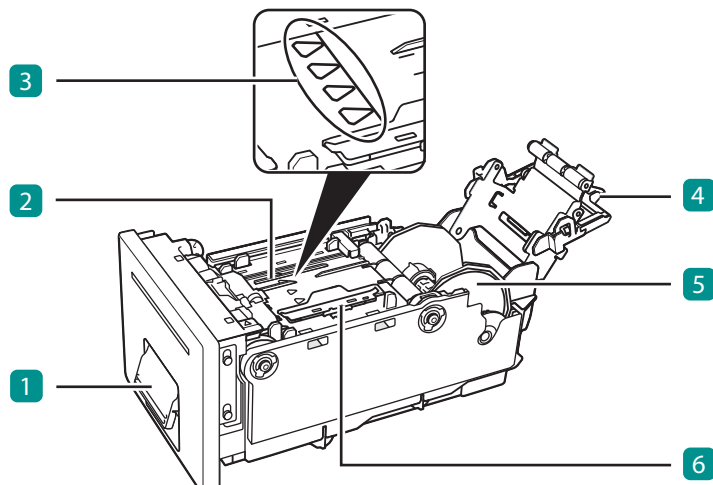
Internal View



1 Maintenance Cartridge

Ink used to clean printhead is collected in this cartridge.

Transport Unit



1 Transport Unit Lever

Open this lever to pull out the transport unit.

2 Transport Area

Transports paper here.

Clean the transport area when stained with paper dust and ink.

3 Paper Alignment Line

Align the paper leading edge with this line.

4 Paper Set Lever

Secure paper to the transport unit using this lever.

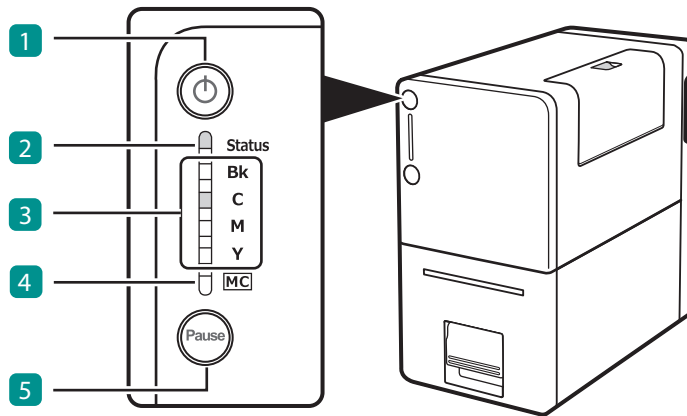
5 Roll Holder

Set paper here.

6 Paper Guide

This guide presses on paper so that paper does not float. Move it to fit the width of paper.

Operation Panel



1 Power Key/Lamp

Press this key to turn on/off the printer. This lamp lights up or blinks depending on the power supply status.

On: The printer is powered on.

Blink: The printer is in sleep mode (power-saving mode).

Off: The printer is powered off.

2 Status Lamp

This lamp lights up or blinks green or orange.

Lit (green): Printing from the computer is possible (online mode).

Blink (green): The printer is processing or operating (printing, cleaning, etc.)

Lit (orange): An operator call error has occurred.

Blink (orange): A service call error has occurred.

Off: Instructions and print data cannot be received from the computer (offline mode).

3 Ink Lamps (Bk/C/M/Y)

Each lamp lights up or blinks when there is no ink available for printing or the ink tank is low.

Lit: There is no ink available for printing or the ink tank is faulty.

Blink: The ink tank is low.

Off: The ink tank is full.

4 Maintenance Cartridge Lamp

This lamp lights up or blinks when there remains little or no maintenance cartridge space to collect ink.

Lit: The maintenance cartridge is full or faulty.

Blink: The maintenance cartridge is running out of space.

Off: The maintenance cartridge has free space.

5 Pause Key

Press this key to switch between online and offline modes.

When printing is in progress, pressing this key stops printing temporarily. Pressing this key again resumes printing.

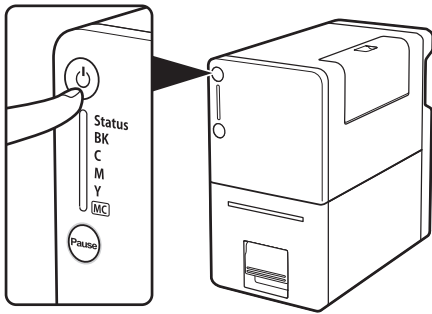
NOTE

- When the printer is in the sleep mode, the Status lamp, Ink Lamps, and Maintenance Cartridge Lamp stay off regardless of the status of the printer, ink tanks, and maintenance cartridge.

Turning the Printer On/Off

How to Turn the Printer On

- 1 Press the power key.



- The status lamp blinks (green), and then lights up.

NOTE

- **About the Sleep Timer (P.8)**

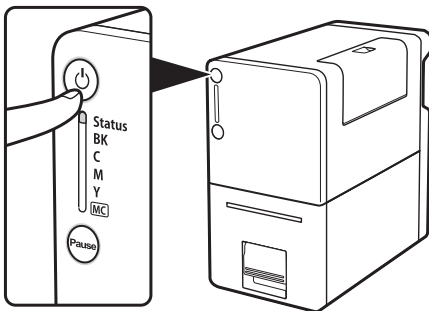
The printer will automatically enter sleep mode when a predetermined amount of time elapses without printing. By default, the time is set to 4 minutes.

How to Turn the Printer Off

1 Make sure the printer is not operating.

When the status lamp is blinking (green), the printer is operating. Make sure the status lamp lights up (green) before turning the printer off.

2 Press and hold the power key until the status lamp goes out.



- When the power lamp stops blinking, the printer is turned off.
- When the status lamp is off, press and hold the power key for at least 1 second.

✓ IMPORTANT

- Make sure the power lamp is off before removing the power plug. Removing the power plug while the power lamp is lit or blinking could result in a dry print head and paper jams and poor quality prints.
- If the printer will not be used for a long period of time, disconnect the power cord, AC adapter, and interface cable.

📖 NOTE

- **About the Off Timer (P.10)**
After switching to sleep mode, if the printer is not in use for 240 minutes (4 hours), the printer will automatically turn off.

Changing the Power Settings

■ Switching the Printer to the Sleep State

IMPORTANT

- The printer cannot be switched to the sleep state when printing is in progress or when an error has occurred.

NOTE

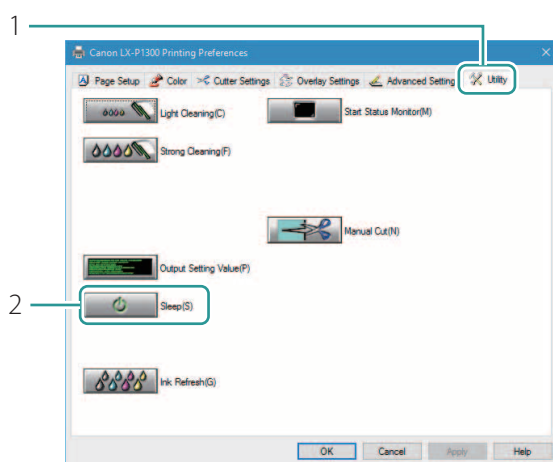
- When the following cases occur, the printer is automatically switched back from the sleep state to the online state:
 - When the power key is pressed
 - When print data is received
 - When cleaning, etc. is performed

1 Make sure the printer is in the online state (the status lamp is lit (green)).

If the printer is in the offline state (the status lamp is off), press the power key to switch the printer back to the online state.

2 Display the printer driver setup window from the application software. (P.30)

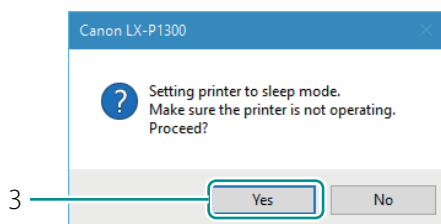
3 Switch the printer to the sleep state.



1. Click the [Utility] tab.

2. Click [Sleep].

- A confirmation message appears.



3. Review the message, and then click [Yes].

- The power lamp blinks slowly, and the printer is switched to the sleep state.

■ Changing the Sleep Timer/Off Timer Setting

If the printer is not operated for a predetermined amount of time, it can automatically switch to the sleep state (sleep timer), or automatically turn off (off timer).

IMPORTANT

- Administrative privileges over this printer are required to configure printer settings.
If a user without administrative privileges proceeds with configuration of settings, a message "You do not have rights to printer management. Please contact your system administrator." appears.
For more details, see "[Administrative privileges required for certain features \(P.41\)](#)".
- When printing is in progress or an error has occurred, you cannot change the set time.

NOTE

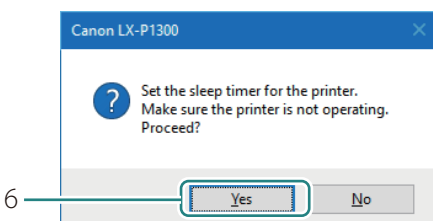
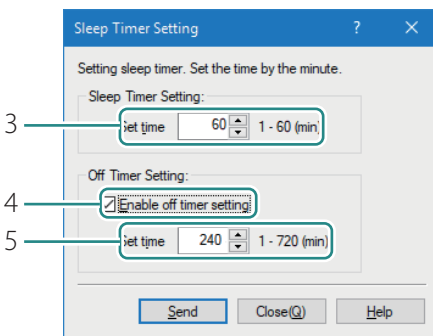
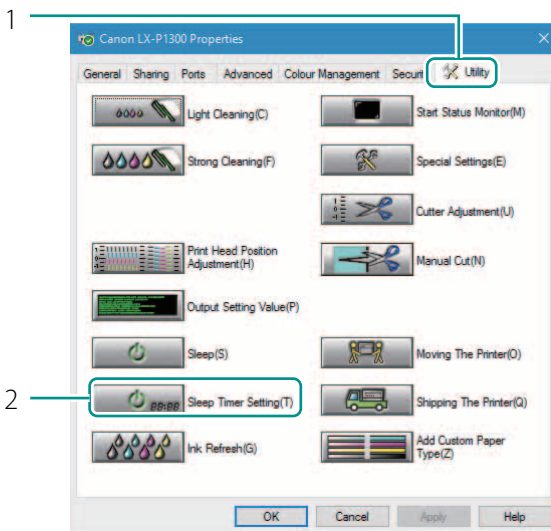
- By default, the sleep timer is set to 4 minutes and the off timer is set to 240 minutes (4 hours).
- For the off timer, set how much time must elapse after switching to sleep mode before the printer is turned off.

1 Make sure the printer is in the online state (the status lamp is lit (green)).

If the printer is in the offline state (the status lamp is off), press the power key to switch the printer back to the online state.

2 Open the properties window of the printer driver. [\(P.31\)](#)

3 Set the sleep timer.



Loading the Paper

IMPORTANT

- When replacing paper after the printer has run out, peel off the tape affixed at the end of the remaining paper. Removing the remaining paper through the ejection slot without peeling off the tape could cause a printing failure.
- When setting new paper which is larger than the paper that has been used, check in advance that the transport area and paper guide are not stained with ink. If the transport area or paper guide is stained with ink, clean the transport unit. For how to clean the transport area and paper guides. (P.146)
- Use the dedicated paper. Using other paper could cause blurred or faint printing or have a negative impact on the printer, resulting in a printer failure.

NOTE

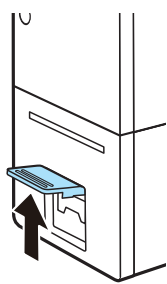
- Types of paper that can be used with this printer are as follows:
 - Matte coated paper
 - Glossy paper
 - Synthetic paper

Please contact your place of purchase for paper specifications and availability.

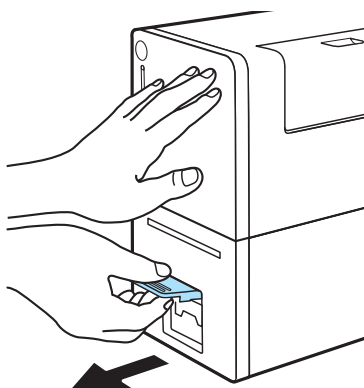
1 Make sure the power lamp is lit.

If the power lamp is off, press the power key to turn the printer on. (P.6)

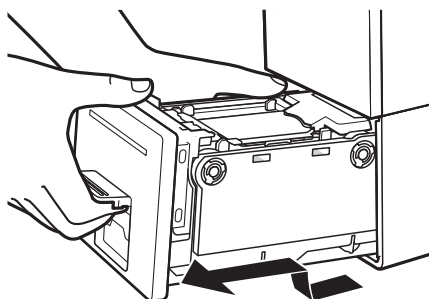
2 Pull the transport unit out of the printer.



1. Raise the transport unit lever.



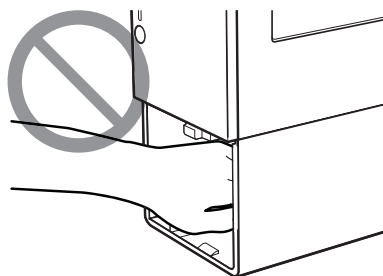
2. Pull this lever while holding the printer with one hand so that it does not move.



3. Pull the transport unit out with both hands as shown in the figure.

CAUTION

- When pulling the transport unit out of the printer, hold it securely with both hands so that it does not fall down.
- Do not put your hands inside the printer. Failure or physical injury could result. Ink adhered inside of the printer could stain clothes or hands.



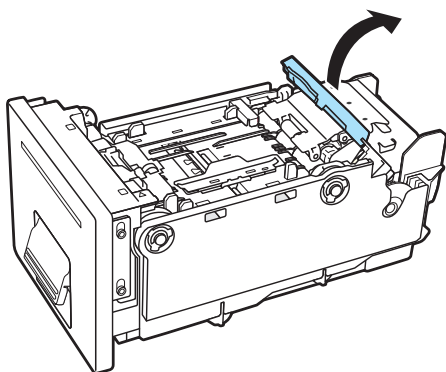
IMPORTANT

- When pulling the transport unit out of the printer or inserting it in the printer, be careful not to hit it strongly against the table or shelf. The surface of the table or shelf could be damaged.

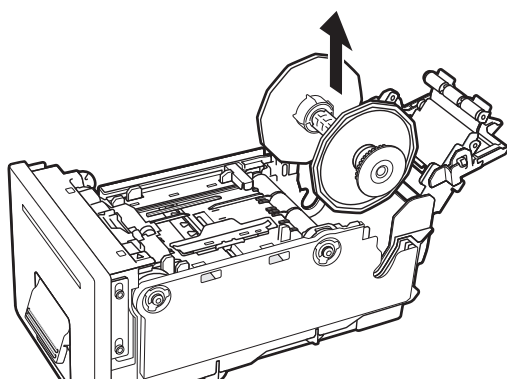
3 Remove the roll holder from the transport unit.

- When setting paper for the first time: (Refer to P.15)
- When replacing paper after the printer has run out of paper: (Refer to P.16)
- When replacing with paper of a different type or size: (Refer to P.18)
- When setting paper for the first time

1. Open the paper set lever.

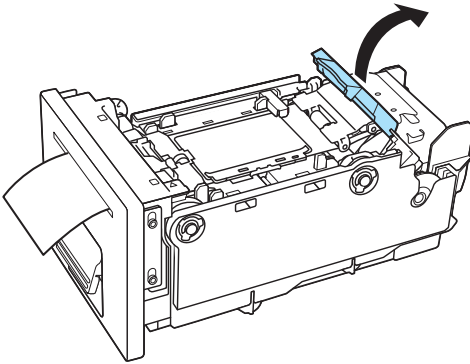


2. Remove the roll holder.

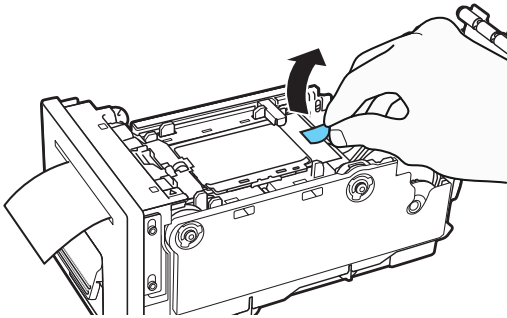


● When replacing paper after the printer has run out of paper

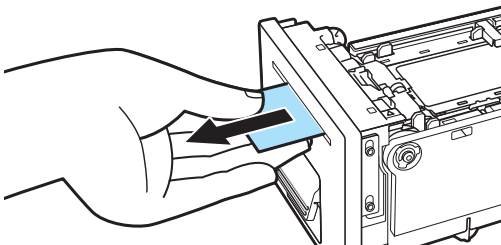
1. Open the paper set lever.

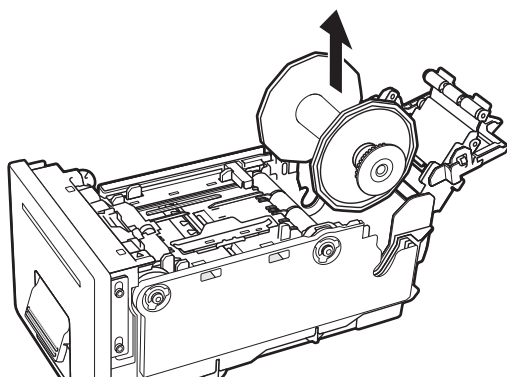


2. Peel off the tape affixed at the end of the remaining paper.



3. Pull the remaining paper out through the paper ejection slot.





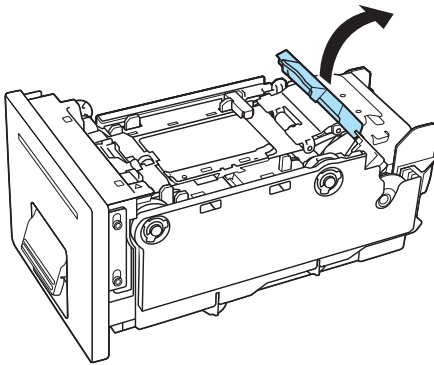
4. Remove the roll holder.

✓ **IMPORTANT**

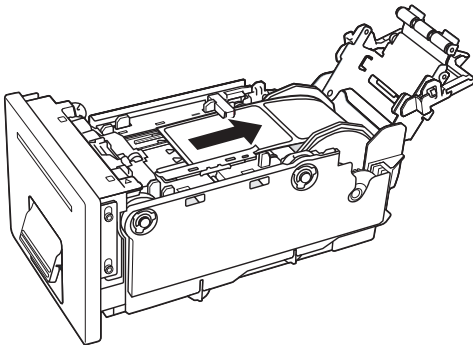
- When replacing paper before the printer has finished printing, ensure that the new paper is the same type and size of the paper to be replaced. Using new paper of a different type or size could cause a printing error.

● When replacing with paper of a different type or size

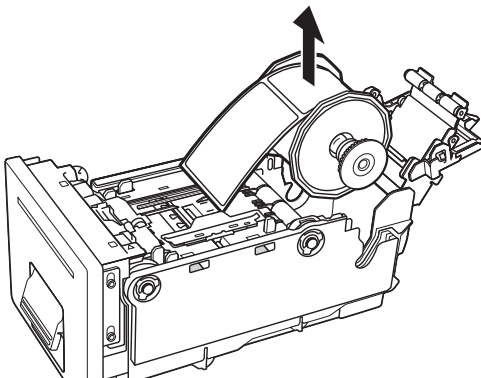
1. Open the paper set lever.



2. Pull the paper set out between the paper guides onto the roll holder.



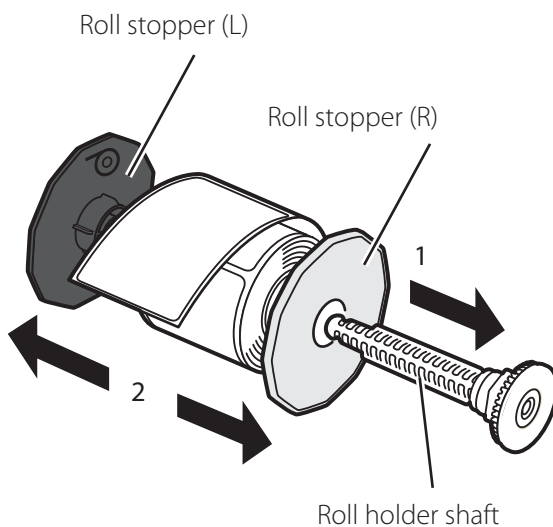
3. Remove the roll holder.



✓ IMPORTANT

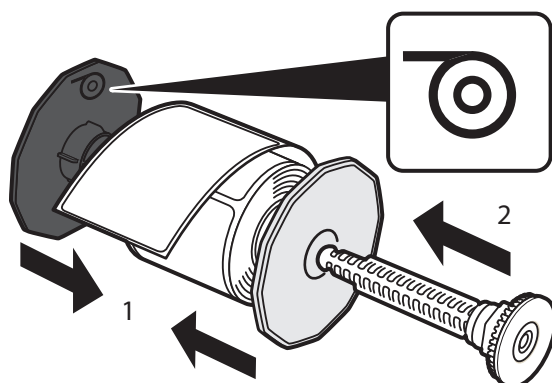
- Before removing the roll holder, be sure to pull the paper out of the paper guides. Removing the roll holder with paper still set between the paper guides could damage the paper guides or sensor.

4 Remove paper or a paper core from the roll holder.



1. Remove the roll holder shaft.
2. Remove the roll stopper (L) and roll stopper (R).

5 Set new paper.

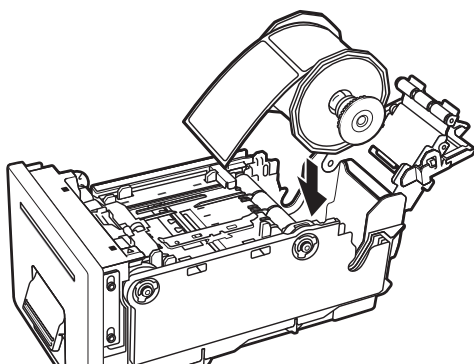


1. Attach roll stoppers to paper.

- Attach the roll stoppers to paper so that paper is fed as indicated by the mark on the roll stopper (L).
- Push the roller stoppers until they are pressed against paper without clearance.

2. Insert the roll holder shaft until it clicks.

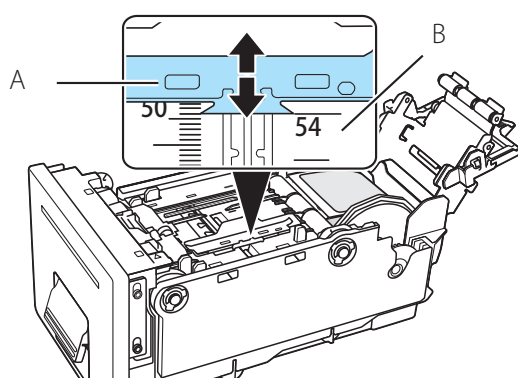
6 Set the roll holder in the transport unit as shown in the figure.



NOTE

- If two or more types or sizes of paper are used, use of optional roll holders is recommended. For how to purchase the optional holders for this printer, contact your place of purchase.

7 Set the paper guide.



- While pressing on the top of the paper guide (A), move it to the paper width index (B) corresponding to the paper width.
- For example, in the illustration shown on the left, the guide has been moved to the guide position "54 mm."

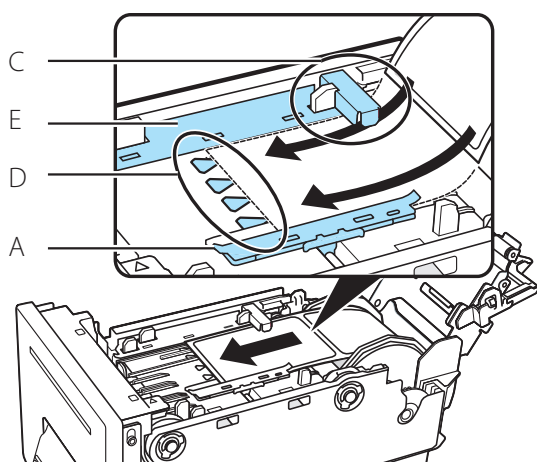
NOTE

- For the default paper size, set the paper guide at the position shown in "Table 1 Guide positions of paper." For the paper of custom paper size, confirm the guide position in advance using the printer driver. For more details, see ["Printing with the Custom Paper Size \(P.44\)"](#).

Table 1: Guide positions of paper

Paper name	Guide position (mm)
1 x 1.5 Label/Gap	28
2 x 1.5 Label/Gap	54
2 x 3 Label/Gap	54

8 Set paper.



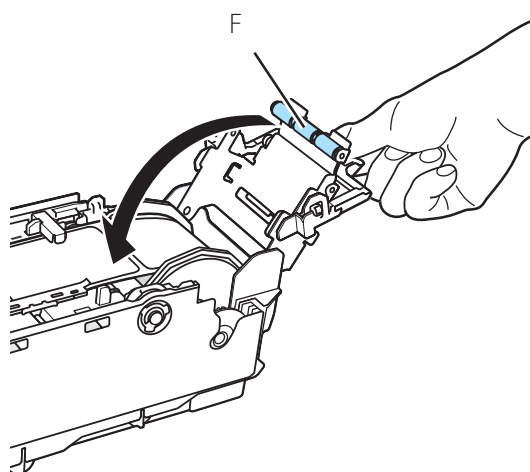
1. Pass the paper leading edge under the sensor (C), and align it with the paper alignment line (D).

- Check that paper does not float above the paper guides (A and E).
- If it is hard to feed paper in, check whether the paper guide is positioned properly. (P.21)

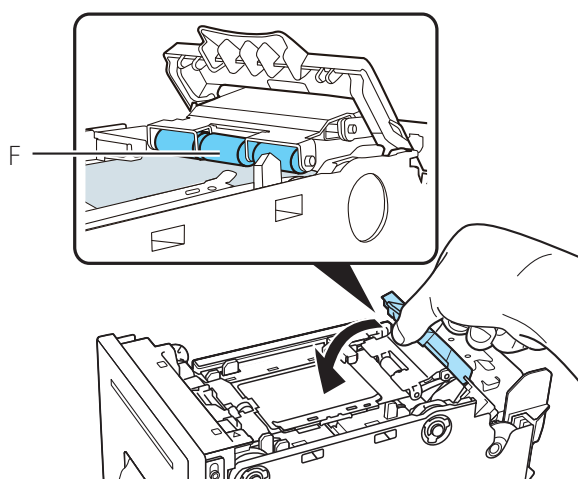
✓ IMPORTANT

- If there is a large slack in the paper roll, remove the roll and tighten the paper. Paper with a large slack may touch the paper set lever, causing the printer to malfunction.

9 Fix paper.



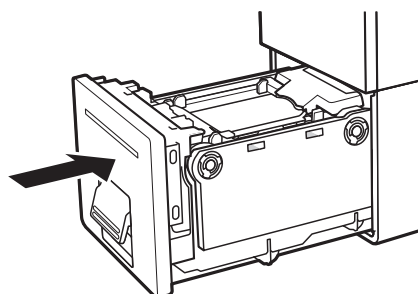
1. Hold the paper set lever as shown in the figure.
2. Press the rollers (F) onto the paper surface.



3. Make sure the rollers (F) are firmly pressed onto the paper surface, close the paper set lever.

- If the rollers are not firmly pressed onto the paper surface, the paper set lever can not be closed.

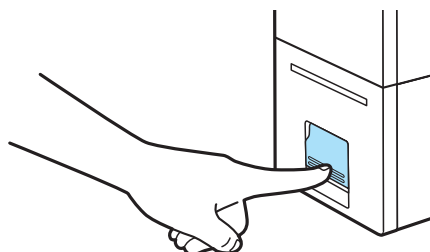
10 Set the transport unit in the printer.



1. Slowly insert the transport unit as far as it will go.

- If there is an interference in inserting the transport unit, check that the paper set lever is closed properly. (P.22)

2. Push the transport unit lever until it clicks.



CAUTION

- When returning the transport unit back inside the printer, be careful not to get your fingers caught between the transport unit and the inside of the printer.

IMPORTANT

- If the printer will not be used for a long period of time, remove the paper from the printer to prevent it from discoloring. Place the removed paper in its original plastic bag or box, and store it in a place where it will not be exposed to high temperature, high humidity, and direct sunlight.
- It is recommended that unpacked paper be used up in the shortest time possible.
- Do not print outside the printable area of the dedicated paper.
- When replaced with paper of a different type or size, change the printer driver settings. Printing on paper of the wrong size could stain the paper guides and transport area. If they are stained, clean them appropriately. For how to clean the transport area and paper guides. (P.146)
- Store the transport unit with it set in the printer.

How to Print

The basic printing procedure is described below.

Making Prints

The basic procedure for making prints is described below.



NOTE

- The printing procedure may be different depending on the application software you use. For more details, refer to the Instruction Manual that comes with your application software.
- Take care that the computer does not allow to enter a sleep state during printing. The printer is designed to discard data received from the computer when the computer returns from a resting or sleep state to an operating state.
Selecting "Never" in the [Power and Sleep] or [Power & battery] will prevent the computer from entering a sleep state. Follow the procedure below.
 - Start > Settings > Power and Sleep (or Power & battery)

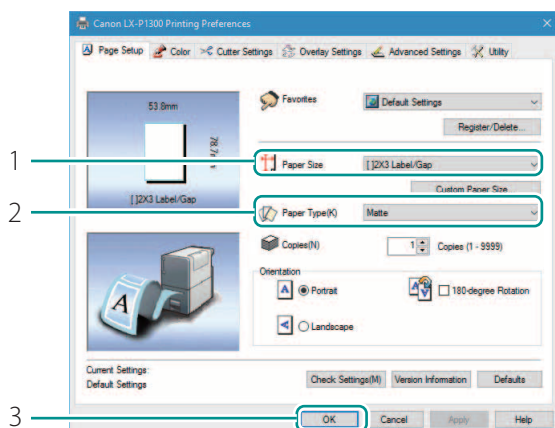
1 Open the document you want to print and then the [Print] dialog box.

Select [Print] from the [Files] menu (or the toolbar) of the application software.

2 Open the printer driver setup window.

Select [Canon LX-P1300] (or [Canon LX-D1300]), and then click [Preferences] or [Properties].

3 Set the paper size and type.



1. Select the paper size.
 - Select [2x3 label/gap].
2. Select the paper type.
 - Select [Matte].
3. Click [OK].

✓ IMPORTANT

- Selecting the wrong paper size could stain the transport area and paper guides. For how to clean the transport area and paper guides. (P.146)

📖 NOTE

- Selecting the wrong paper type could result in poor quality prints.

4 Click [Print] in the [Print] dialog box.

Printing starts.

✓ IMPORTANT

- While the printer is printing, observe the following precautions:
 - Do not open the ink tank cover and transport unit lever. It could cause a printer failure.
 - Shock or vibrations could cause a paper jam or printer failure.
- Before printing, check that the paper set in the printer is the same as the paper set with the printer driver in terms of size, shape and type.
- Do not pull the printed paper through the ejection slot. It could cause a printer failure.
- If the printer is turned off while it is operating (for example, the power plug or AC adapter is disconnected or a

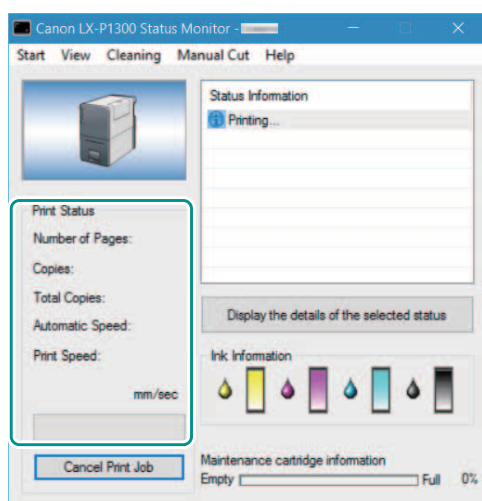
blackout occurs), do not draw out the transport unit immediately. Turn the printer on again before performing any operation. Drawing out the transport unit forcibly without turning the printer on again could cause a machine failure.

- If the application software and printer driver have the same setting items such as Paper Size, Orientation, and Copies, the settings made by the application software may be given priority.
- The print settings made by the application software are used only by this application software. To make print settings which can be commonly used by multiple application software, open the [Printers & scanners]. For more details. (P.31)
- If the paper size you want to select is not found in the list, set the Custom Paper Size (or the Customize). For more details. (P.44)

NOTE

• Checking the Current Printing Status.

The status monitor allows you to check the printing status.



[Number of Pages]

The number of the page currently being printed is displayed.

[Copies]

The progress of printing of each page is displayed.

For example, when the printer is set so as to print ten copies of a document consisting of three pages, "0001/0010" to "0010/0010" are displayed sequentially during printing of the first page.

The progress bar shows the number of printed copies of each page.

[Total Copies]

The total number of copies which have been printed by the current job is displayed.

[Automatic Speed]

Whether the automatic speed function is turned ON or OFF is displayed.

[Print Speed]

The currently set print speed is displayed.

- **Displaying Help Topics**

Displaying help topics from the Settings screen of the printer driver allows you to read descriptions of functions and setting procedure.

- To read detailed descriptions of functions and setting procedure

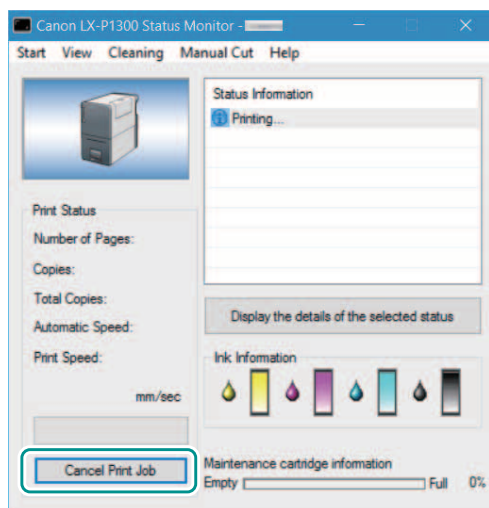
When you want to read detailed description of printer driver functions and setting procedure, click [Help] on the Settings screen of the printer driver.

- To read the description of a setting item

Right-click on the character string of the setting item, and then click [Help].

Cancel Printing

To cancel printing, click [Cancel Print Job] on the status monitor.



When printing stops, paper is moved to the cutting position to be cut.

The current print job and jobs that are processing or receiving data in the printer are also canceled. In addition, all print data in process in the computer are canceled.

NOTE

- **Stopping Printing Temporarily**

To stop printing temporarily, press the pause key on the operation panel.

- If the Status Monitor is not displayed, check the following items.
 - Click the Status Monitor icon to retrieve the Status Monitor window as the window may be minimized.
 - Confirm that the auto start function for the Status Monitor is not disabled. (P.101) To start the Status Monitor, click [Start Status Monitor] in the [Utility] tab. (P.100)
- Besides the Status Monitor, you can cancel printing from the Print Queue window (a window in which print data job are registered). Follow the steps below to open the Print Queue window.
 1. Click the search icon on the taskbar, type "Printers & Scanners" in the search box on the taskbar.
 2. Click [Printers & scanners].
 3. Select [Canon LX-P1300] (or [Canon LX-D1300])) > [Open queue].

Configuring Print Settings

Configure print settings using the printer driver.

Methods of displaying the printer driver and the setup window are described below.

Opening the Printer Driver

- **Opening the printer driver setup window from the application software (P.30)**

The settings are only effective for the current open document.

- **Opening the printer driver setup window from the [Printers & scanners] (P.31)**

The settings are effective for all documents.

- **Opening the Properties window (P.31)**

Display the [Utility] tab to perform printer maintenance or change printer settings.

■ Opening the Printer Driver Setup Window from the Application Software

NOTE

- The procedure may be different depending on the application software you use. For more details, refer to the instruction manual that comes with your application software.

1 Select [Print] from the [Files] menu or toolbar of the application software.

The [Print] dialog box appears.

2 Select [Canon LX-P1300] (or [Canon LX-D1300]) and then click [Preferences] (or [Properties]).

The printer driver setup window appears.

■ Opening the Printer Driver Setup Window from the [Printers & scanners]

1 Click the search icon on the taskbar, enter [Printers & scanners] in the search box.

2 Click [Printers & scanners].

3 Click this printer, and then select [Manage] > [Printing Preferences].

- For Windows 11

Click this printer, and then select [Printer Preferences].

The printer driver setup window appears.

✓ IMPORTANT

- The settings that can be configured on the [Utility] tab of the printer properties window are different from those that can be configured on the [Utility] tab of the printing preferences window. (P.39)

■ Opening the Printer Properties Window

1 Click the search icon on the taskbar, enter [Printers & scanners] in the search box.

2 Click [Printers & scanners].

3 Click this printer, and then select [Manage] > [Printer Properties].

- For Windows 11
Click this printer, and then select [Printer Properties].

The printer properties window appears.

✓ IMPORTANT

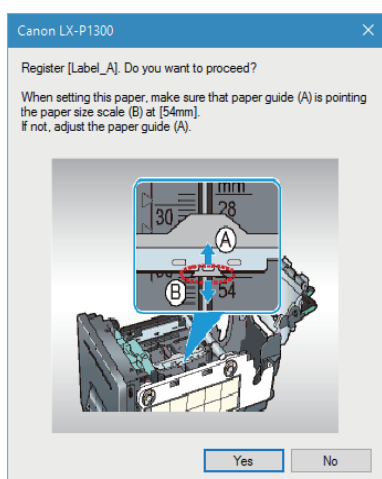
- Some Windows functions and print settings are displayed in the printer properties window. Print settings are located in the [General] tab and the [Utility] tab of the printer properties window. Refer to Windows product documentation for information related to Windows functions.
- The settings that can be configured on the [Utility] tab of the printer properties window are different from those that can be configured on the [Utility] tab of the printing preferences window. (P.39)

📖 NOTE

- **About the Guide Position Confirmation Message**

When closing the printer properties window, a message will be displayed regarding the paper guide position. To prevent this message from being displayed, check the "Do not display this message again." check box and then click [OK].

To allow this message to be displayed again, you need to reinstall the printer driver. For the printer driver installation procedure, refer to the "Getting Started Guide."

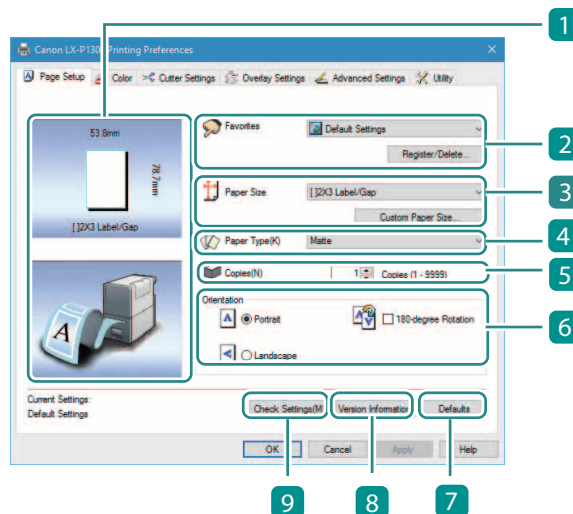


Printer Driver Setup Window Configuration

The printer driver setup window consists of the [Page Setup] tab, [Color] tab, [Cutter Settings] tab, [Overlay Settings] tab, [Advanced Settings] tab, and [Utility] tab.

■ [Page Setup] tab

On the [Page Setup] tab, can be configured paper-related settings and specify the number of copies, print orientation, etc.



1 Preview window showing the current settings

The current settings of paper size and print orientation are shown.

Upper pane: Paper Size (3)

Lower pane: Orientation (6)

2 Favorites (P.87)

Register frequently used paper so it can be conveniently selected from the pull-down menu. Clicking [Register/Delete...] allows to register or delete a favorite setting.

3 Paper Size

Select the size of the paper to use for printing from the pull-down menu.

Clicking [Custom Paper Size...] allows to set the paper size as desired (P.44)

4 Paper Type

Select a paper type from the pull-down menu.

5 Copies

Specify the number of copies to print.

6 Orientation

Specify the orientation of paper to print on.

7 [Defaults]

Clicking this button restores the default settings on the [Page Setup] tab.

8 [Version Information]

Check the information about the version and copyright of the printer driver by clicking this button.

On the displayed screen, clicking [Obtain Printer Information] displays the information of the currently connected printer.

9 [Check Settings]

Clicking this button allows to check the print settings registered in [Favorites].

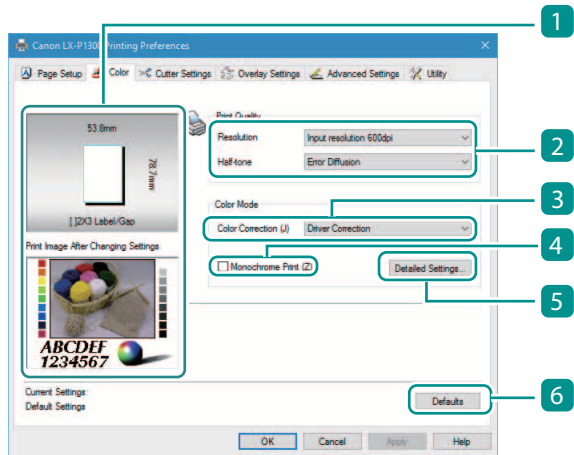
On the displayed screen, clicking [Copy] allows you to copy the settings. To read the copied settings, paste them to the page of application software such as Notepad.

 NOTE

- Keep the following points in mind when running [Obtain Printer Information].
 - Close the status monitor if it is running.
 - If this function is run on a shared printer, make sure the status monitor has not been launched on the client when working on a server, or has not been launched on the server when working on the client. The process may not be completed correctly if the status monitor is running.
- When a paper type associated with profile (the start character is "*") is selected, the [Color Correction], [Print the gradation smoothly] and [Brightness] cannot be adjusted.

■ [Color] tab

On the [Color] tab can be configured settings of print quality and color.



1 Preview window showing the current settings

The paper size currently set on the [Page Setup] tab and the print image finished with color correction on the [Color] tab are displayed.

Upper pane: Paper Size
([Page Setup] tab [3](#))

Lower pane: Print image after color correction

2 Print Quality [\(P.52\)](#)

Using [Resolution] and [Half-tone], printing can be executed with your desired print quality.

3 Color Correction [\(P.54\)](#)

Set the color correction method.

4 Monochrome Print [\(P.55\)](#)

Select this check box to make black-and-white prints.

5 [Detailed Settings...]

Clicking this button displays the [Detailed Settings] dialog box. Use this dialog box to correct color more finely.

6 [Defaults]

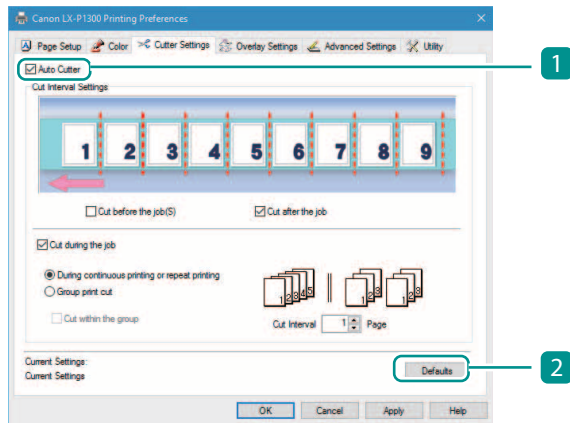
Clicking this button restores the default settings on the [Color] tab.

NOTE

- The settings configured on the [Detailed Settings] dialog box do not change even if you click [Defaults] on the [Color] tab.

■ [Cutter Settings] tab

On the [Cutter Settings] tab, the auto cutter settings can be configured.



1 Auto Cutter (P.77)

Select this check box when you want to use the auto cutter.

2 [Defaults]

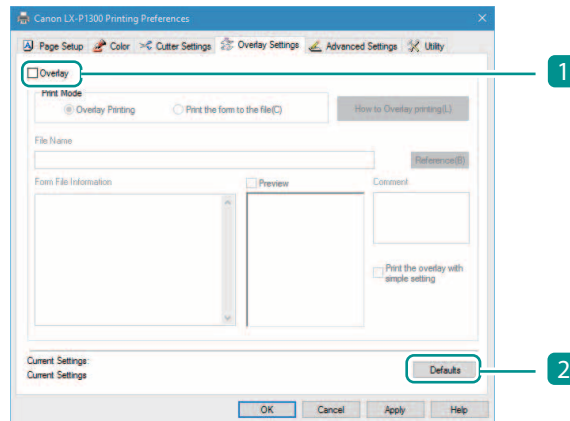
Clicking this button restores the default settings on the [Cutter Settings] tab.

NOTE

- Paper can be cut using the [Manual Cut] button. (P.84)

■ [Overlay Settings] tab

Overlay printing can be set in the [Overlay Settings] tab of the [Printing Preferences] Window.



1 Overlay (P.67)

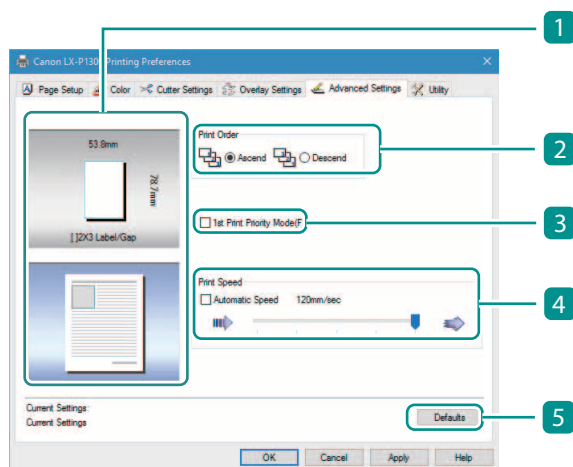
Select this check box to perform overlay printing.

2 [Defaults]

Clicking this button restores the default settings on the [Overlay Settings] tab.

■ [Advanced Settings] tab

Print order and print speed can be adjusted in the [Advanced Settings] tab of the [Printing Preferences] Window.



1 Preview window showing the current settings

The currently selected paper size is displayed.
([Page Setup] tab **3**)

2 Print Order

Specify the order of printing.
To print from the first page, select [Ascend]. To
print from the last page, select [Descend].

3 1st Print Priority Mode (P.74)

Selecting this check box accelerates printing on
the first sheet of paper.

4 Print Speed (P.75)

Selecting this check box allows you to set the
print speed.

5 [Defaults]

Clicking this button restores the default settings
on the [Advanced Settings] tab.

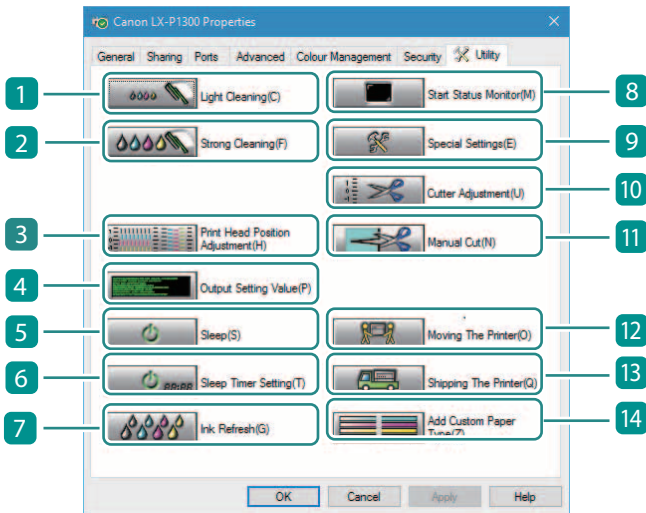
NOTE

- The settings on the [Print Order] do not take effect when the [Enable advanced printing features] check box is not selected on the [Advanced] tab displayed on the printer properties window.

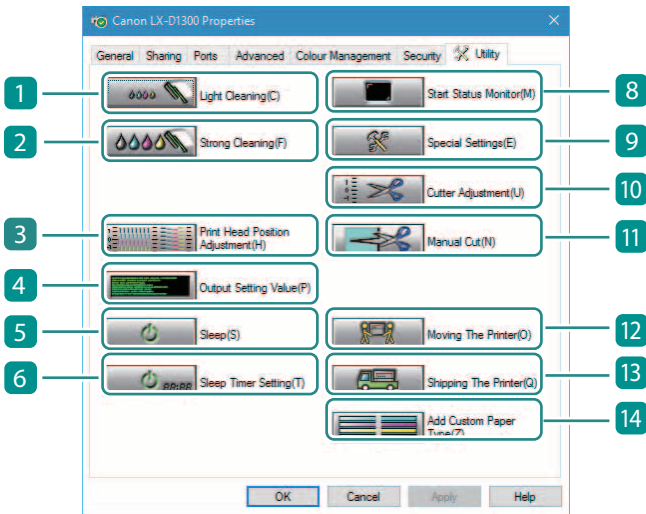
■ [Utility] tab

Perform printer maintenance or change printer settings on the [Utility] tab.

- For LX-P1300



- For LX-D1300



1 [Light Cleaning] (P.117)

Clicking this button cleans the print head.

2 [Strong Cleaning] (P.119)

Clicking this button cleans the print head more thoroughly than [Light Cleaning].

3 [Print Head Position Adjustment]* (P.121)

Clicking this button adjusts the print head position.

4 [Output Setting Value] (P.135)

Clicking this button outputs the current settings of this printer.

5 [Sleep] (P.8)

Clicking this button puts the printer into the sleep mode.

6 [Sleep Timer Setting]* (P.10)

Set the time that elapses before the printer enters sleep mode and the time that elapses before the printer is turned off, by clicking this button.

7 [Ink Refresh] (P.138)

Clicking this button allows ink to flow in the print head and ink path to maintain the ink quality. (LX-P1300 only)

8 [Start Status Monitor] (P.100)

Clicking this button displays the status monitor.

9 [Special Settings]* (P.91)

Configure special settings of this printer by clicking this button.

Normally, do not use this button.

10 [Cutter Adjustment]* (P.81)

Clicking this button allows to adjust the cutting position of the auto cutter.

11 [Manual Cut] (P.84)

Cut the paper at the desired position by clicking this button.

12 [Moving The Printer]* (P.176)

Clicking this button makes preparations for moving the printer indoors.

13 [Shipping The Printer]* (P.179)

Clicking this button prepares the printer to be transported.

14 [Add Custom Paper Type]* (P.95)

Allows the user to adjust ink jetting amounts and register them along with the paper type of new paper.

* Items displayed on the [Utility] tab of the printer properties window.

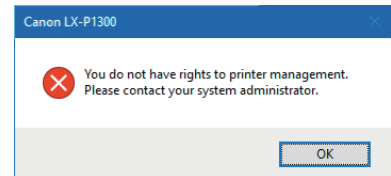
IMPORTANT

- The settings that can be configured on the [Utility] tab of the printer properties window are different from those that can be configured on the [Utility] tab of the printing preferences window.
- When configuring settings on the [Utility] tab, the printer must be powered and connected to the computer.

- **Administrative privileges required for certain features**

Administrative privileges over this printer are required when configuring settings (marked with *) on the [Utility] tab of the printer properties window.

If a user without administrative privileges over this printer attempts to configure settings, the following message will appear.



If this message appears, contact the administrator of the computer and proceed with operation following the procedure below.

1. Open the properties window of the printer. (P.31)

2. Click [Change Properties] in the [General] tab.

If the [User Account Control] screen appears, enter the password of the administrator of this printer.

Chapter 2

Printing

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Setting the Cutter.....	77
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Printing with the Custom Paper Size

It is possible to register a desired paper size (width, length, etc.) in the printer driver. "Effective ranges of paper size settings are as follows:

● Custom paper size

This setting is effective for all documents.

To register custom paper size, select the option from the [Paper Size] drop down menu. Up to 50 different paper sizes can be registered.

● Customize

This setting is effective only for the document that is currently open.

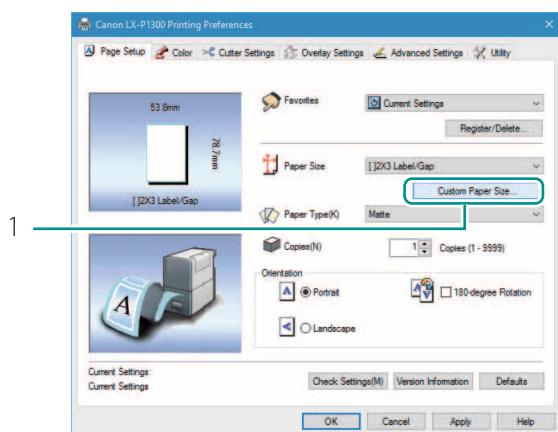
The procedure for registering the size of a unique paper, for example, "paper A" as a custom paper size is described below.

1 Open the printer driver setup window.

Open the printer driver setup window from the [Printers & scanners] (P.31)

- When setting the customize:
Open the printer driver setup window from the application software. (P.30).

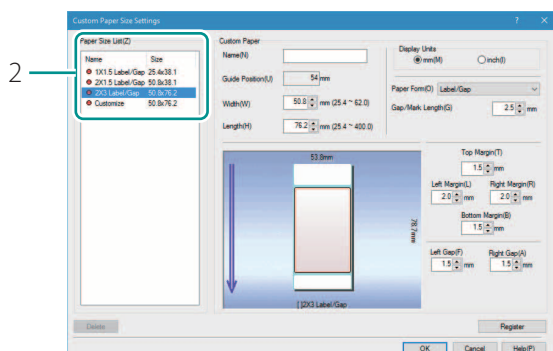
2 Display screen for registering the paper.



1. Click [Custom Paper Size] on the [Page Setup] tab.

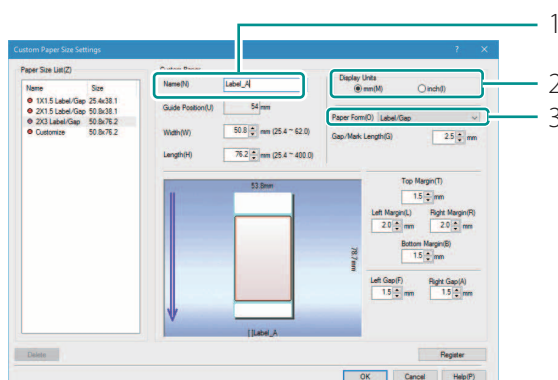
- When setting the customize:
Select [Customize] from the [Paper Size] pull-down menu on the [Page Setup] tab, and then click [Custom Paper Size...].

Go to step **3**.



2. Select a basic paper size from [Paper sizes list].

3 Enter information about new paper.



1. Enter the name of new paper in the [Name] text box.

- Enter up to 15 characters. Spaces and tabs cannot be used.
- When setting the customize: The paper name cannot be changed.

2. Select a display unit.

3. Select a paper from the [Paper Form] pull-down menu.

[Label/Gap]

Normal label paper. The leading edge of paper is recognized on detecting a label gap.

[Label/Marker]

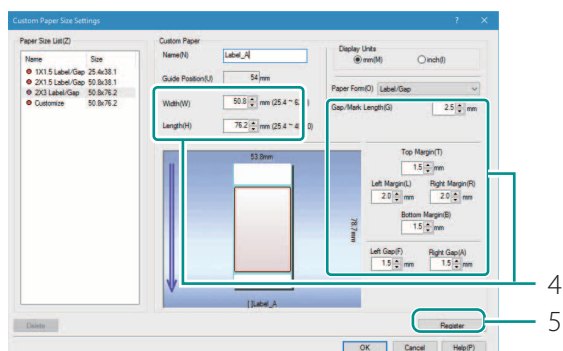
A TOF mark is printed on the back of label paper to identify the leading edge of the paper.

[Tag/Marker]

A TOF mark is printed on the back of tag paper to identify the leading edge of the paper.

[Tag/No TOF]

No TOF mark is printed on the back of tag paper.

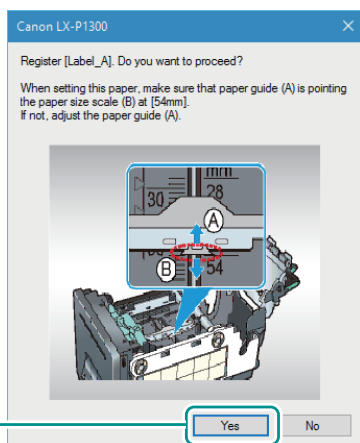


4. Enter the paper size.

- When the paper size is set, the guide position where the paper guide is set is displayed in the [Guide].
- Items to be set differ depending on the paper form.
- For the ranges of settable values, see ["Ranges of Custom Paper Sizes \(P.48\)"](#)

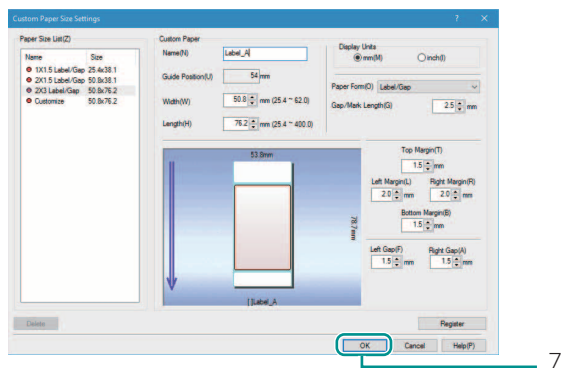
5. Click [Register].

- A confirmation message appears.



6. Click [Yes].

- If the paper size has been changed, it is necessary to set the guide position of the paper guide.
- For how to set the guide position of the paper guide, see ["Loading the Paper \(P.12\)"](#).



7. Click [OK].

4 Complete registration of the paper size.

Click [OK] in the printer driver setup window.

Printing will take place according to the specified paper size.



NOTE

- **Deleting the Registered Custom Paper Size**

Select the paper size you want to delete from [Paper Size List] and then click [Delete].

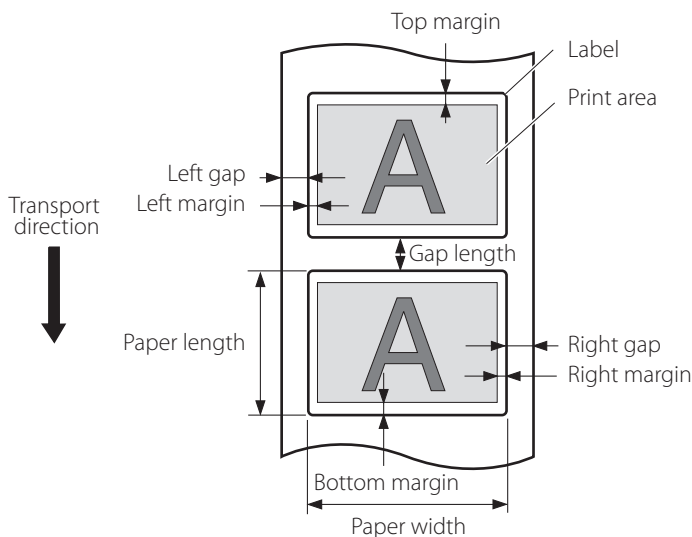
- Can not be deleted preregistered default paper sizes (marked with .

■ Ranges of Custom Paper Sizes

Custom paper sizes can be entered values within the ranges indicated in the table below.

● Label/Gap

This is standard label paper. The printer recognizes the leading edge of paper by detecting the gap ^{*1} between the two adjacent labels.



^{*1} Gap: Space between separator (label-mount) and label (upper paper)

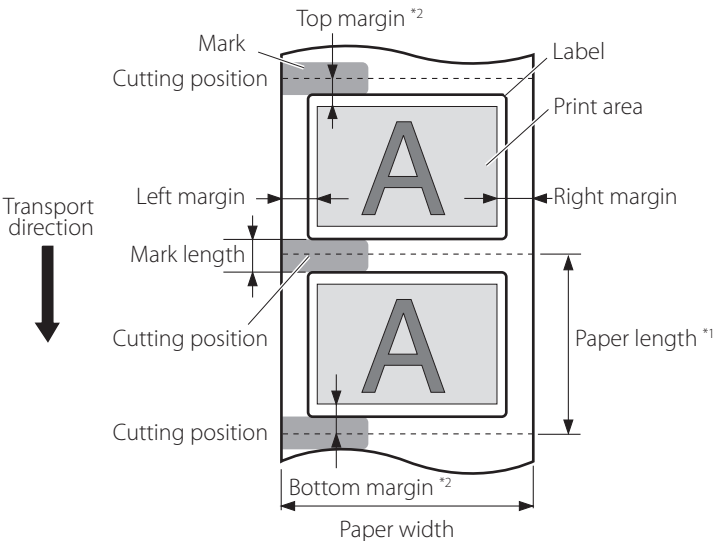
Paper width	25.4 mm to 62.0 mm (1.00 inch to 2.44 inch)
Paper length	25.4 mm to 400.0 mm (1.00 inch to 15.75 inch)
Top margin	1.5 mm to (Paper length - 1.0 - Bottom margin) mm (0.06 inch to (Paper length - 0.04 - Bottom margin) inch)
Bottom margin	1.5 mm to (Paper length - 1.0 - Top margin) mm (0.06 inch to (Paper length - 0.04 - Top margin) inch)
Left margin	1.5 mm to (Paper width - 1.0 - Right margin) mm (0.06 inch to (Paper width - 0.04 - Right margin) inch)
Right margin	1.5 mm to (Paper width - 1.0 - Left margin) mm (0.06 inch to (Paper width - 0.04 - Left margin) inch)
Gap length	2.5 mm to 6.4 mm (0.10 inch to 0.25 inch)
Left gap	0.5 mm to 2.5 mm (0.02 inch to 0.10 inch)
Right gap	0.5 mm to 37.1 mm (0.02 inch to 1.46 inch)

IMPORTANT

- Set the paper size so that the following conditions are met:
 - The total of the paper width, left gap, and right gap is 28.4 mm (1.12 inch) or more.
 - The total of the left margin and left gap or the total of the right margin and right gap is 3.5 mm (0.14 inch) or more.

Label/Marker

This is a type of label paper with marks printed on its back surface. The printer recognizes the leading edge of the paper by detecting the marks.



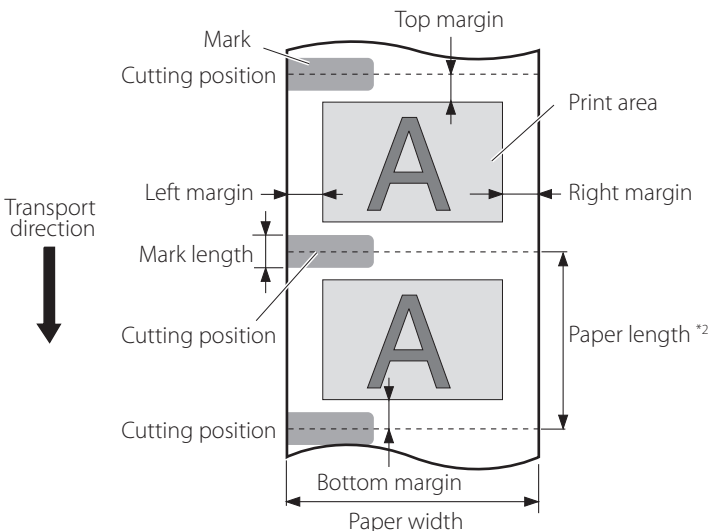
*1 Paper length: Length from the center of a mark to the center of the next mark

*2 Top margin (bottom margin): Total of the half of the mark length and the top (bottom) margin of the label

Paper width	28.4 mm to 63.0 mm (1.12 inch to 2.48 inch)
Paper length*1	25.4 mm to 400.0 mm (1.00 inch to 15.75 inch)
Top margin*2	1.5 mm to (Paper length - 1.0 - Bottom margin) mm (0.06 inch to (Paper length - 0.04 - Bottom margin) inch)
Bottom margin*2	1.5 mm to (Paper length - 1.0 - Top margin) mm (0.06 inch to (Paper length - 0.04 - Top margin) inch)
Left margin	3.5 mm to (Paper width - 1.0 - Right margin) mm (0.14 inch to (Paper width - 0.04 - Right margin) inch)
Right margin	3.5 mm to (Paper width - 1.0 - Left margin) mm (0.14 inch to (Paper width - 0.04 - Left margin) inch)
Mark length	3.0 mm to 6.4 mm (0.12 inch to 0.25 inch)

● Tag/Marker

This is a type of tag paper^{*1} with marks printed on its back surface. The printer recognizes the leading edge of paper by detecting the marks.



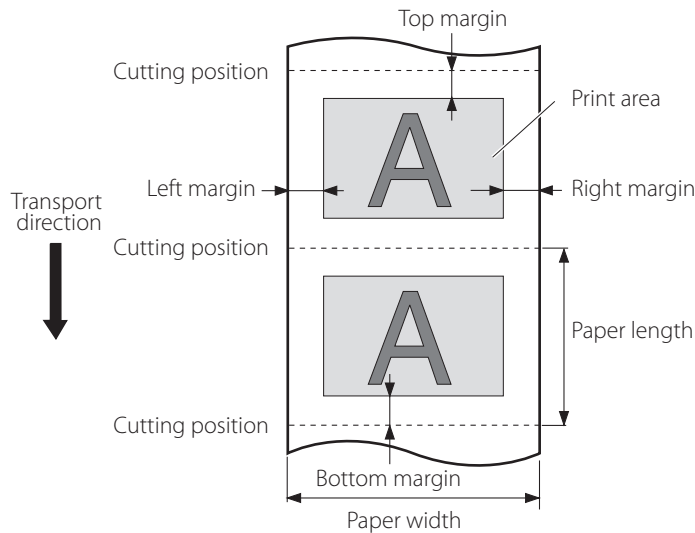
^{*1} Tag paper: Non-adhesive paper

^{*2} Paper length: Length from the center of a mark to the center of the next mark

Paper width	28.4 mm to 63.0 mm (1.12 inch to 2.48 inch)
Paper length*2	25.4 mm to 400.0 mm (1.00 inch to 15.75 inch)
Top margin	1.5 mm to (Paper length - 1.0 - Bottom margin) mm (0.06 inch to (Paper length - 0.04 - Bottom margin) inch)
Bottom margin	1.5 mm to (Paper length - 1.0 - Top margin) mm (0.06 inch to (Paper length - 0.04 - Top margin) inch)
Left margin	3.5 mm to (Paper width - 1.0 - Right margin) mm (0.14 inch to (Paper width - 0.04 - Right margin) inch)
Right margin	3.5 mm to (Paper width - 1.0 - Left margin) mm (0.14 inch to (Paper width - 0.04 - Left margin) inch)
Mark length	3.0 mm to 6.4 mm (0.12 inch to 0.25 inch)

● **Tag/No TOF**

This is a type of tag paper*¹ without marks printed on its back surface.



*1Tag paper: Non-adhesive paper

Paper width	28.4 mm to 63.0 mm (1.12 inch to 2.48 inch)
Paper length	25.4 mm to 400.0 mm (1.00 inch to 15.75 inch)
Top margin	1.5 mm to (Paper length - 1.0 - Bottom margin) mm (0.06 inch to (Paper length - 0.04 - Bottom margin) inch)
Bottom margin	1.5 mm to (Paper length - 1.0 - Top margin) mm (0.06 inch to (Paper length - 0.04 - Top margin) inch)
Left margin	3.5 mm to (Paper width - 1.0 - Right margin) mm (0.14 inch to (Paper width - 0.04 - Right margin) inch)
Right margin	3.5 mm to (Paper width - 1.0 - Left margin) mm (0.14 inch to (Paper width - 0.04 - Left margin) inch)

Changing Print Quality and Adjusting Color

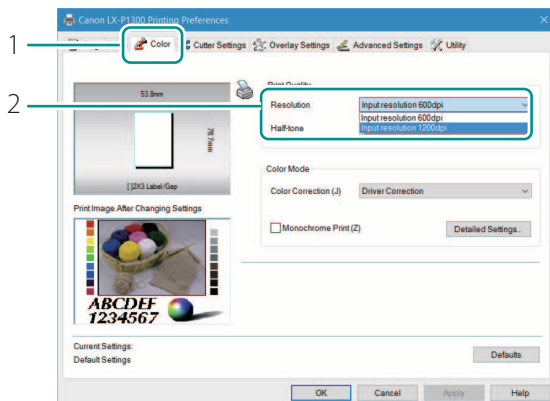
Using the printer driver, you can configure various settings related to the print quality and color.

Changing Print Quality Setting

Print quality based on what is best suited for the final print.

1 Open the printer driver setup window. (P.30)

2 Select a resolution.



1. Click the [Color] tab.

2. Select [Input resolution 1200dpi] or [Input resolution 600dpi].

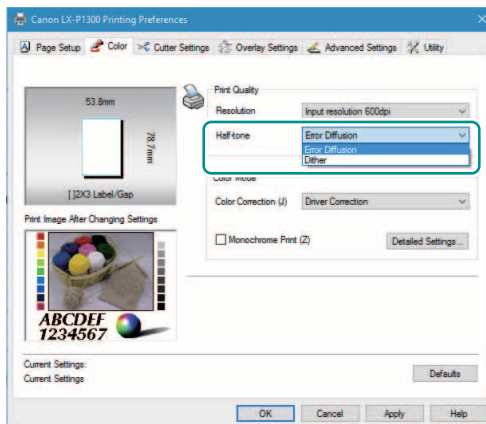
[Input resolution 1200dpi]

A longer printing time is compared with [Input resolution 600dpi], resulting in a high print quality.

[Input resolution 600dpi]

A shorter printing time is compared with [Input resolution 1200dpi], resulting in a low print quality.

3 Select a half-toning method.



1. Select [Dither] or [Error Diffusion].

[Dither]

This method is suitable for printing graphics requiring clear borders between colors.

[Error Diffusion]

This method is suitable for printing photos and graphics requiring subtle gradation.

NOTE

- When [Error Diffusion] is selected, a longer time is required to process data as compared with [Dither] therefore the printing speed may decrease.

4 Complete the setting procedure.

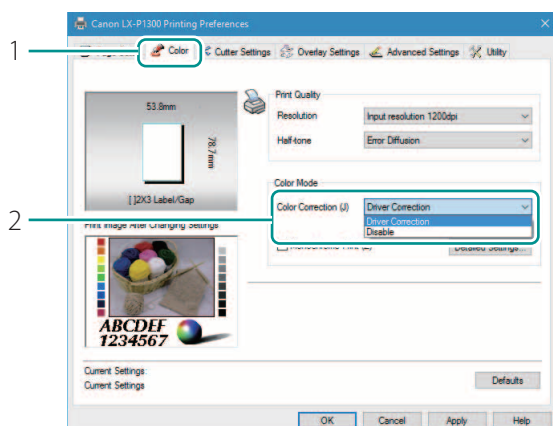
Click [OK] in the printer driver setup window.

When printing begins, the document will be printed using the selected print quality.

Printing with the Color Correction Method Changed

1 Open the printer driver setup window. (P.30)

2 Select a color correction method.



1. Click the [Color] tab.

2. Select "Driver Correction" or "Disable."

[Driver Correction]

The optimum color adjustment is made for this printer.

[Disable]

Image processing is performed at the highest speed without color correction. Select this method to give priority to the printing speed.

3 Complete the setting procedure.

Click [OK] in the printer driver setup window.

When printing begins, the document will be printed using the selected color correction method.

NOTE

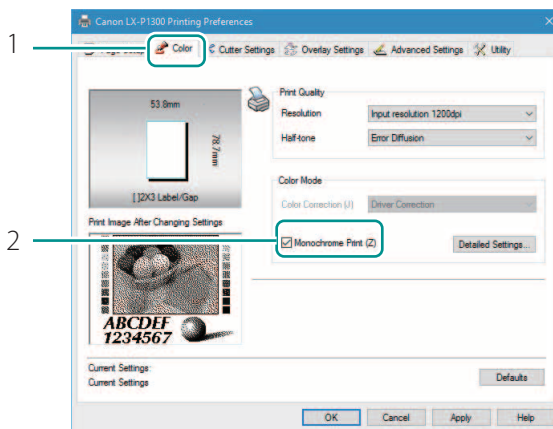
- [Color correction] can not be selected when a paper type associated with Profile (the start character is "P") is selected.

Printing in Black and White

A color document can be made into black and white prints.
When black-and-white prints are made, only black ink is used.

1 Open the printer driver setup window. (P.30)

2 Configure the settings for black-and-white printing.



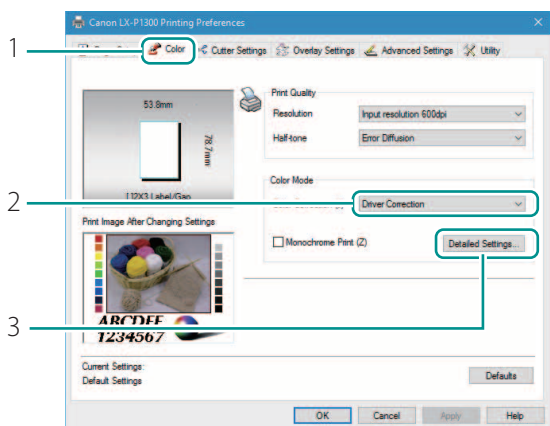
3 Complete the setting procedure.

Click [OK] in the printer driver setup window.
When printing begins, the document will be printed in black and white.

Print the Gradation Smoothly

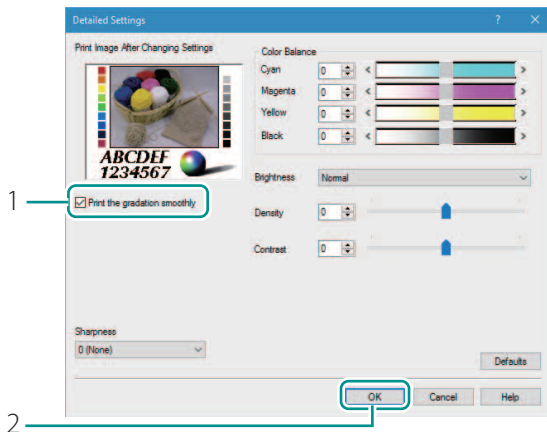
Use the [Print the gradation smoothly] feature if you see uneven color gradients in the printout.

- 1 Open the printer driver setup window. (P.30)
- 2 Select a color correction method from the [Color Correction] pull-down menu and then choose the [Detailed Settings] dialog box.



1. Click the [Color] tab.
2. Select [Driver Correction] from the [Color Correction] pull-down menu.
3. Click [Detailed Settings].

3 Print the gradation smoothly.



1. Click [Print the gradation smoothly] check box.
2. Click [OK].

4 Complete the setting procedure.

Click [OK] in the printer driver setup window.

When printing begins, the gradation of the document will be printed smoothly.

NOTE

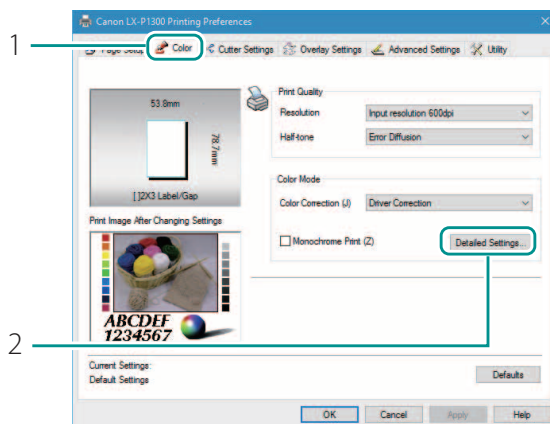
- [Print the gradation smoothly] can not be selected when [Color Correction] is set to [Disable].
- [Print the gradation smoothly] can not be selected when the [Monochrome Print] check box is selected.
- [Print the gradation smoothly] can not be selected when a paper type associated with Profile (the start character is "※") is selected.

Setting the Sharpness

You can improve contours (edge definition) and reduce blurriness in an image by adjusting the sharpness.

1 Open the printer driver setup window. (P.30)

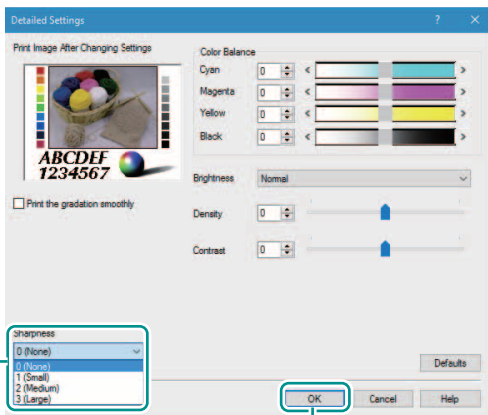
2 Display the [Detailed Settings] dialog box.



1. Click the [Color] tab.

2. Click [Detailed Settings].

3 Adjust the sharpness.



1. Adjust the sharpness level.

- To increase sharpness, select one of [1 (Small)], [2 (Medium)], and [3 (Large)].
The sharpness level increases or decreases when the number increases or decreases.
- When [0 (None)] is selected, no adjustment is made to sharpness.

2. Click [OK].

4 Complete the setting procedure.

Click [OK] in the printer driver setup window.

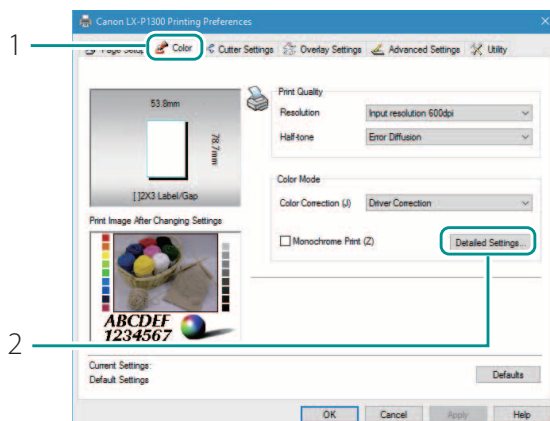
When printing begins, the document will be printed at the selected sharpness level.

Adjusting the Color Balance

You can adjust the color balance for printed colors (cyan, magenta, yellow and black).

1 Open the printer driver setup window. (P.30)

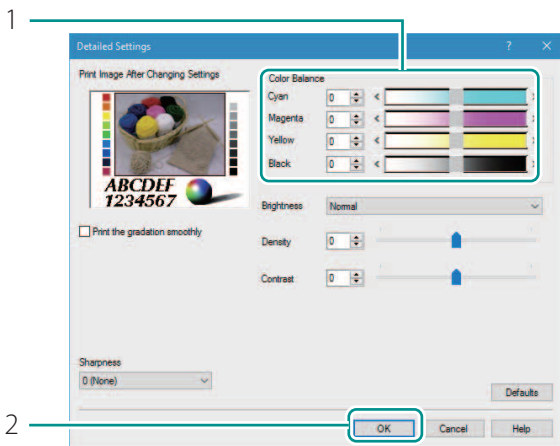
2 Display the [Detailed Settings] dialog box.



1. Click the [Color] tab.

2. Click [Detailed Settings].

3 Adjust the color balance.



1. Adjust the color balance by moving the sliders for each color.

- The center of the slider bar is the default position (0). The slider can be moved between -50 to +50. The more you move the slider to the left, the fainter the color becomes. The more you move the slider to the right, the darker the color becomes.
- A value can be directly entered in the entry box interlocked with the slider as shown on the left.

2. Click [OK].

4 Complete the setting procedure.

Click [OK] in the printer driver setup window.

When printing begins, the document will be printed at the adjusted color balance.

NOTE

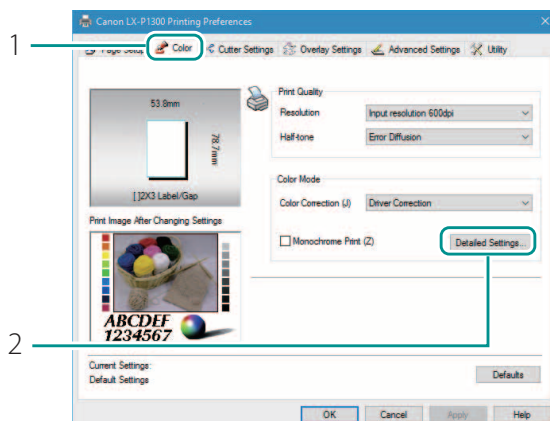
- When the [Monochrome Print] box is checked, color balances of colors other than black can not be adjusted.

Adjusting the Density

If you are not satisfied with the overall density of the printed result, adjustment can be made.

1 Open the printer driver setup window. (P.30)

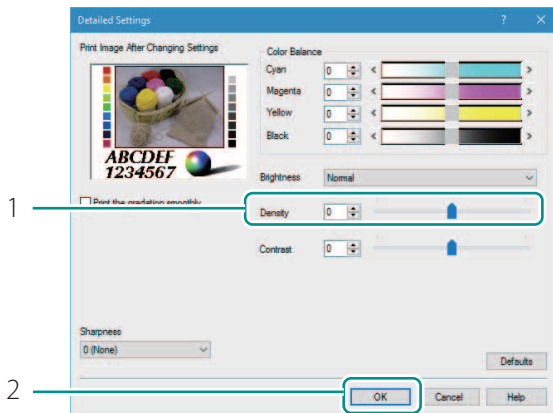
2 Open the [Detailed Settings] dialog box.



1. Click the [Color] tab.

2. Click [Detailed Settings].

3 Adjust the density.



1. Adjust the density by moving the slider.

- The center of the slider bar is the default position (0). The slider can be moved between -50 to +50.

The more you move the slider to the left, the lower the density becomes. The more you move the slider to the right, the higher the density becomes.

- A value can be directly entered in the entry box interlocked with the slider as shown on the left.

2. Click [OK].

4 Complete the setting procedure.

Click [OK] in the printer driver setup window.

When printing begins, the document will be printed at the adjusted density.

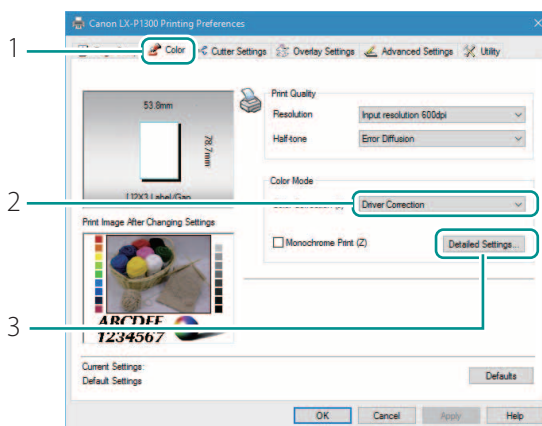
NOTE

- [Density] can not be adjusted when the [Monochrome Print] check box is selected.

Adjusting the Brightness or Contrast

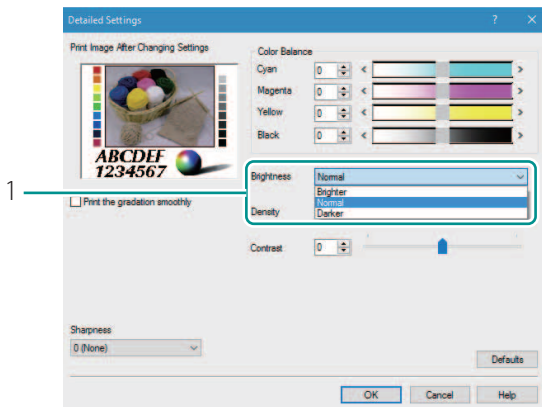
Adjustments can be made if you are not satisfied with the overall brightness (too dark or bright) and contrast (the dark portions are not clearly distinguished from the light portions) of the printed result.

- 1 Open the printer driver setup window. (P.30)
- 2 Select a color correction method from the [Color Correction] pull-down menu and then choose the [Detailed Settings] dialog box.



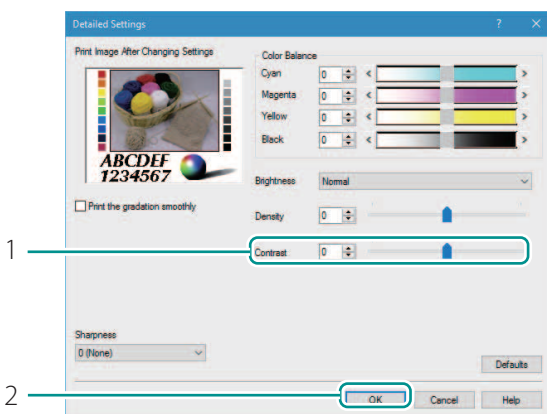
1. Click the [Color] tab.
2. Select [Driver Correction] from the [Color Correction] pull-down menu.
3. Click [Detailed Settings].

3 Adjust the brightness.



1. Select one from [Brighter], [Normal], and [Darker].
- Adjust the brightness of the intermediate colors without changing the brightness of the darkest and brightest portions.

4 Adjust the contrast.



1. Adjust the contrast by moving the slider.
- The center of the slidebar is the default position (0). The slider can be moved between -50 to +50.
The more you move the slider to the left, the lower the contrast becomes. The more you move the slider to the right, the higher the contrast becomes.
 - A value can be directly entered in the entry box interlocked with the slider as shown on the left.
 - To clearly distinguish between the light portion and dark portion, increase the contrast. To increase the number of intermediate colors by reducing the difference between the light portion and dark portion, decrease the contrast.

2. Click [OK].

5 Complete the setting procedure.

Click [OK] in the printer driver setup window.

When printing begins, the document will be printed at the adjusted brightness and contrast.



NOTE

- [Brightness] can not be selected when [Color Correction] is set to [Disable].
- [Brightness] can not be selected when a paper type associated with Profile (the start character is "**") is selected.
- [Contrast] can not be adjusted when the [Monochrome Print] check box is selected.

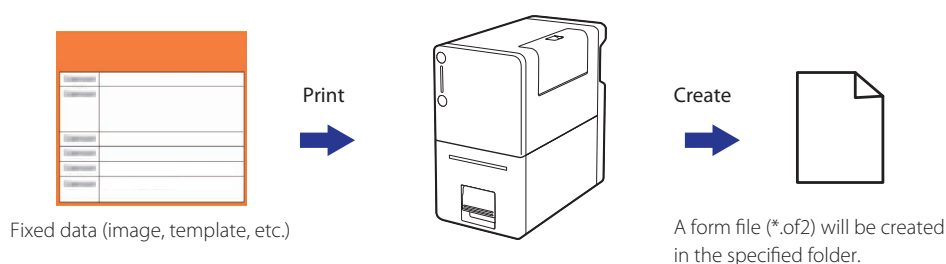
Carrying out Overlay Printing

Overlay printing is a printer function which internally combines two pieces of data, i.e., the fixed data created in advance as a "form file" commonly printed on all pages, and the data on each page of a document (variable data such as characters), and prints them together page by page.

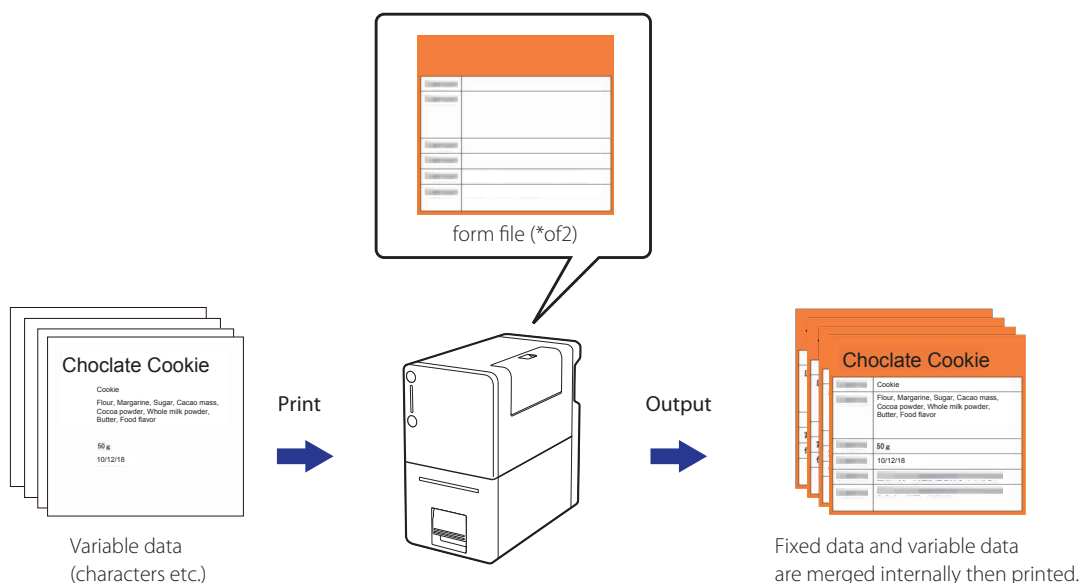
Data using a template containing many images can be printed without transferring large-capacity image data to the printer multiple times, allowing the data to be printed quickly.

■ Overlay printing process

Step1 Print fixed data (image, template, etc.) to the printer to create a form file.



Step2 Print variable data such as characters, then use overlay printing.

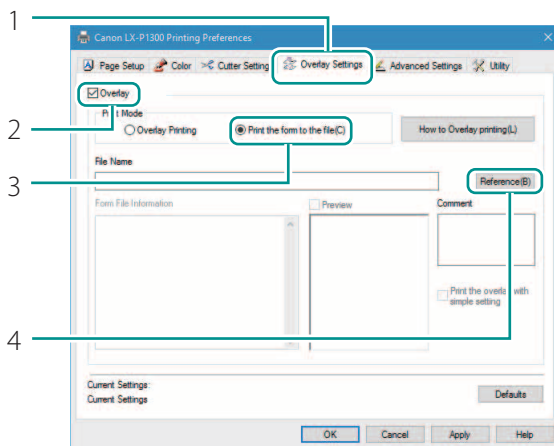


Printing a Form to a File

Send (print) fixed data (template, etc.) to the printer to create a form file.

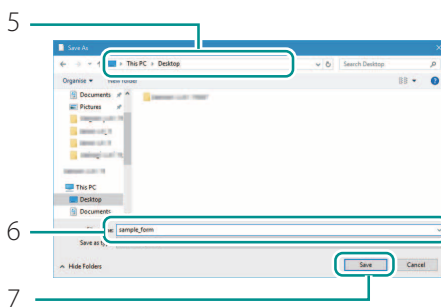
- 1** Open the data to be created as a form file using the application software used to create the data.
 - 2** Display the printer driver setup window from the application software. (P.30)
-

3 Create a form file.

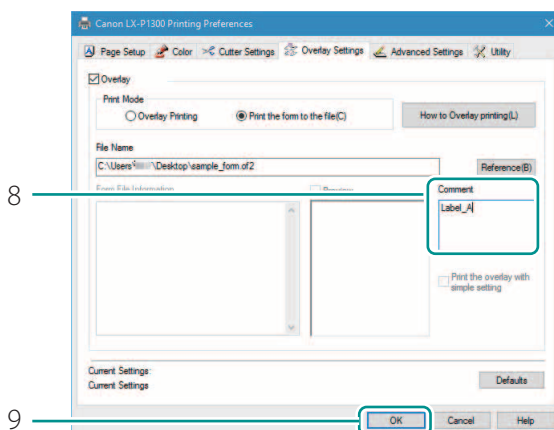


1. Click the [Overlay Settings] tab.
2. Check the [Overlay] check box.
3. Select [Print the form to the file].
4. Click [Reference].

- The file path name can be entered directly in the [File Name] entry box.



5. Specify the storage location of the form file.
6. Enter a file name.
7. Click [Save].



8. Enter a comment. (Optional)
 - Enter up to 31 characters.
9. Click [OK].

4 Print.

Click [Print] in the [Print] dialog box.

The form file (*.of2) is stored at the specified storage location.



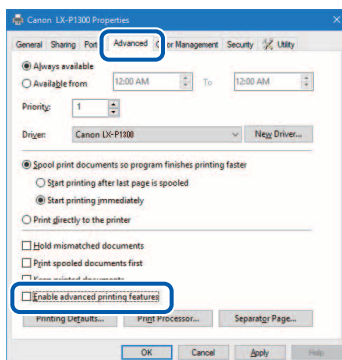
NOTE

- Even when two or more pages of print data are created as form files, they are stored as one file.



IMPORTANT

- When carrying out overlay printing in the server/client environment, observe the following setting precautions:
 - Store the form file (*.of2) in a shared folder that can be referenced by both the server and client.
 - The file name to be entered in the [File Name](storage location of form file (*.of2)) entry box must be a path name (e.g., \\PC-Commom\FormFolder\file.of2) that can be referenced by both the server and client over the network.
- If overlay printing cannot be performed even after setting the above, set the printer driver's spool format to "RAW mode" with the following procedure.
 - 1) Open the properties window of the printer. (P.31)
 - 2) Click on the [Advanced] tab and uncheck the [Enable advanced printing features].

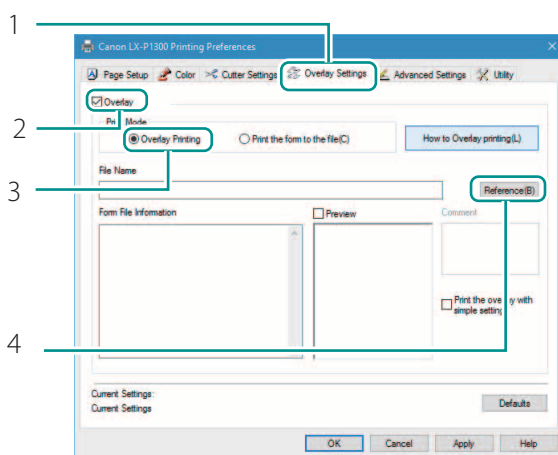


The spool format will be set to RAW mode.

Carrying out Overlay Printing

Carry out overlay printing with a form file.

- 1 Open the data to be used as print data using the application software used to create the data.
- 2 Display the printer driver setup window from the application software. (P.30)
- 3 Configure the settings for overlay printing.



1. Click the [Overlay Settings] tab.

2. Check the [Overlay] check box.

3. Select [Overlay Printing].

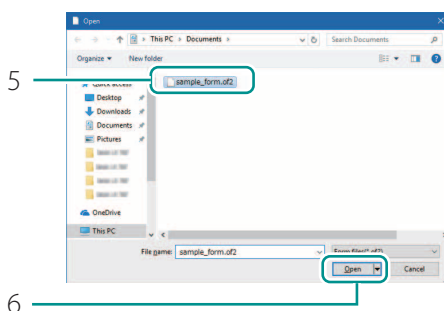
4. Click [Reference].

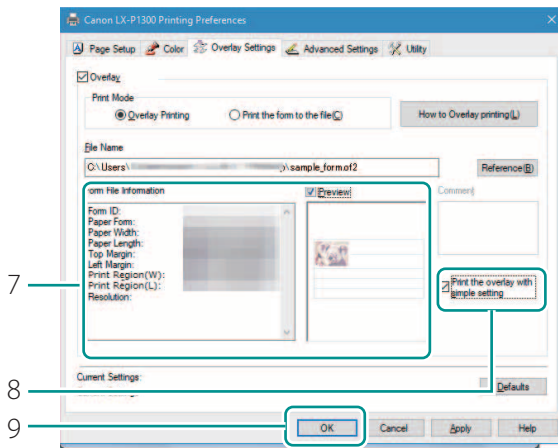
- You can directly enter the file path name in the [File Name] entry box.

5. Specify a form file.

- Select the file with an extension “.of2.”

6. Click [Open].





7. Confirm the information about the form file shown in the [Form File Information] and [Preview] panes.
 - To see the preview, check the [Preview] check box.
 - Some form files may not show their information in the [Form File Information] and [Preview] panes.
8. Select the method of combining the document and form data.
 - To carry out overlay printing with simple settings, check the [Print the overlay with simple setting] check box.
9. Click [OK].

NOTE

• Carrying out Overlay Printing with Simple Settings

When the [Print the overlay with simple setting] box is checked, overlay printing can be completed faster than normal overlay printing ([Print the overlay with simple setting] box is not checked). However, since both the form file and document are printed in the portions where they overlap, colors of the form file and documents are mixed.

When normal overlay printing is performed ([Print the overlay with simple setting] box is not checked), neither the form file nor document is printed in the portions where they overlap. Accordingly, the document is printed just like the original image.

4 Print.

Click [Print] in the [Print] dialog box.

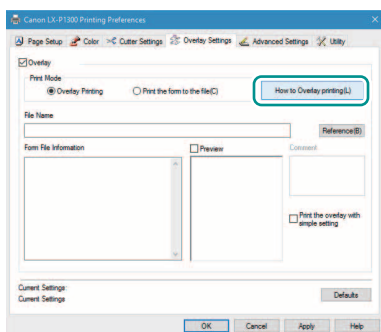
The document is printed over the form data.

IMPORTANT

- When carrying out overlay printing, the print settings made for the form file must be exactly the same as those made for the document. If any setting is different between them, overlay printing cannot be performed.
Print settings: Paper form, paper size (length, width, margins), and print quality
- If the version of the printer driver used to create the form file is different from the version of the printer driver used for printing, you may not be able to carry out overlay printing. In this case, create the form file using the printer driver used for printing.

 NOTE

- Clicking [How to Overlay printing] in the [Overlay Settings] tab will display the help screen showing the Overlay printing method.



Setting Paper Feed Speed

The procedure for setting the paper feed speed of the printer is described below.

Accelerating Printing on the 1st Sheet of Paper

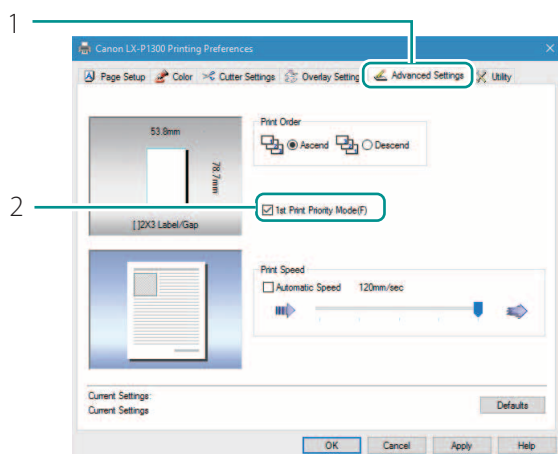
Selecting the 1st Print Priority mode accelerates printing on the first sheet of paper.

✓ IMPORTANT

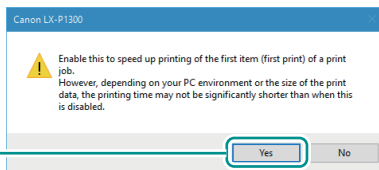
- In the server/client environment, the [1st Print Priority Mode] check box is not effective.
- When the [1st Print Priority Mode] check box is selected, the printing time may be longer than usual (the [1st Print Priority Mode] check box is not selected) depending on the operating environment and the type of print data.
- When the [Enable advanced printing features] check box is not selected on the [Advanced] tab displayed on the printer properties window, the effect of selecting the [1st Print Priority Mode] check box is reduced.

1 Open the printer driver setup window. (P.30)

2 Select the 1st Print Priority mode.



1. Click the [Advanced Settings] tab.
2. Check the [1st Print Priority Mode] check box.
 - A confirmation message appears.



3. Click [Yes].

3 Complete the setting procedure.

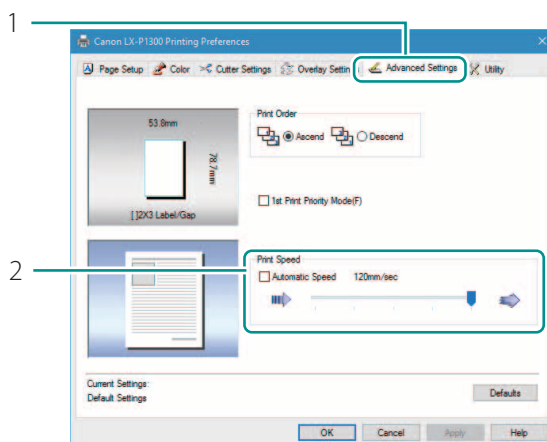
Click [OK] in the printer driver setup window.

Adjusting the Paper Feed Speed

Adjust the paper feed speed when you want to make prints in synchronized timing with the operation of a unit (e.g., a paper rewinder) or according to the type of print data.

1 Open the printer driver setup window. (P.30)

2 Adjust the paper feed speed.



1. Click the [Advanced Settings] tab.

2. Adjust the print speed.

- Adjust the print speed by moving the slide bar.
The fastest setting value is 120 mm/sec (4.7 in/sec).
- If the [Automatic Speed] check box is checked, uncheck it.
The slide bar becomes effective.

3 Complete the setting procedure.

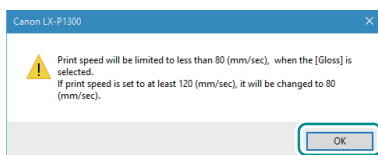
Click [OK] in the printer driver setup window.

NOTE

- When the [Automatic Speed] check box is selected, the printing speed automatically changes to an appropriate one according to the print data transmission status. The printing speed automatically changes to 120 mm/sec (4.7 in/sec), or 80 mm/sec (3.1 in/sec).

IMPORTANT

- When glossy paper is used, the maximum printing speed is limited to 80 mm/sec (3.1 in/sec). When [Gloss] is selected from the [Paper Type] pull-down menu, the following confirmation message appears. Click [OK].



- When you have changed from glossy paper to a different type of paper, confirm the printing speed setting.

Setting the Cutter

The procedure for setting the cutter is described below.

IMPORTANT

- When tag paper is used, a trace of cutting remains at the leading or trailing edge of paper.
- Full-label paper cannot be cut. If it is cut, a printer failure could result.
- If the cutter has become extremely dull, contact your place of purchase without disassembling the cutter.

Setting the Auto Cutter

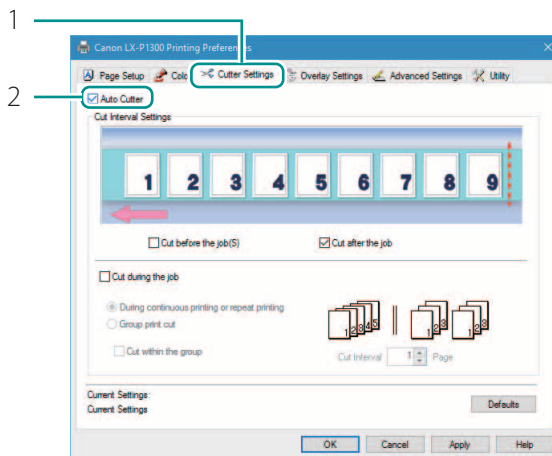
Set the auto cutter operation (cutting interval and position).

Setting the Cutting Interval

Can be adjusted to the paper cutting timing and interval.

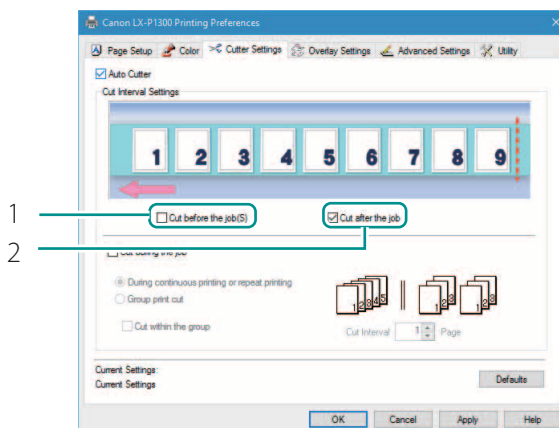
-
- 1 Open the printer driver setup window. (P.30)

2 Set the auto cutter.



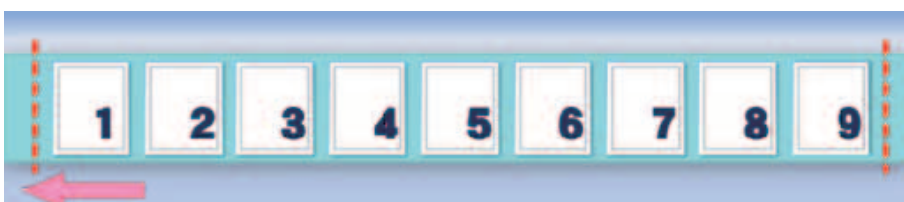
1. Click the [Cutter Settings] tab.
2. Check the [Auto Cutter] check box.
 - By default, this check box is selected.

3 Select the cutting timing(s) (for the beginning of printing and/or the end of printing).



1. To cut paper at the beginning of printing, select the [Cut before the job] check box.
2. To cut paper at the end of printing, select the [Cut after the job] check box.
 - By default, this check box is selected.

(Image of cut paper) Paper is cut at the beginning and the end of printing.

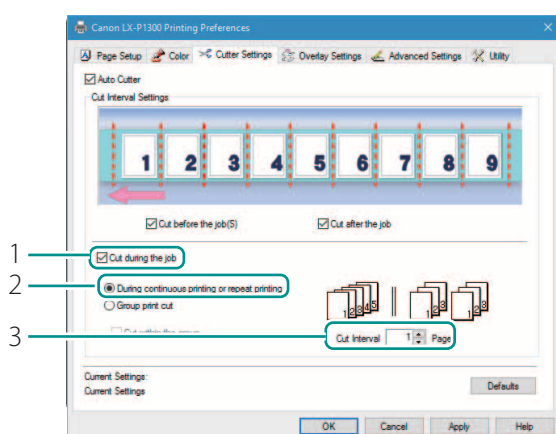


4 If you want to cut paper during printing, you need to specify the cutting timing and interval.

Select either of the following two procedures according to the method of printing.

● When printing pages continuously or printing all pages of a document repeatedly

Paper is cut at intervals of the number of pages specified using the [Cut Interval] spinner.

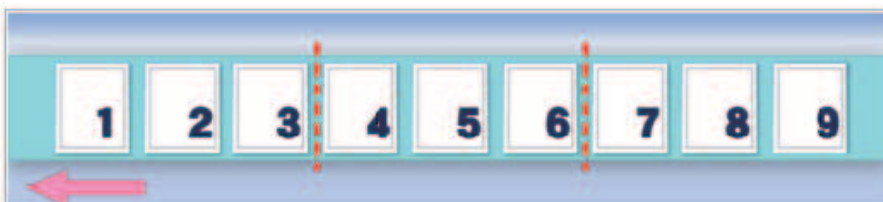


1. Check the [Cut during the job] check box.
2. Select [During continuous printing or repeat printing].
3. Specify the cutting interval using the [Cut Interval] spinner.

(Image of cut paper) When the cutting interval is set to one page



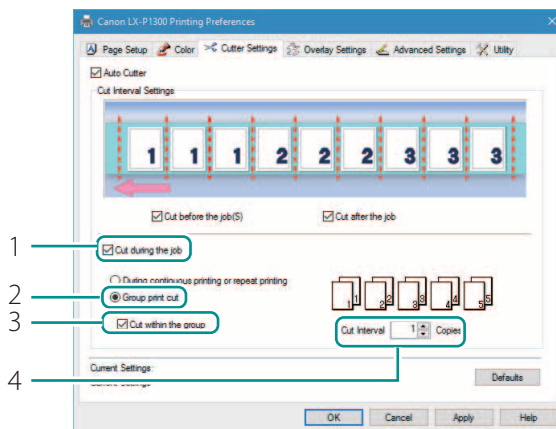
(Image of cut paper) When the cutting interval is set to 3 pages



● When printing multiple copies of a document (on a page basis)

Paper is cut for each group of pages.

When the [Cut within the group] check box is selected, paper is cut within each group at intervals of the number of pages specified using the [Cut Interval] spinner.



1. Check the [Cut during the job] check box.
2. Select [Group print out].
3. To cut paper within each group, check the [Cut within the group] check box.
4. Specify the cutting interval using the [Cut Interval] spinner.

(Image of cut paper) When paper is not cut within each group



(Image of cut paper) When paper is cut within each group at intervals of one page



(Image of cut paper) When paper is cut within each group at intervals of two pages



5 Complete the setting procedure.

Click [OK] in the printer driver setup window.
The specified cutting interval takes effect.

■ Adjusting the Cutting Position

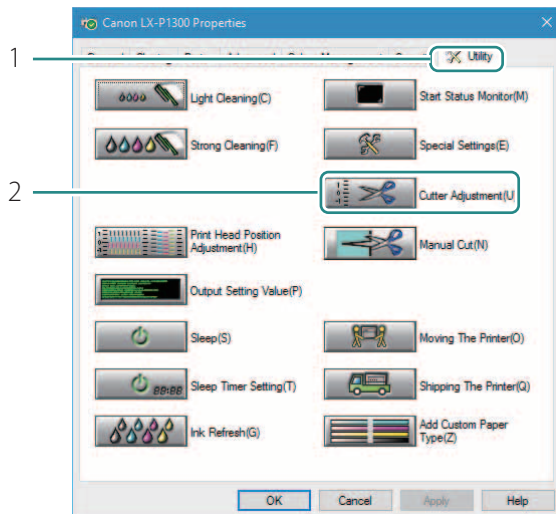
The cutting position can be adjusted between the adjacent printed labels.

✓ IMPORTANT

- Administrative privileges over this printer are required to configure printer settings.
If a user without administrative privileges proceeds with configuration of settings, a message "You do not have rights to printer management. Please contact your system administrator." appears.
For more details, see "[Administrative privileges required for certain features \(P.41\)](#)".

1 Open the Properties window of the printer driver. (P.31)

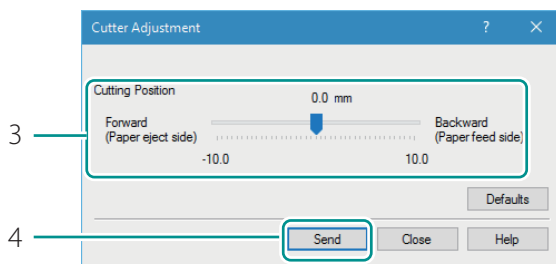
2 Adjust the cutting position.



1. Click the [Utility] tab.

2. Click [Cutter Adjustment].

- The [Cutter Adjustment] dialog box appears.



3. Adjust the cutting position.

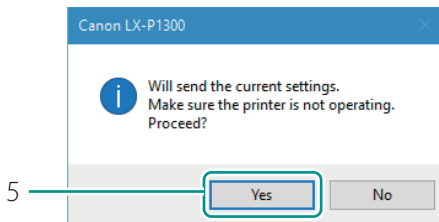
- Adjust the cutting position by moving the slide bar.

The center of the sidebar is the default position (0.0mm). The more you slide the slider to the left (- (minus)), the more the cutting position moves forward (Paper ejection side). The more you slide the slider to the right (+ (plus)), the more the cutting position moves backward (Paper feed side).

- The cutting position can be adjusted between -10.0 mm and +10.0 mm in steps of 0.5 mm.
- To restore the default setting of the cutting position, click [Defaults].

4. Click [Send].

- A confirmation message appears.



5. Click [Yes].

- The adjusted cutting position takes effect.

3 Print a test pattern to make sure paper is cut at the center of the gap between labels.

Before making prints, print a test pattern to confirm the cutting position.

NOTE

- Print one of the following test patterns:
 - Head position adjustment pattern (P.121)
 - Setting values (P.135)

Operating the Manual Cut

Paper can be cut manually when you do not use the auto cutter feature (the [Auto Cutter] check box is not selected) or you have stopped printing temporarily.

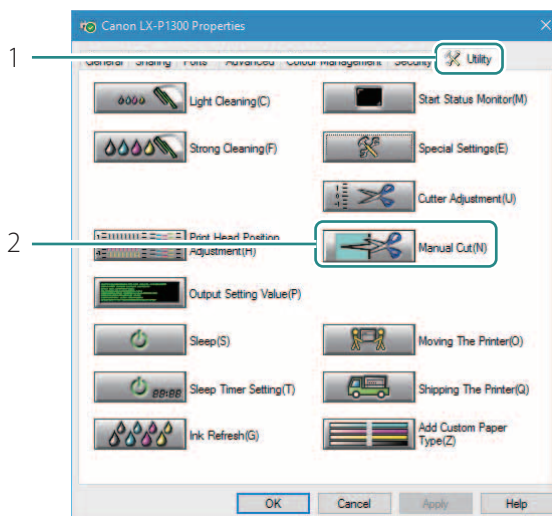
IMPORTANT

- When printing is in progress, you cannot cut paper manually.
- When an error has occurred, you may not be able to cut paper depending on the type of the error.
- Do not pull the printed paper through the ejection slot. It could cause a printing failure.
- When paper has stopped in a state where a label is located at the cutting position, you cannot cut paper manually.

■ Operating the Cutter from the Printer Driver

1 Open the printer driver setup window. (P.30)

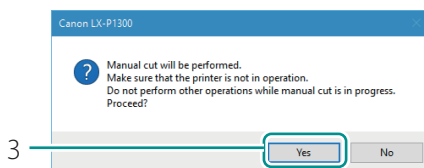
2 Operate the cutter.



1. Click the [Utility] tab.

2. Click [Manual Cut].

● A confirmation message appears.



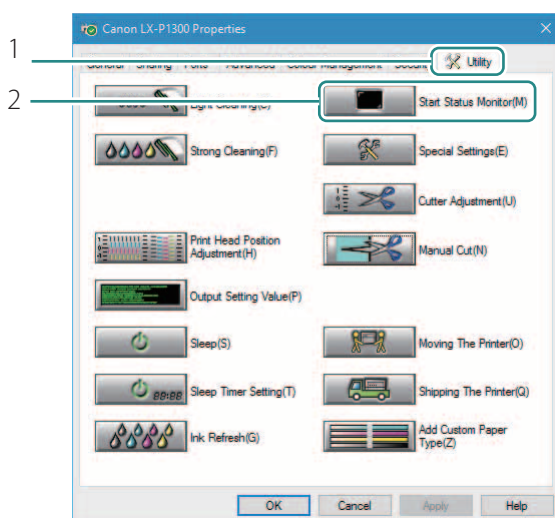
3. Click [Yes].

● The cutter operates.

■ Operating the Cutter from the Status Monitor

1 Open the printer driver setup window. (P.30)

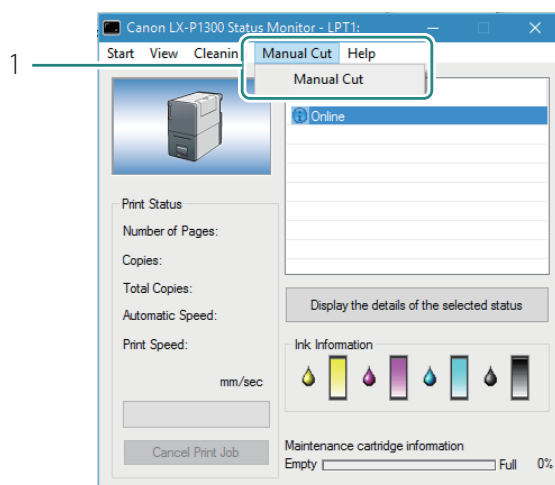
2 Start the status monitor.



1. Click the [Utility] tab.

2. Click [Start Status Monitor].

3 Operate the cutter.

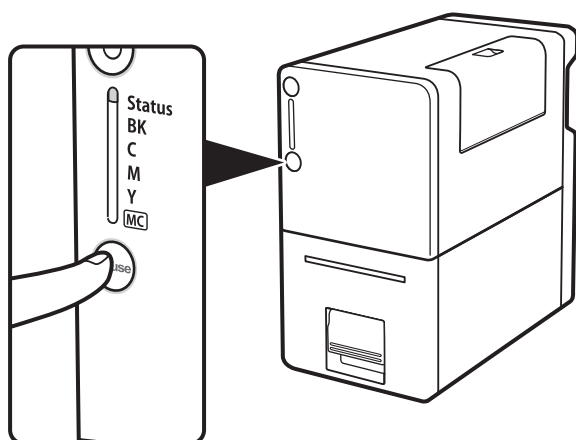


1. Select [Manual Cut] from the [Manual Cut] menu.

- The cutter operates.

■ Operating the Cutter from the Operation Panel

- 1 Press and hold the pause key for at least 2 seconds.



- The cutter operates.

Registering Frequently Used Print Settings

It is possible to register the frequently used print settings in [Favorites]. Selecting a registered favorite from the [Favorites List] allows you to make prints with frequently used print settings.

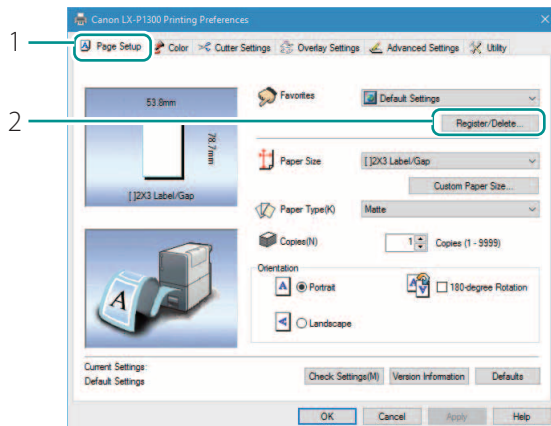
IMPORTANT

- Up to ten print settings can be registered in [Favorites].
- When the [Settings] screen of the printer driver is displayed from the application software, it is not possible to register or delete settings in/from [Favorites]. To do so, display the [Settings] screen of the printer driver from the [Printers & scanners] of Windows.

1 Open the printer driver setup window from the [Printers & scanners]. (P.31)

2 On the [Page Setup] tab, [Color] tab, [Cutter Settings] tab, [Overlay Settings] tab, and [Advanced Settings]tab, configure the settings you want to register.

3 Register the settings.

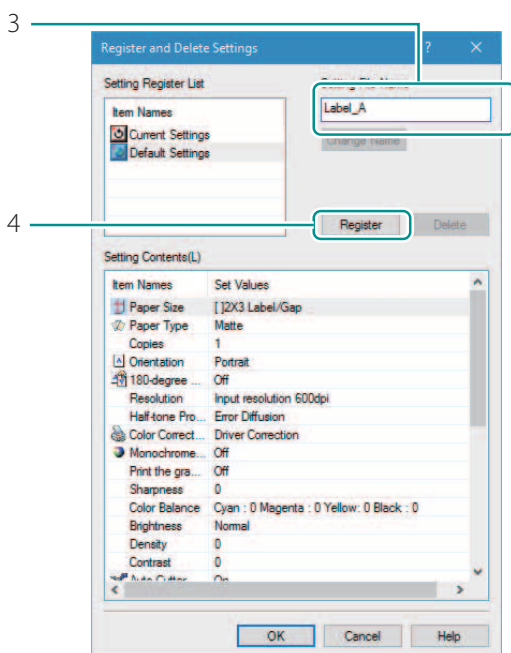


1. Click the [Page Setup] tab.

- Make sure [Current Settings] is selected from the [Favorites].

2. Click [Register/Delete...].

- The [Register/Delete Favorites] dialog box appears.

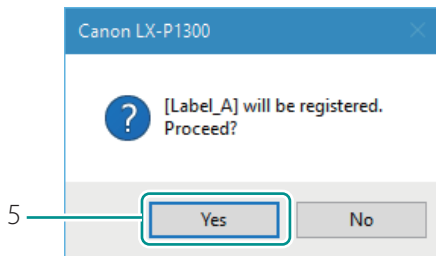


3. Enter a desired name in the [Setting File Name] entry box and then confirm the [Setting Contents].

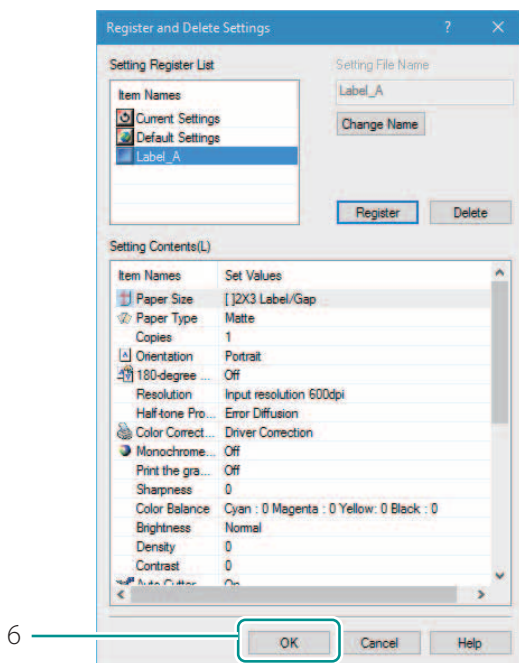
- Up to 16 characters can be entered.
- Spaces and tabs are not allowed.
- Entry in the [Setting File Name] entry box is mandatory.

4. Click [Register].

- A confirmation message appears.



5. Click [Yes].



6. Click [OK].

- The print settings are registered in [Favorites].

NOTE

• Changing the Name of a Favorite

To change the name of a registered favorite, select it from the [Registered Settings List] and then click [Change Name]. After changing the name, click [Register].

• Deleting a Favorite

To delete a registered favorite, select it from the [Registered Settings List], and then click [Delete].

• Confirming a Registered Favorite (Settings)

Clicking [Check Settings] on the [Page Setup] tab allows you to confirm the print settings registered in [Favorites]. Clicking [Copy] in the dialog box allows you to copy the print settings to the clipboard of the OS.

- **Default Settings**

Default settings are as follows:

Tab Name	Item Name	Setting
Page Setup	Paper Size	2 × 3 label/gap
	Paper Type	Matte
	Copies	1
	Orientation	Portrait
	180-degree Rotation	Off
Color	Resolution	Input resolution 600dpi
	Half-tone	Error Diffusion
	Color Correction	Driver Correction
	Monochrome Print	Off
	Print the gradation smoothly*	Off
	Sharpness*	0 (None)
	Color Balance*	0 for all of Bk/C/M/Y
	Brightness*	Normal
	Density*	0
	Contrast*	0
Cutter Settings	Auto Cutter	On
	Cut before the job	Off
	Cut after the job	On
	Cut during the job	Off
Overlay Settings	Overlay	Off
Advanced Settings	Print Order	Ascend
	1st Print Priority Mode	Off
	Print Speed	120 mm/sec

*: Items in [Detailed Settings] dialog box

Changing the Special Settings of the Printer

Use the [Special Settings] to change the special settings of the printer as required. Normally, it is not necessary to change the settings.

There are four special settings.

[Ink Pre-fire On The Paper]

A very small quantity of ink is constantly discharged onto paper at regular intervals in order to maintain the print head performance. If this check box is unchecked, the printing time increases due to an extra process for print head cleaning.

The default setting is "ON".

[AIS Mode]

The AIS mode is a function to reduce consumption of the print head.

The default setting is "ON".

[Low Temperature Print Mode]

Set the printer to [Low Temperature Print Mode].

When the printer is used at a temperature of less than 13 degrees Celsius (55 degrees Fahrenheit), the amount of ink pre-fire on the paper is increased for printing. Therefore, when used in a location where the room temperature easily fluctuates, the mode automatically switches according to room temperature when printing, resulting in uneven print quality. Use this mode when you want to keep printing quality consistent.

The default setting is "OFF".

Use this function only when necessary, as it consumes more ink than other modes.

[Prevent Paper Rubbing Mode]

When printing a high-density image, you can increase the gap between the print head and paper to prevent paper rubbing.

Check the printed result, and select the [Prevent Paper Rubbing Mode] check box to prevent paper rubbing if necessary.

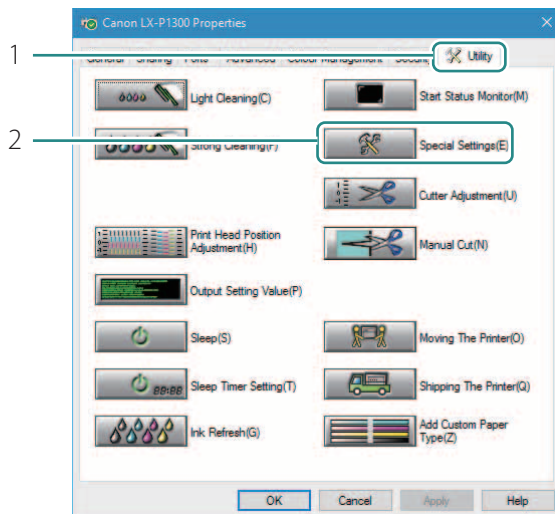
The default setting is "OFF".

IMPORTANT

- Administrative privileges over this printer are required to configure printer settings.
If a user without administrative privileges proceeds with configuration of settings, a message "You do not have rights to printer management. Please contact your system administrator." appears.
For more details, see "[Administrative privileges required for certain features \(P.41\)](#)".
- When printing is in progress or an error has occurred, you cannot change any special setting.

1 Open the properties window of the printer. (P.31)

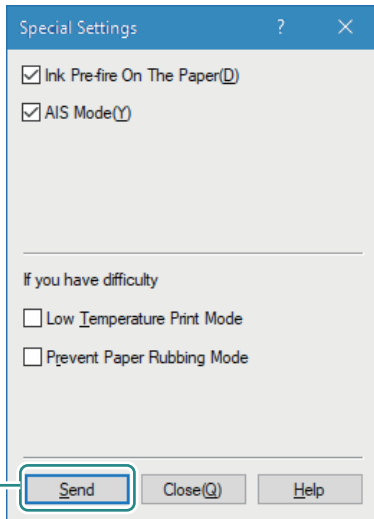
2 Display the [Special Settings] dialog box.



1. Click the [Utility] tab.

2. Click [Special Settings].

3 Send the changed special settings.

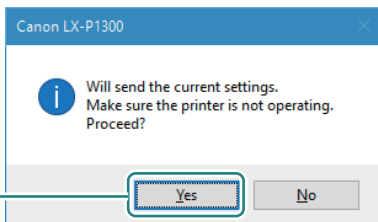


1. Change settings as needed.

- The special settings of the connected printer (online status) are displayed.
- When the computer cannot communicate with the printer (offline status), the special settings that the computer received in the last communication (when the printer was in the online status) are displayed.

2. Click [Send].

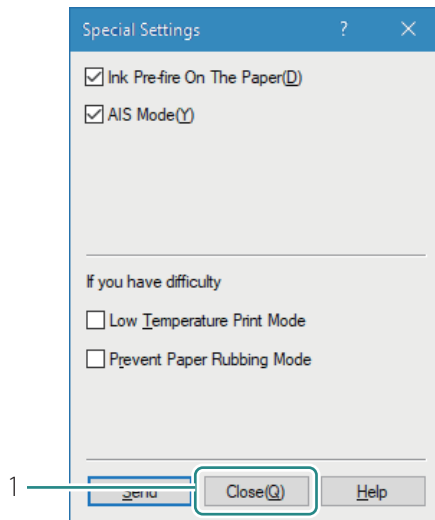
- A confirmation message appears.



3. Click [Yes].

- The updated special settings are sent to the printer.

4 Finish updating the special settings.



1. Click [Close].

Registering Paper Type

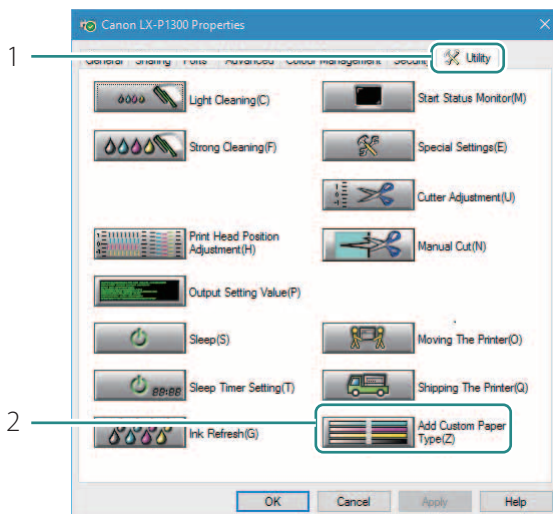
Allows the user to adjust ink jetting amounts and register them along with the paper type.

✓ IMPORTANT

- Up to 100 custom paper types can be registered.
- Pre-registered paper types cannot be changed. (Matte, Gloss and Synthetic)
- Administrative privileges over this printer are required to configure printer settings.
If a user without administrative privileges proceeds with configuring printer settings, a message "You do not have rights to printer management. Please contact your system administrator." appears.
For more details, see "[Administrative privileges required for certain features \(P.41\)](#)".

1 Display the properties window of the printer. (P.31)

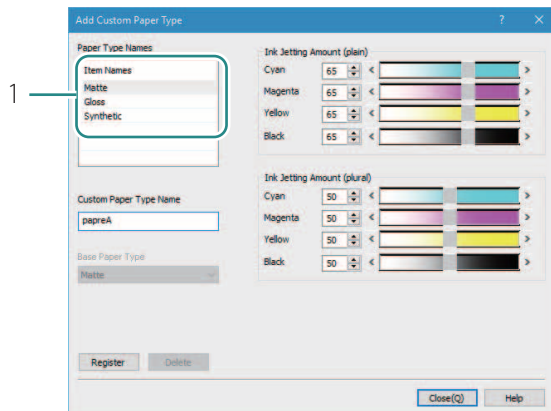
2 Display the [Add Custom Paper Type] dialog box.



1. Click the [Utility] tab.

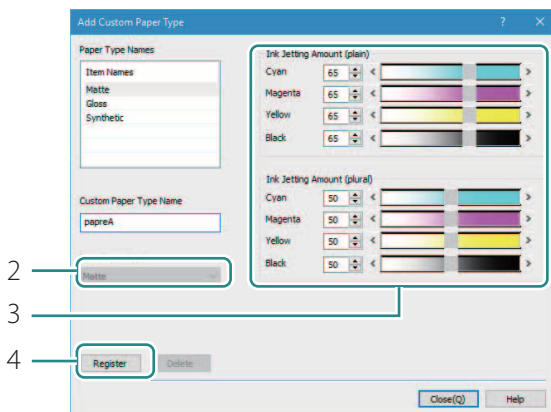
2. Click [Add Custom Paper Type].

3 Registering the new paper type.



1. Select the profile from [Paper Type Names].

- Select from Matte, Gloss and Synthetic.



2. Enter the name of new paper type.

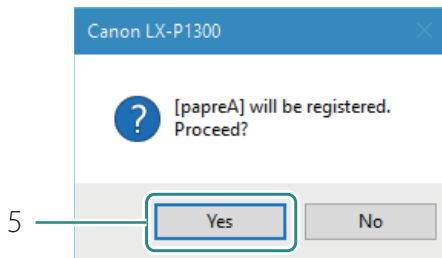
- Up to 31 characters can be entered.
- Spaces and tabs cannot be used.
- "*" cannot be used as the start character of the paper type name.

3. Set ink jetting amounts for respective colors.

- Moving the slider to the left decreases the ink jetting amount, and moving the slider to the right increases the ink jetting amount.
- Determine the ink jetting amounts optimum for the selected type of paper after conducting the print test several times.

4. Click [Register].

- A confirmation message will appear.

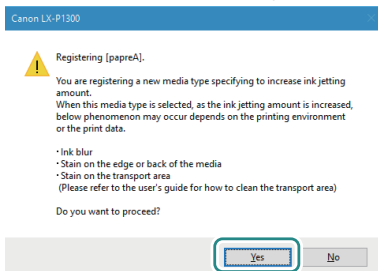


5. Click [Yes].

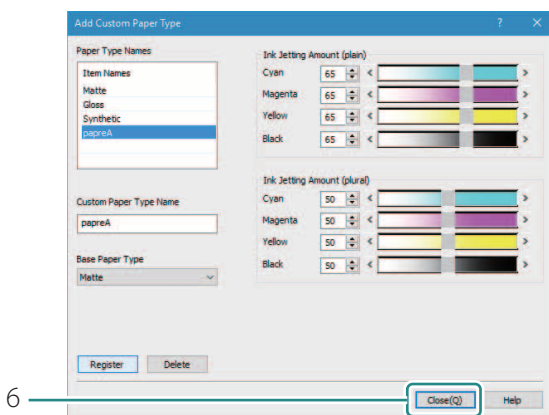
- The paper types are registered in [Paper Type Names].

NOTE

- A confirmation message will be displayed when registering a new media type that will increase the ink jetting amount. Review the message, and then click [Yes].



6. Click [Close].



4 Complete a test print to check the print result.



NOTE

- **Deleting a paper type**

To delete a registered paper type, select it from the [Paper Type Names], and then click [Delete].

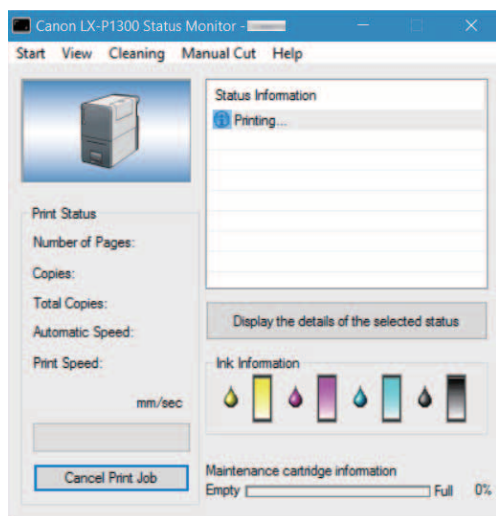
Chapter 3

Maintenance

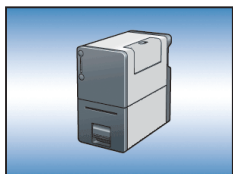
Checking the Printer Status	100
Replacing the Ink Tank.....	103
Replacing the Maintenance Cartridge	110
Cleaning the Print Head	117
Adjusting Print Head Position	121
Checking the Setting Values	135
Maintaining Ink Quality (LX-P1300 only).....	138
Cleaning the Printer	144

Checking the Printer Status

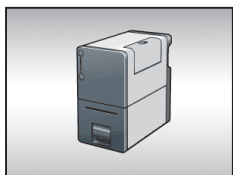
The status monitor allows you to check the current status of the printer.



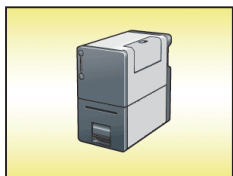
There are four types of images to inform the status of the printer.



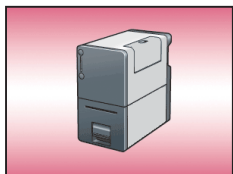
Displayed when the printer is in a normal state. (Background is blue)
The printer is online and ready to print.



Displayed when the printer is offline. (Background is gray)



Displayed when a warning has been issued. (Background is yellow)
A warning message is displayed but printing can continue. Troubleshoot the problem as required.



Displayed when an error has been issued. (Background is red)
An error message is displayed and printing cannot be continued. Troubleshoot the problem as required.

NOTE

- The status monitor allows you to check the current status of the printer, print status, ink information, and maintenance cartridge information.
- **Cancelling Printing**
To cancel printing, click [Cancel Print Job] on the status monitor.
Printing is canceled, all print data in process in the computer, current print jobs and print jobs that are received/processed are canceled.

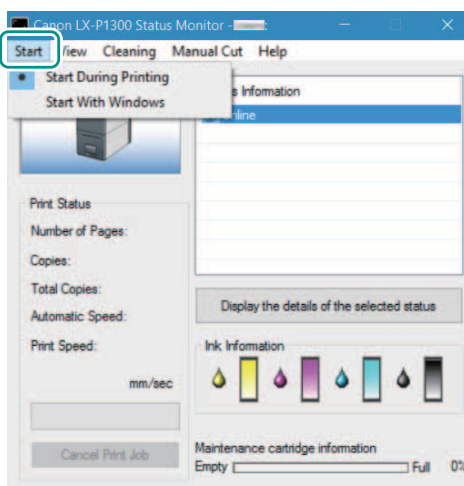
- **Viewing the Status Information**

The Status Information indicates the status of the printer by displaying the following four icons and messages.

-  Information
-  Warning message (P.173)
-  Operator Call Error message (P.167)
-  Service Call Error message (P.172)

How to Start and Display the Status Monitor

- 1 Open the Start menu and select the desired start option.



1. Select one of the following.

[Start During Printing]

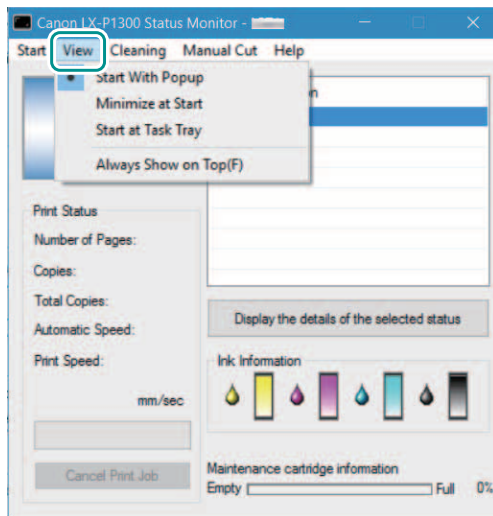
The Status Monitor automatically starts when a print job starts. (This is the default setting.)

[Start With Windows]

The Status Monitor starts when Windows starts.

A dot symbol (●) marks the currently selected item.

2 Open the View menu and select the desired option.



1. Select one of the following:

[Start With Popup]

Open and display the Status Monitor window.
(This is the default setting.)

[Minimize at Start]

Minimize and store the open Status Monitor window on the taskbar.

[Start at Task Tray]

Create an icon for the open Status Monitor window and stores the icon in the task tray.

A dot symbol (●) marks the currently selected item.

NOTE

- To start the status monitor, click [Start Status Monitor] on the [Utility] tab.
- When an error occurs, the status monitor pops up automatically.
- To always display the window on top, click [Always Show On Top]. The Status Monitor will appear semi-transparent on the screen.

Replacing the Ink Tank

When an ink tank needs to be replaced, the corresponding ink lamp lights up and an error message “xxxx ink empty” appears on the status monitor.

The procedures for replacing the ink tank and checking the ink condition are described below.

Replacing the Ink Tank

When an ink tank is out of ink, replace it following the procedure described below.

CAUTION

- For safety, keep ink tanks out of the reach of children.
- If a child licks or swallows ink by mistake, consult a physician immediately.

IMPORTANT

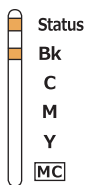
- Using ink that is not genuine could result in reduction of print quality or a printer failure.
- Fixing a printer failure resulting from use of an ink tank which is not genuine should be paid for even within the maintenance contract period or warranty period.
- Replace each ink tank as quickly as possible. Do not leave the printer for a long period with any ink tank removed.
- Do not leave ink tanks in a place subjected to high temperatures for a long period. They could deform.
- Store ink tanks in a place not subjected to direct sunlight.
- In order to retain high printing quality, use ink within 6 months of it being opened.

NOTE

- Inks other than black ink may be used when characters represented only in black are printed or black-and-white prints are made. Also, cleaning performed to maintain the performance of this printer and strong cleaning consumes all color inks. When there is no ink available for printing, replace the ink tank with a new one as soon as possible.

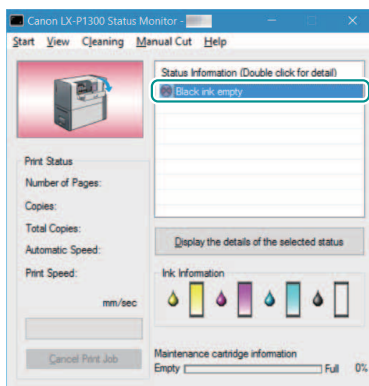
1 Replace the ink tank indicated by the ink lamp.

(Indication by Ink lamp)



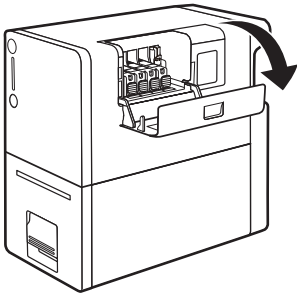
- The ink lamp lights up when the corresponding ink tank needs to be replaced.

(Indication on the status monitor)

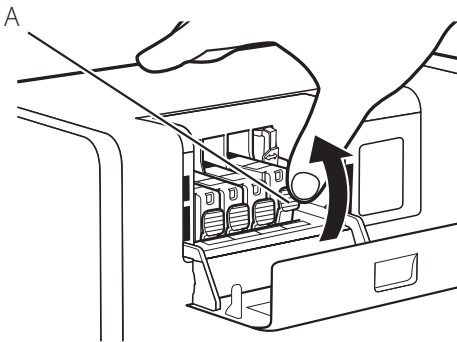


- An error message “XXXX ink empty” appears on the status monitor.
(XXXX: Black, Cyan, Magenta, or Yellow)

2 Open the ink tank cover.



3 Remove the ink tank.

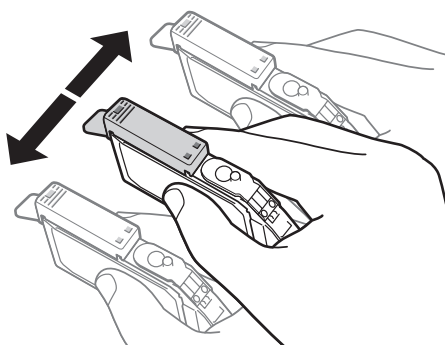
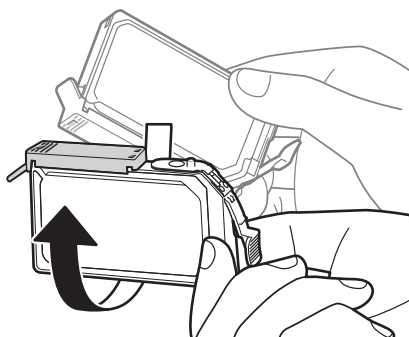
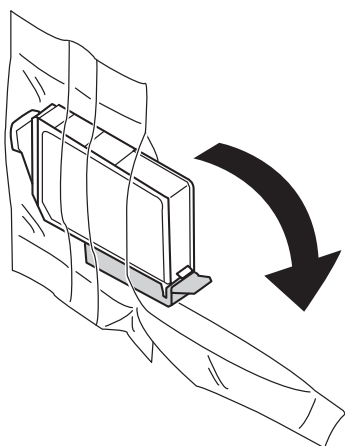


- Push the ink tank lock knob (A) and raise the ink tank to remove it.
- Do not remove two or more ink tanks at the same time. When replacing two or more ink tanks, be sure to replace the tanks one by one.

✓ IMPORTANT

- Do not touch the metal part inside the printer and other parts.
- Handle the ink tank carefully so that your clothes and the area around the printer are not stained with ink.
- Dispose the used ink tank according to the local regulations.

4 Preparing the Ink Tanks.



1. Remove each ink tank from the plastic bag.

- When using the LX-P1300, proceed to Step 2. (P.106)
- When using the LX-D1300, proceed to Step 4. (P.107)

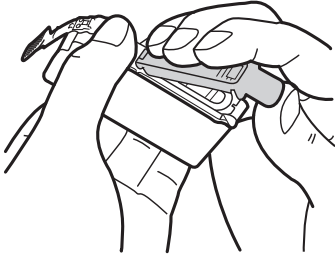
(For LX-P1300 only)

2. Hold the ink tank with the orange protective cap up.

- Do not remove the orange protective cap at this time.
- Shake the ink tank with the orange protective cap attached.

(For LX-P1300 only)

3. Shake the ink tank (about 10 times) about 5 cm (2 inches) to the left and right respectively.

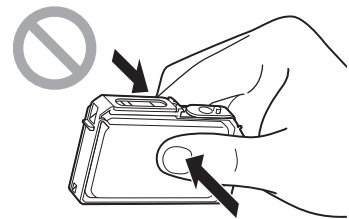


4. Remove the orange protective cap as shown in the figure.

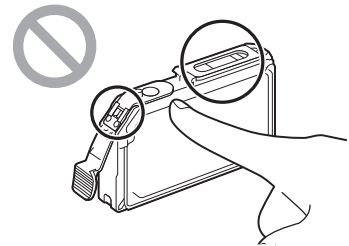
- When removing the protective cap, be sure to hold the ink tank as illustrated to avoid getting ink on your fingers.
- Dispose the removed protective cap according to local regulations.

✓ IMPORTANT

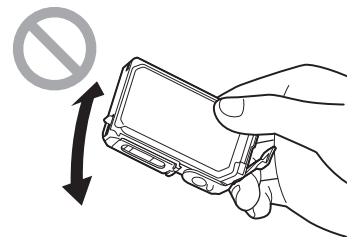
- Do not press on the sides of the ink tank as ink could come out.



- Do not touch the ink tank electric contacts. The printer could fail in operation/printing.
- After removing the protective cap, do not touch the ink supply opening. Ink could not be supplied properly.

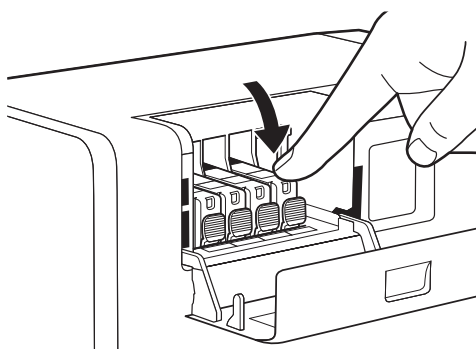


- After removing the protective cap, do not shake the ink tank with the ink supply opening down. Ink leaking from the ink supply opening could stain your clothes or the area around the printer.



- Be careful to ensure that ink adhered on the removed protective cap does not get on your clothes or the area surrounding the printer.

5 Install the ink tank in the printer.

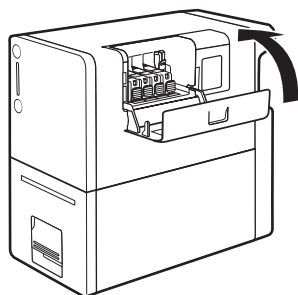


1. Insert the ink tank in the slot in the printer with the ink supply opening down.
- Before installing each ink tank, match the ink color with the corresponding label.
2. Press on the top of the ink tank until the ink tank clicks into place.

✓ IMPORTANT

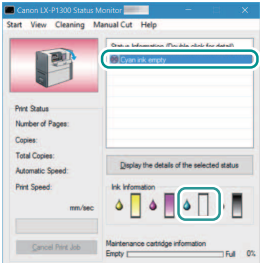
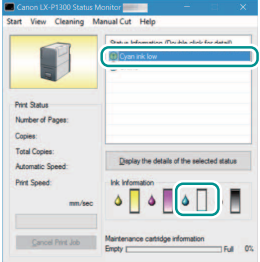
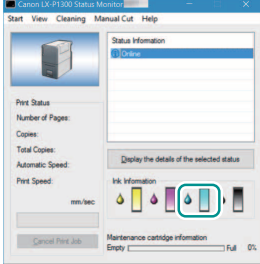
- Do not touch the metal part inside the printer and other parts.
- Install the ink tank at the correct position according to the label.
If any ink tank is installed in the wrong position, the printer cannot print. In addition, ink colors could be mixed, resulting in a printing failure.
- If any one of the ink tanks is not installed, the printer cannot print. Be sure to install all ink tanks.
- Once you installed an ink tank, do not remove or reinstall it before the replacement timing or ink refreshing timing is reached.

6 Close the ink tank cover.



Checking the Ink Condition

The ink condition will be indicated on the status monitor and by the Ink lamps.

Indication by ink lamp	Indication on status monitor	Status
Lit  Status Bk C M Y MC		The ink tank must be replaced.
Blinking  Status Bk C M Y MC		The ink tank is low. Remaining ink level: About 10% (It is recommended to have a new ink tank ready.)
Off  Status Bk C M Y MC		The ink tank is full.

The pictures of ink tanks shown on the status monitor stand for yellow (Y), magenta (M), cyan (C), and black (Bk) ink tanks from left.

✓ IMPORTANT

- For details on how to purchase a new ink tank, contact your place of purchase.
- After a warning message "XXXX ink low" ("XXXX": Black, Cyan, Magenta, or Yellow) is displayed, the number of print head cleaning increases, therefore the printing time also increases.
To prioritize printing time, replace a low ink tank with a new one.

Replacing the Maintenance Cartridge

When the maintenance cartridge becomes full of collected ink, the maintenance cartridge lamp lights up and a message "Maintenance cartridge full" appears on the status monitor.

Replacing the Maintenance Cartridge

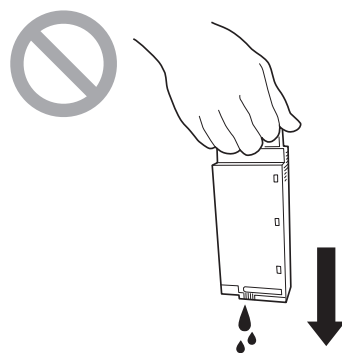
When the maintenance cartridge becomes full, replace it with a new one following the procedure described below.

CAUTION

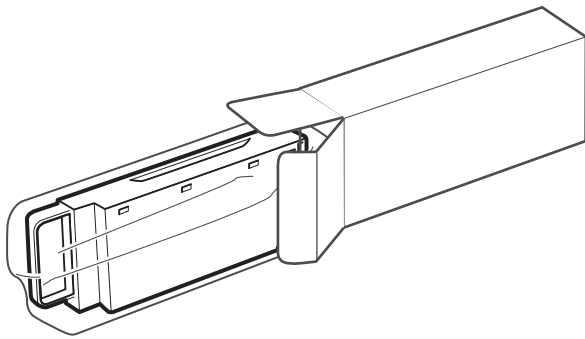
- For safety, keep the used maintenance cartridge out of the reach of children.
- If a child licks or swallows ink, consult a physician immediately.
- If ink comes into contact with your skin, rinse it off with flowing water and soap immediately. If irritation persists, consult a physician.

IMPORTANT

- Do not leave the printer for a long time with the maintenance cartridge removed.
- Do not insert or remove the maintenance cartridge except when replacing it.
- If the handle of the maintenance cartridge should be blotted by ink, clean it before removing.
- Place the used maintenance cartridge in the attached plastic bag, zip the plastic bag closed completely, and then dispose of it.
- Do not shake or strongly press on the maintenance cartridge. Do not hold the maintenance cartridge with the ink inlet down. Ink leaking from the ink inlet could stain your clothes or the area around you.



1 Unbox the new maintenance cartridge.

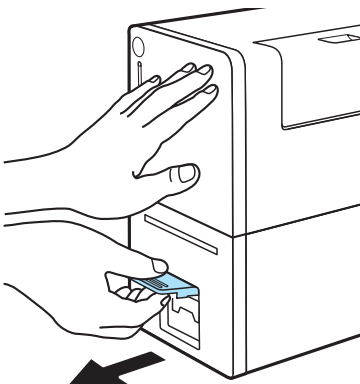


1. Open the shipping box.
2. Take the maintenance cartridge out of the shipping box.

2 Pull the transport unit out of the printer.

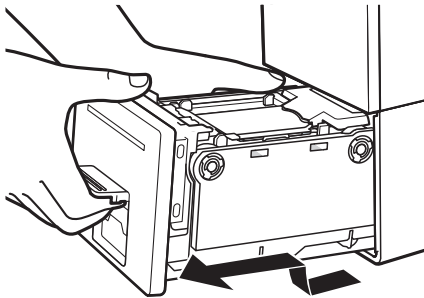


1. Raise the transport unit lever.



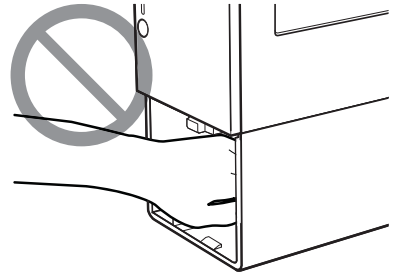
2. Pull this lever while holding the printer with one hand so that it does not move.

3. Pull the transport unit out with both hands as shown in the figure.



CAUTION

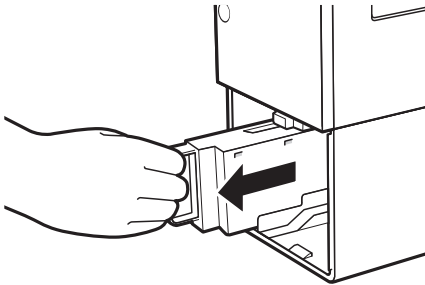
- When pulling the transport unit out of the printer, hold it securely with both hands so that it does not fall down.
- Do not put your hands inside the printer. Failure or physical injury could result. Ink adhered inside of the printer could stain clothes or hands.



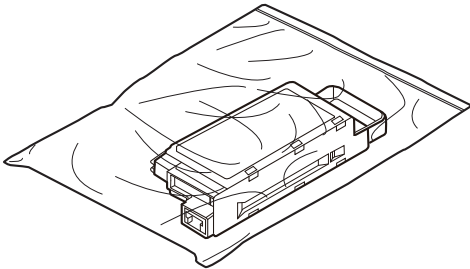
IMPORTANT

- When pulling the transport unit out of the printer or inserting it in the printer, be careful not to hit it strongly against the table or shelf. The surface of the table or shelf could be damaged.

3 Pull out the maintenance cartridge filled with ink.



1. Slowly pull the maintenance cartridge out.



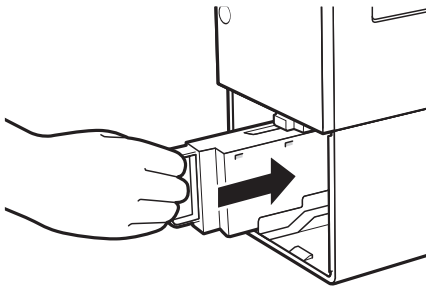
2. Place the removed maintenance cartridge in the plastic bag.
 - A new maintenance cartridge comes with a plastic bag to put the used maintenance cartridge in.
3. Zip the plastic bag closed completely.

✓ IMPORTANT

- Do not shake or strongly press on the maintenance cartridge or hold it with the ink inlet down. Ink leaking from the ink inlet could stain your clothes or the area around you.

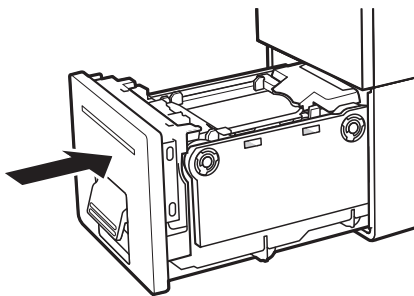
4 Install the new maintenance cartridge.

- Insert the maintenance cartridge as far as it will go.

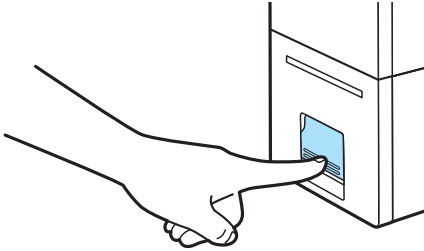


5 Set the transport unit in the printer.

1. Slowly insert the transport unit as far as it will go.



2. Push the transport unit lever until it clicks.



CAUTION

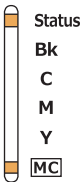
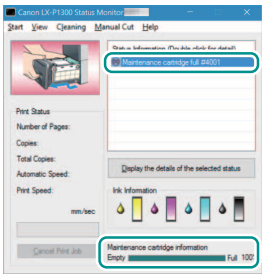
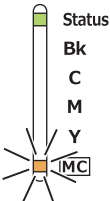
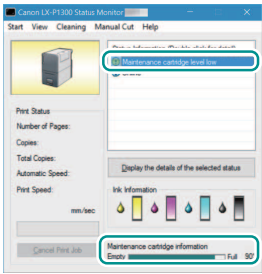
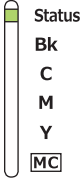
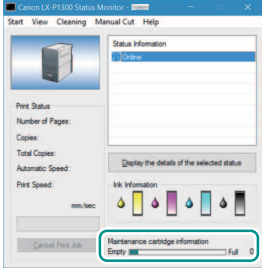
- When inserting the transport unit, be careful not to get your fingers caught between the transport unit and the main body of the printer.

IMPORTANT

- Do not store the used maintenance cartridge with the ink inlet down. Ink leaking from the ink inlet could stain your clothes or the area around you.
- Dispose the used maintenance cartridge according to the local regulations.

Checking the Status of the Maintenance Cartridge

The maintenance cartridge information will be indicated on the status monitor and by the maintenance cartridge lamp.

Indication by maintenance cartridge lamp	Display on status monitor	Status
Lit 		The maintenance cartridge is full and must be replaced.
Blink 		The maintenance cartridge has limited free space. Free space: About 10% (It is recommended to have a new maintenance cartridge ready.)
Off 		The maintenance cartridge has free space.

✓ IMPORTANT

- For details on how to purchase a new maintenance cartridge, contact your place of purchase.

Cleaning the Print Head

If the printed result is faint, print head nozzles may be clogged with paper dust, etc. When nozzles are clogged, perform print head cleaning.

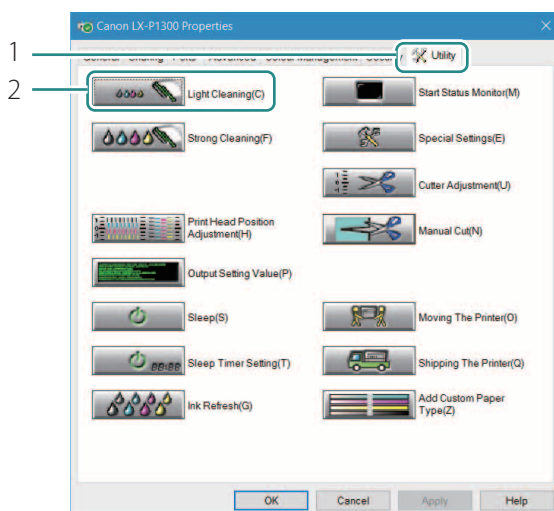
✓ IMPORTANT

- When printing is in progress or an error has occurred, cleaning cannot be performed.
- When cleaning is in progress, do not perform any other operation.
- Since cleaning consumes inks, clean only when necessary. Note that strong cleaning consumes more ink than normal cleaning (light cleaning).
- The print head may become dried or clogged if the printer has not been used for a long time. Use the printer periodically.

Normal Cleaning (Light Cleaning)

1 Open the printer driver setup window. (P.30)

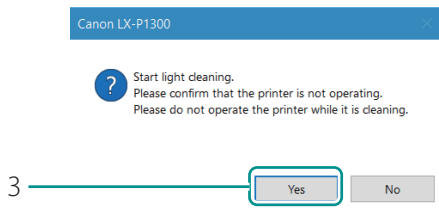
2 Perform light cleaning.



1. Click the [Utility] tab.

2. Click [Light Cleaning].

- A confirmation message will appear.



3. Review the displayed message and then click [Yes].

- Light cleaning begins.
- When cleaning is in progress, do not perform any other operation.
It takes about 2 minutes (For LX-D1300: 4 minutes) to finish the cleaning.

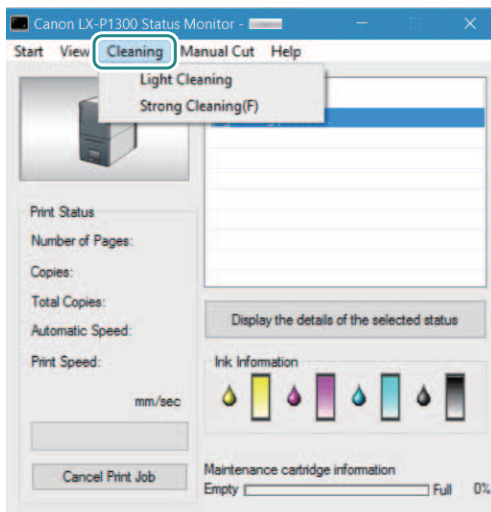
NOTE

- If printing is still faint after the completion of light cleaning, perform strong cleaning (P.119)

• Cleaning during Printing

You can stop printing temporarily to perform cleaning.

1. Press the pause key.
2. Select [Light Cleaning] or [Strong Cleaning] from the [Cleaning] menu on the status monitor.



Strong Cleaning

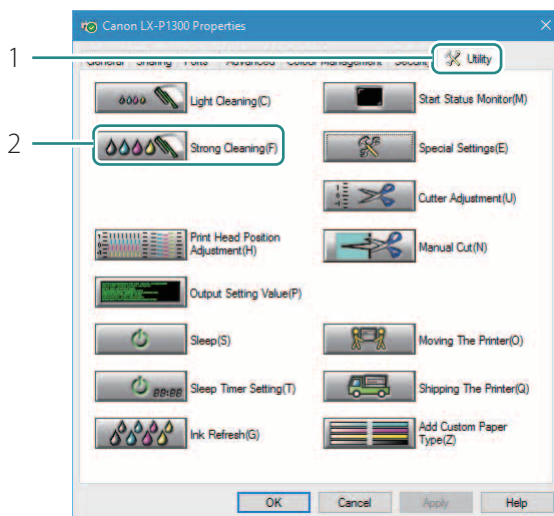
If print is faint after completion of normal cleaning (light cleaning), perform strong cleaning.

✓ IMPORTANT

- Since strong cleaning consumes more ink than normal cleaning (light cleaning), perform only when necessary.

1 Open the printer driver setup window. (P.30)

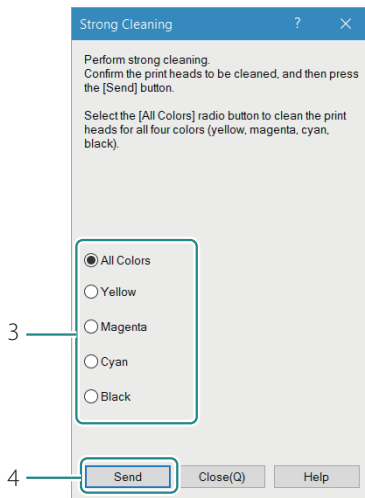
2 Perform strong cleaning.



1. Click the [Utility] tab.

2. Click [Strong Cleaning].

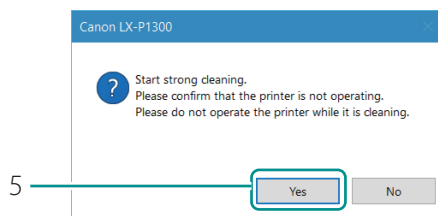
- A confirmation message appears.



3. Select the ink colors corresponding to the nozzles you want to clean.

The nozzles corresponding to the radio button which is checked will be cleaned.
Select [All Colors] radio button to clean nozzles for all colors together.

4. Click [Send].



5. Review the displayed message and then click [Yes].

- Strong cleaning begins.
- When cleaning is in progress, do not perform any other operation.

It takes about 7 minutes (For LX-D1300: 10 minutes) to finish the cleaning.

NOTE

- If strong cleaning does not unclog the print head, replacement of the print head may be required. Contact your place of purchase.

Adjusting Print Head Position

Adjust the print head position if a color shift is found.

To adjust the print head position, print adjustment patterns and enter adjustment values while looking at the printed adjustment patterns.

IMPORTANT

- Administrative privileges over this printer are required to configure printer settings.
If a user without administrative privileges proceeds with printer settings configuration, a message "You do not have rights to printer management. Please contact your system administrator." appears.
For more details, see "[Administrative privileges required for certain features \(P.41\)](#)".
- Make sure exclusive paper for color label printer, which is equal to or larger than 1 inch × 1.5 inch in size, is set in the printer. If the paper size is smaller than 1 inch × 1.5 inch, adjustment patterns cannot be printed.
- Print head position cannot be adjusted when printing is in progress or an error has occurred.

NOTE

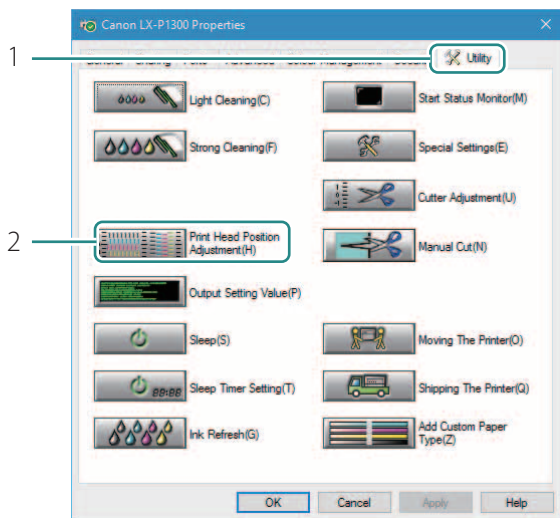
- After completion of printing of adjustment patterns, paper is cut automatically regardless of the auto cutter setting.

1 Check the print paper.

Use exclusive paper for color label printer which is equal to or larger than 1 inch × 1.5 inch in size.

2 Open the properties window of the printer. [\(P.31\)](#)

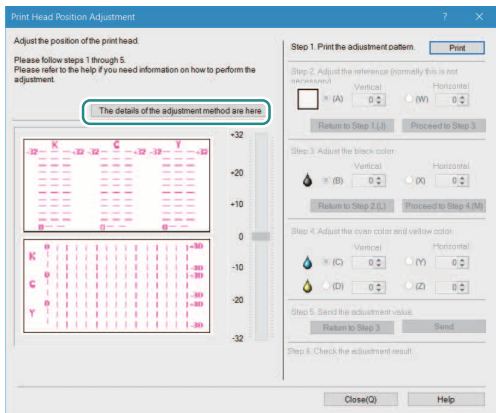
3 Display the [Print Head Position Adjustment] dialog box.



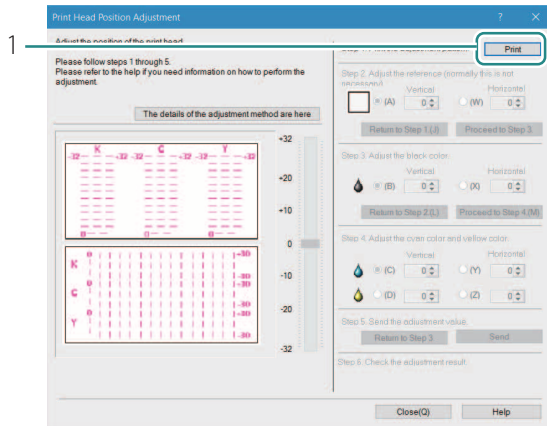
1. Click the [Utility] tab.
2. Click [Print Head Position Adjustment].

NOTE

- Clicking [The details of the adjustment method are here] in the [Print Head Position Adjustment] dialog box will display the help screen showing the print head adjustment method.

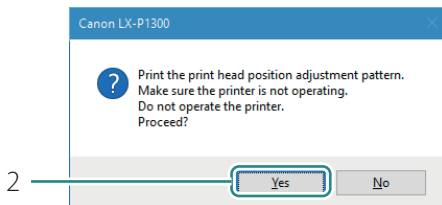


4 [Step 1] Print adjustment patterns.



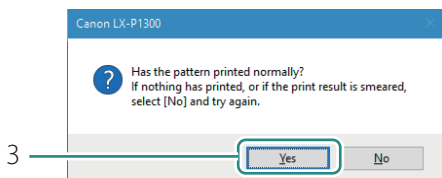
1. Make sure the printer is not operating and then click [Print].

- A confirmation message will appear.



2. Review the displayed message, and then click [Yes].

- Printing of adjustment patterns will begin.

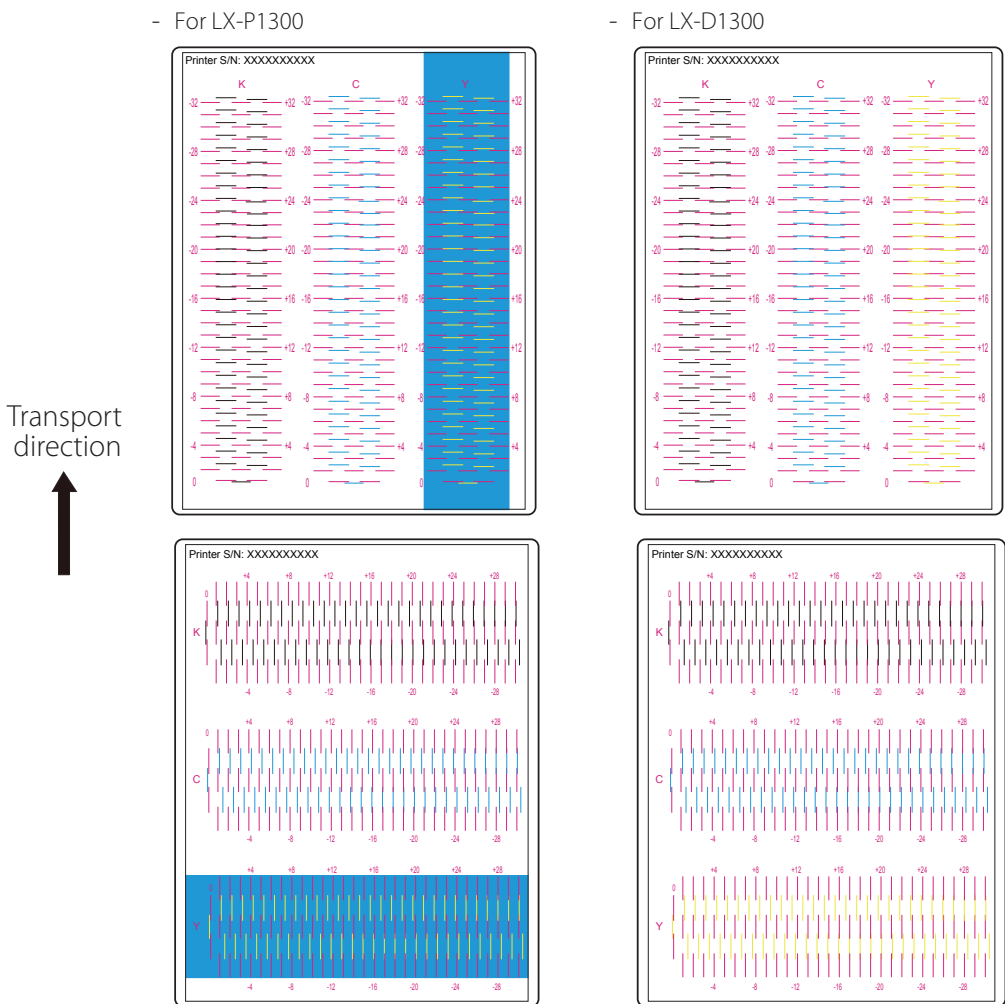


3. If adjustment patterns have printed normally, click [Yes].

- If you select [No], adjustment patterns will be printed again.

5 Check the print head adjustment patterns.

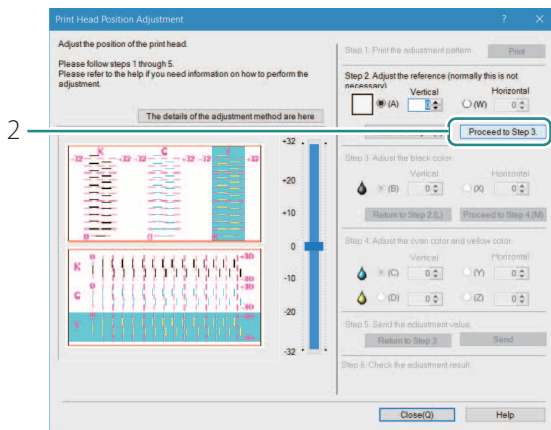
Check whether inks are injected from the print head normally, and the print head position is not deviated. The print head adjustment patterns include a “print head position adjustment pattern (portrait)” for measuring the print head deviation in the transport direction, a “print head position adjustment pattern (landscape)” for measuring the print head deviation in the direction perpendicular to the transport direction, and a black frame for checking the reference position of each ink.



6 [Step 2] Check the reference position.

Check whether the black frame is centered on the paper.

If the black frame is not centered, adjust the reference position. (Normally, it is not necessary to adjust the reference position.)

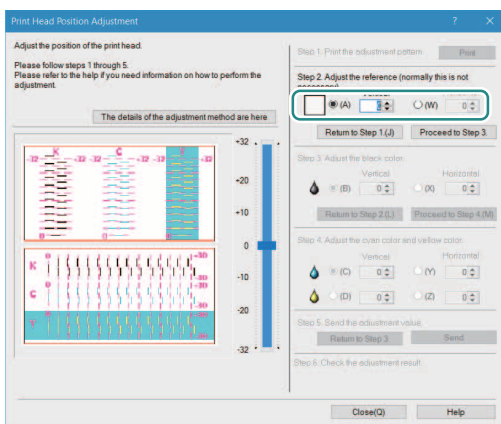


1. Check whether the black frame is centered on the paper.
 - The top line of the black frame must be located 1.5 mm (0.06 inch) below the upper edge of the paper, and the left line of the black frame must be located 3.5 mm (0.14 inch) away from the left edge of the paper. If the black frame is deviated significantly, adjust the reference position (P.125)
2. Click [Proceed to Step 3].

NOTE

• Adjusting the Reference Position

When the reference position is correct, the top line of the black frame is located 1.5 mm (0.06 inch) below the upper edge of the paper and the left line of the black frame is located 3.5 mm (0.14 inch) away from the left edge of the paper. Adjust the reference position only when it is deviated significantly.

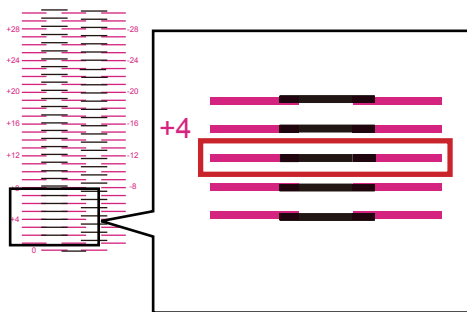


- Vertical adjustment:
If the black frame is shifted upward, specify a positive (+) value. If the black frame is shifted downward, specify a negative (-) value.
Click the button (A) and then specify the adjustment value.
- Horizontal adjustment:
If the black frame is shifted leftward, specify a positive (+) value. If the black frame is shifted rightward, specify a negative (-) value.
Click the button (W) and then specify the adjustment value.

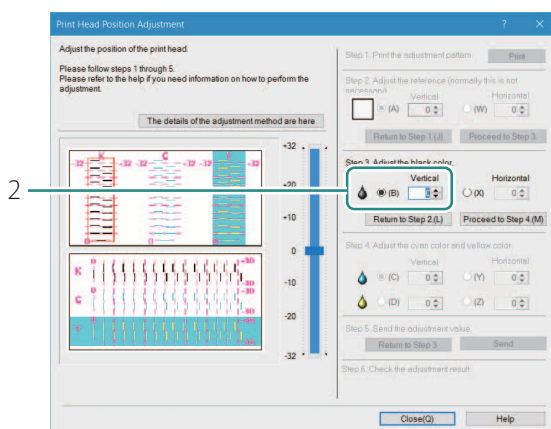
- To specify the adjustment value, move the slider or enter a value directly in the entry box (spinner) interlocked with the slider.
- Changing the value by 1 will move the black frame 0.0212 mm (0.0008 inch) upward/downward/leftward/rightward.
- The vertical adjustment range is from -32 to +32, and the horizontal adjustment range is from -30 to +30. However, the adjustment range may be limited depending on the current setting. Specify the adjustment value between ▲ and ▼ shown on the slider scale.
- To retry from [Step 1] (printing of adjustment patterns), click [Return to Step 1].

7 [Step 3] Adjust the print head position for black.

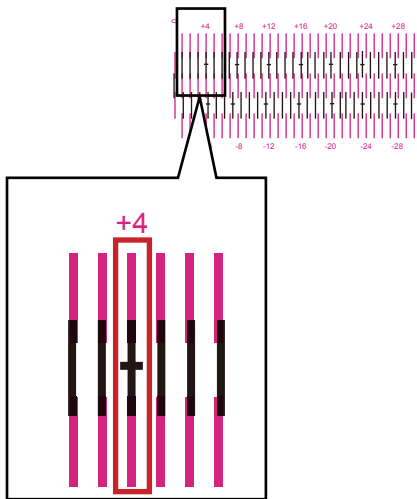
Adjust the print head position for black while looking at the adjustment pattern [K].



1. Read the vertical adjustment value in the adjustment pattern [K].
 - The adjustment value is found on the left of the magenta and black lines which appear to be smoothly connected. (without steps)
For example, in the pattern shown on the left, the adjustment value is +3.

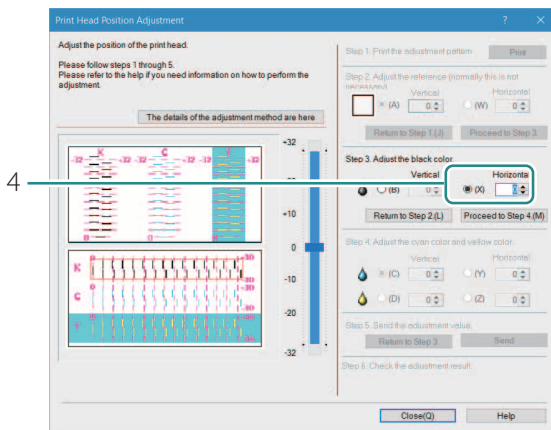


2. Click the button (B) and then specify the vertical adjustment value.
 - If the radio button is selected, the visible point in the adjustment pattern in [Head Position Adjustment] dialog box will be outlined in red.

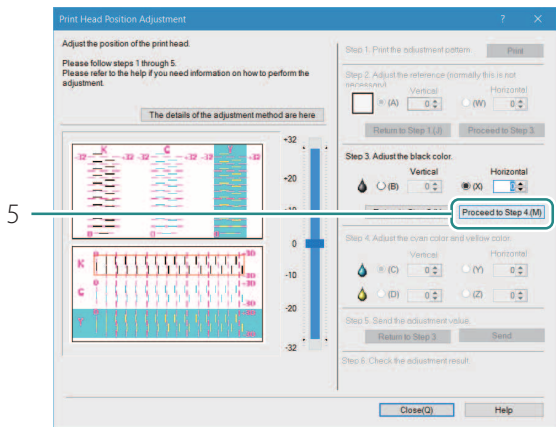


3. Read the horizontal adjustment value in the adjustment pattern [K].

- The adjustment value is found at the top of the magenta and black lines which appear to be smoothly connected. (without steps)
For example, in the pattern shown on the left, the adjustment value is +4.



4. Click the button (X) and then specify the vertical adjustment value.
- If the radio button is selected, the visible point in the adjustment pattern in [Head Position Adjustment] dialog box will be outlined in red.



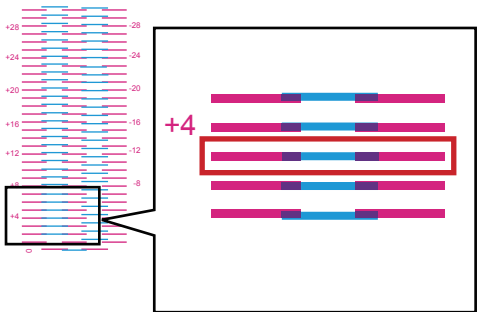
5. Click [Proceed to Step 4].

NOTE

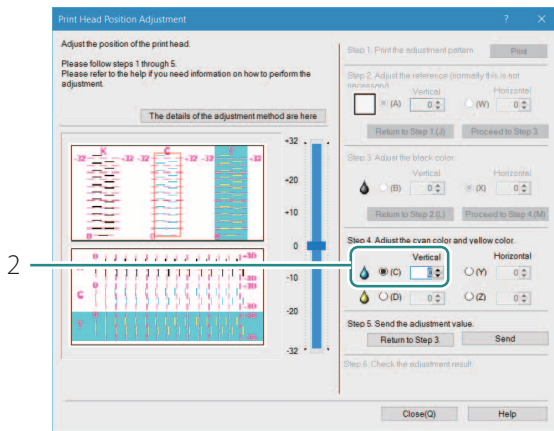
- To specify the adjustment value, move the slider or enter a value directly in the entry box (spinner) interlocked with the sidebar.
- The vertical adjustment range is from -32 to +32, and the horizontal adjustment range is from -30 to +30. However, the adjustment range may be limited depending on the current setting. Specify the adjustment value between ▲ and ▼ shown on the slider scale.
- To retry from [Step 2] (adjustment of the reference position), click [Return to Step 2].

8 [Step 4] Adjust the print head position for cyan and yellow.

Adjust the print head position for cyan while looking at the adjustment pattern [C], and adjust the print head position for yellow while looking at the adjustment pattern [Y].

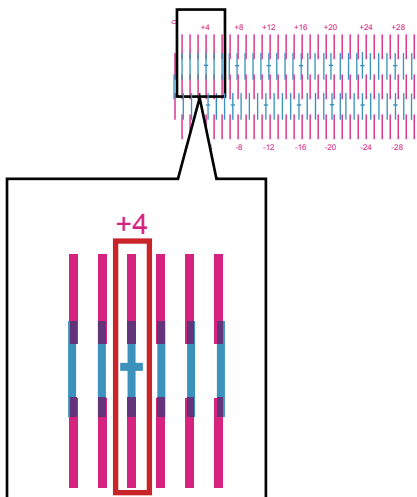


1. Adjust the print head position for cyan.
Read the vertical adjustment value on the adjustment pattern [C].
- The adjustment value is found on the left of the magenta and cyan lines which appear to be smoothly connected. (without steps)
For example, in the pattern shown on the left, the adjustment value is +3.



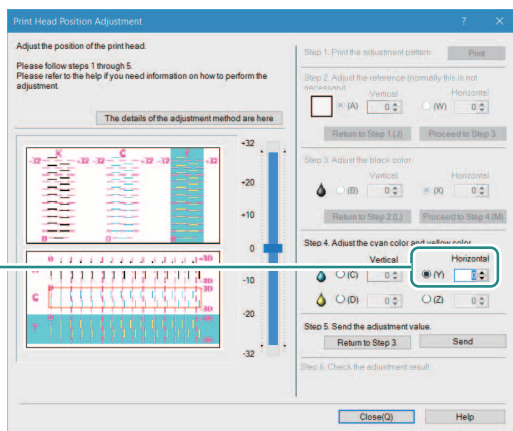
2. Click the button (C) and then specify the vertical adjustment value.

- If the radio button is selected, the visible point in the adjustment pattern in [Head Position Adjustment] dialog box will be outlined in red.



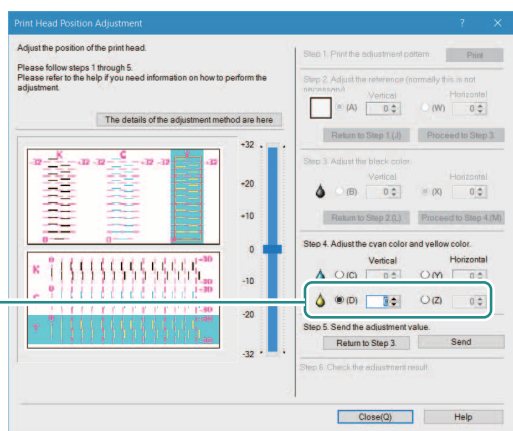
3. Read the horizontal adjustment value on the adjustment pattern [C].

- The adjustment value is found at the top of the magenta and cyan lines which appear to be smoothly connected. (without steps)
For example, in the pattern shown on the left, the adjustment value is +4.



4. Click the button (Y) and then specify the horizontal adjustment value.

- If the radio button is selected, the visible point in the adjustment pattern in [Head Position Adjustment] dialog box will be outlined in red.



5. Adjust the print head position for yellow. (Adjustment pattern [Y])

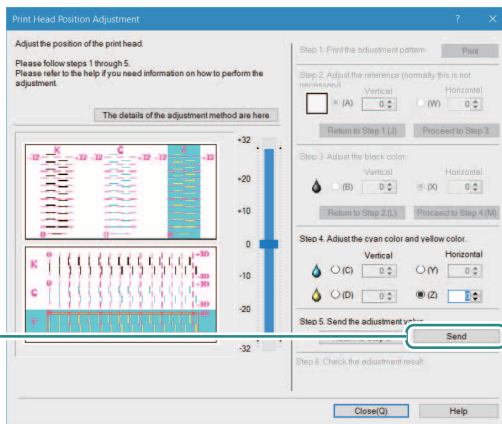
Read the vertical and horizontal adjustment values in the same manner as cyan and then click radio buttons (D) and (Z) one after another to specify the vertical and horizontal adjustment values.

- If the radio button is selected, the visible point in the adjustment pattern in [Head Position Adjustment] dialog box will be outlined in red.

NOTE

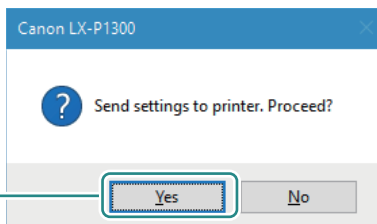
- To specify the adjustment value, move the slider or enter a value directly in the entry box interlocked with the slider.
- The vertical adjustment range is from -32 to +32, and the horizontal adjustment range is from -30 to +30. However, the adjustment range may be limited depending on the current settings. Specify the adjustment value between ▲ and ▼ shown on the slider scale.
- To retry from [Step 3] (adjustment of the print head position for black), click [Return to Step 3].

9 [Step 5] Send the adjustment values to the printer.



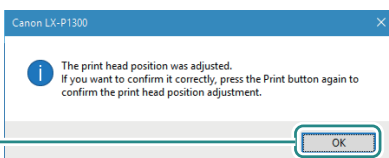
1. Click [Send].

- A confirmation message will appear.



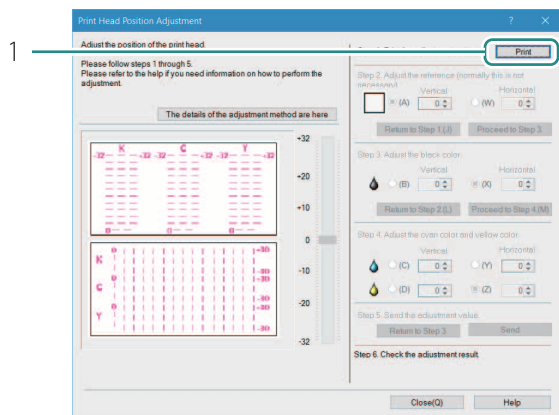
2. Click [Yes].

- The print head position is adjusted.



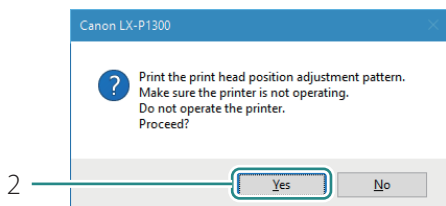
3. Click [OK].

10 Print adjustment patterns again.



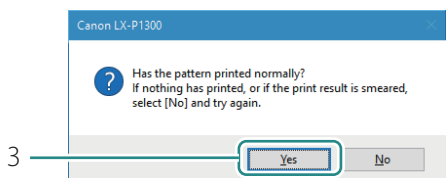
1. Click [Print].

- A confirmation message will appear.



2. Review the displayed message and then click [Yes].

- Printing of adjustment patterns begins.



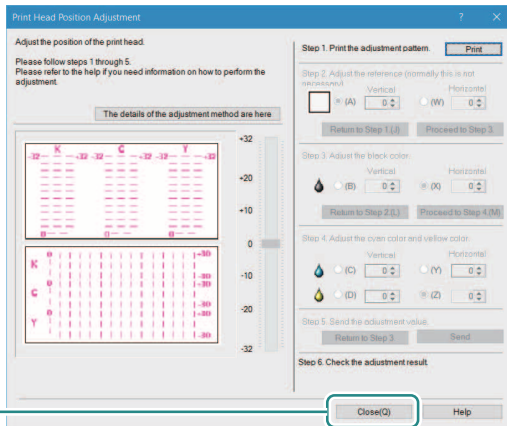
3. When adjustment patterns have been printed normally, click [Yes].

- If you select [No], printing patterns will be printed again.

11 Check the adjustment patterns after the adjustment of the head position.

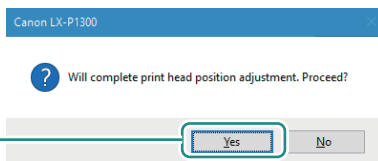
Make sure the lines of each color are smoothly connected at "0" on the adjustment patterns. If the lines appear to be out of alignment (stepped), readjustment is required.

12 Complete the print head position adjustment procedure.



1. Click [Close].

- A confirmation message will appear.



2. Click [Yes].

Checking the Setting Values

How to print information about the current settings of the printer.
Select the printer or a file (*.txt) as the output destination.

IMPORTANT

- When outputting the setting information to the printer, make sure exclusive paper for color label printer, which is equal to or larger than 2 inch × 3 inch in size, is set in the printer. If the paper size is smaller than 2 inch × 3 inch, the setting information cannot be printed.
- The setting information cannot be printed when printing is in progress or an error has occurred.
- Close the status monitor if it is running.
- If this function is run on a shared printer, make sure the status monitor has not been launched on the client when working on a server, or has not been launched on the server when working on the client. The process may not be completed correctly if the status monitor is running.

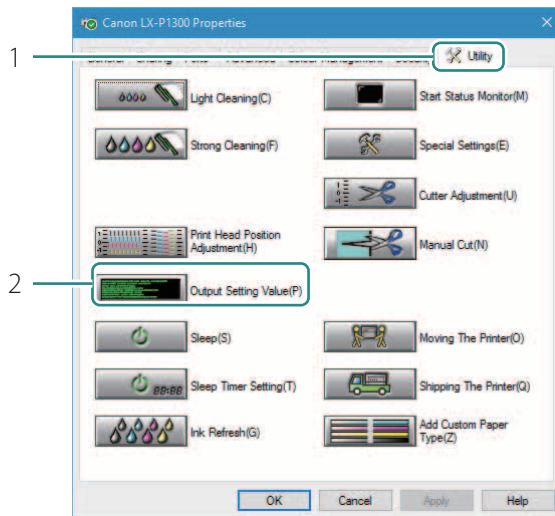
NOTE

- When printing of the setting information is completed, paper is automatically cut regardless of the auto cutter setting.

1 When printing the setting information, check the size of the print paper.

2 Open the printer driver setup window. (P.30)

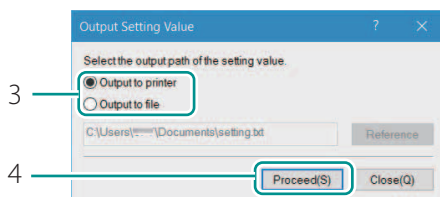
3 Print the current settings.



1. Click the [Utility] tab.

2. Click [Output Setting Value].

- The [Output Setting Value] dialog box appears.



3. Select an output destination.

- When you selected the "Output to file": Click [Reference], and select the storage location of the file.

4. Click [Proceed].

The setting values have printed.



• How to Read the Output Setting Values

- For LX-P1300

LX-P1300		
Printer Serial Number.....	XX XXXX	Serial Number of Printer
Firmware ROM Version.....	Ver.XX.XX	Firmware ROM Version
Date and Time	dd/mm/20yy hh:mm	The print date and time
Printhead Position Adjustment-V		Vertical adjustment value of each print head (Bk/C/M/Y)
K	X dot	
C	X dot	
M	X dot	
Y	X dot	
Printhead Position Adjustment-H		Horizontal adjustment value of each print head (Bk/C/M/Y)
K	X dot	
C	X dot	
M	X dot	
Y	X dot	
Cut Position	X mm	Cutter position adjustment value
Ink Pre-fire on the Paper	ON	Ink Pre-fire on the Paper (ON/OFF)
AIS Mode	ON	AIS Mode(ON/OFF)
Low Temperature Mode	OFF	Low Temperature Mode (ON/OFF)
Prevent Paper Rubbing Mode	OFF	Prevent Paper Rubbing Mode (ON/OFF)
InkRefresh LastDate	dd/mm/20yy	Last date and time of ink refresh
Sleep Timer Setting	X min	Sleep Timer Setting
Power Off Timer Setting	X min	Power Off Timer Setting
Ethernet Information		
Use DHCP	OFF	DHCP (ON/OFF)
Mac Address	X	Mac Address
IP Address.....	X	IP Address
Subnet Mask	X	Subnet Mask
Default Gateway	X	Default Gateway
Ink Level Detection Mode	Enabled	Each ink level detection function (Bk/C/M/Y) (Enabled/Disabled)
Black Ink Tank	Enabled	
Cyan Ink Tank	Enabled	
Magenta Ink Tank	Enabled	
Yellow Ink Tank	Enabled	

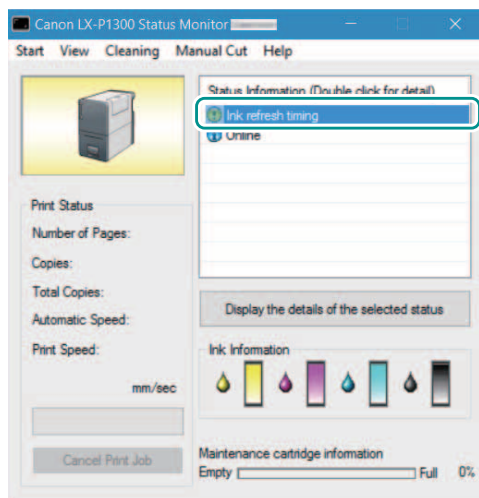
- For LX-D1300

LX-D1300		
Printer Serial Number.....	XX XXXX	Serial Number of Printer
Firmware ROM Version.....	Ver.XX.XX	Firmware ROM Version
Date and Time	dd/mm/20yy hh:mm	The print date and time
Printhead Position Adjustment-V		Vertical adjustment value of each print head (Bk/C/M/Y)
K	X dot	
C	X dot	
M	X dot	
Y	X dot	
Printhead Position Adjustment-H		Horizontal adjustment value of each print head (Bk/C/M/Y)
K	X dot	
C	X dot	
M	X dot	
Y	X dot	
Cut Position	X mm	Cutter position adjustment value
Ink Pre-fire on the Paper	ON	Ink Pre-fire on the Paper (ON/OFF)
AIS Mode	ON	AIS Mode(ON/OFF)
Low Temperature Mode	OFF	Low Temperature Mode (ON/OFF)
Prevent Paper Rubbing Mode	OFF	Prevent Paper Rubbing Mode (ON/OFF)
Sleep Timer Setting	X min	Sleep Timer Setting
Power Off Timer Setting	X min	Power Off Timer Setting
Ethernet Information		
Use DHCP	OFF	DHCP (ON/OFF)
Mac Address	X	Mac Address
IP Address.....	X	IP Address
Subnet Mask	X	Subnet Mask
Default Gateway	X	Default Gateway
Ink Level Detection Mode	Enabled	Each ink level detection function (Bk/C/M/Y) (Enabled/Disabled)
Black Ink Tank	Enabled	
Cyan Ink Tank	Enabled	
Magenta Ink Tank	Enabled	
Yellow Ink Tank	Enabled	

Maintaining Ink Quality (LX-P1300 only)

Ink needs to be stirred periodically to keep its density uniform.

When the warning message "Ink refresh timing" appears, take the appropriate action.



✓ IMPORTANT

- When the warning message "Ink refresh timing" appears, perform ink refreshing. It is not necessary to perform ink refreshing until this message appears.
- Ink refreshing consumes ink.
- Administrative privileges over this printer are required to perform ink refreshing.
- Even if the warning message "Ink refresh timing" appears, it is possible to continue printing until the error message "Ink refresh timing exceeded" appears 30 days later.
- When it exceeds timing for ink refresh, the warning message "Ink refresh timing exceeded" appears. The printer cannot print in this status. Perform "ink refresh".

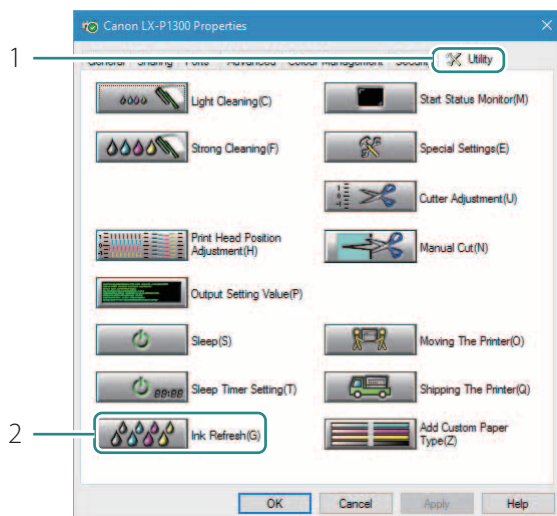
1 Open the printer driver setup window. (P.30)

NOTE

- When the warning message “Ink refresh timing exceeded” appears, the following pop-up screen is displayed at the same time. Click [Start Ink Refresh] to go to step 4 (P.140).



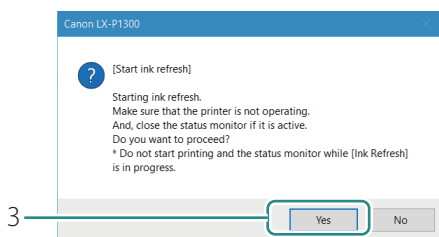
2 Perform ink refreshing.



1. Click the [Utility] tab.

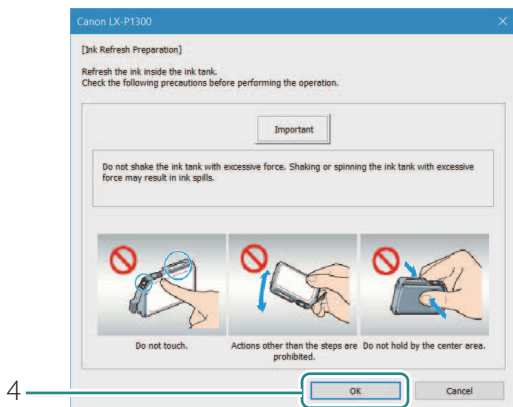
2. Click [Ink Refresh].

- A confirmation message appears.



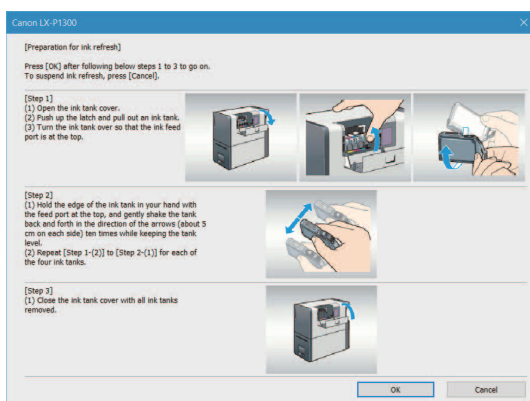
3. Click [Yes].

- Close the status monitor, if it is active.



4. Click [OK].

- Confirm the ink tank handling precautions.



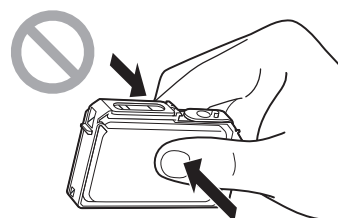
5. Perform the procedure for stirring the ink in each ink tank following the the procedure to the left.

- Stir ink in all ink tanks.
- When shaking the ink tank, be sure to hold it with the ink supply opening up.
- Do not install the ink tank at this time.

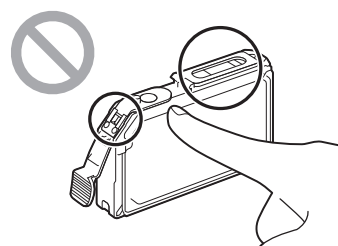
✓ IMPORTANT

- Do not touch the metal part inside the printer and other parts.

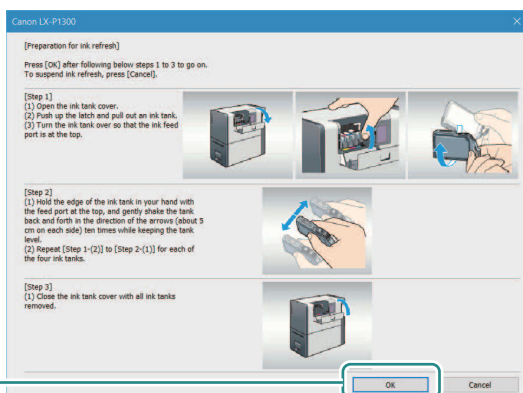
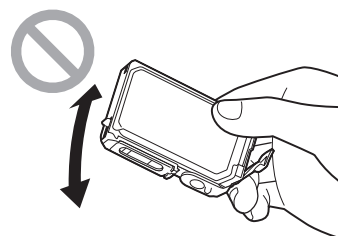
- Do not press on the sides of the ink tank as ink could come out.



- Do not touch the ink tank electric contacts. The printer could fail in operation/printing.
- After removing the protective cap, do not touch the ink supply opening. Ink could not be supplied properly.



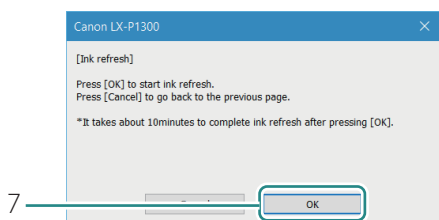
- After removing the protective cap, do not shake the ink tank with the ink supply opening down. Ink leaking from the ink supply opening could stain your clothes or the area around the printer.



- When you have finished the procedure, click [OK].

- A confirmation message appears.

6



7. Click [OK].

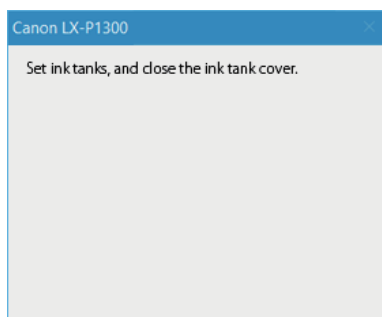
- Ink refreshing starts.
Do not operate the printer before the screen for Step 8 appears.

✓ IMPORTANT

- When ink refreshing is in progress, observe the following precautions:
 - Do not turn off the printer.
 - Do not open/close the ink tank cover and transport unit lever.
 - Do not operate other controls and components of the printer.

📖 NOTE

- When the message "Maintenance cartridge full" appears, replace the maintenance cartridge with a new one, and then click [Retry]. For how to replace the maintenance cartridge, see ["Replacing the Maintenance Cartridge \(P.110\)"](#).



8. When the screen shown on the left appears, install the ink tanks.

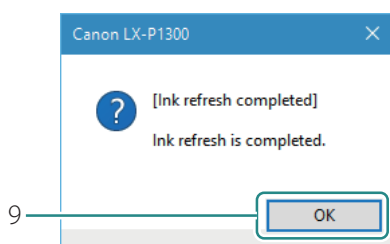
- After installing the ink tanks, closing the ink tank cover will start ink filling automatically.
Do not operate the printer before the message "Ink refresh completed" appears.

✓ IMPORTANT

- Install the ink tanks at correct positions according to the labels attached on them.
If any ink tank is installed in the wrong position, the printer cannot print. In addition, ink colors could be mixed, resulting in a printing failure.
- If any one of the ink tanks is not installed, ink refreshing cannot be completed.
- Be sure to install all ink tanks.
When ink filling is in progress, observe the following precautions:
 - Do not turn off the printer.
 - Do not open/close the ink tank cover and transport unit lever.
 - Do not operate other controls and components of the printer.

 NOTE

- When the message “Maintenance cartridge full” appears, replace the maintenance cartridge with a new one, and then click [Retry]. For how to replace the maintenance cartridge, see [“Replacing the Maintenance Cartridge \(P.110\)”](#).
- When the message “xxxx ink empty” appears, replace the empty ink tank with a new one, and then click [Retry]. For how to replace the ink tank, see [“Replacing the Ink Tank \(P.103\)”](#).



9. When the message “Ink refresh completed” appears, click [OK].

Cleaning the Printer

Clean the printer periodically to preserve the print quality and prevent issues.

WARNING

- When cleaning the printer, do not use a flammable solvent such as alcohol or thinner. If it is brought into contact with the electric parts inside the printer, a fire or electric shock could result.

Cleaning the exterior of the printer

To preserve the print quality, periodically clean the exterior of the printer.

CAUTION

- Prior to cleaning the printer, be sure to turn it off and unplug the power cord.

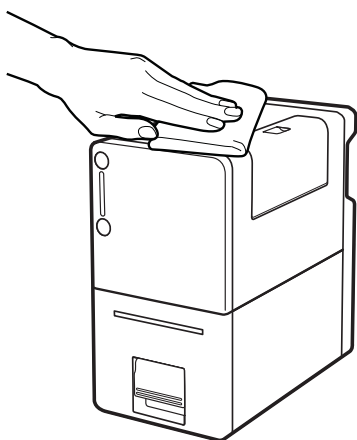
1 Turn off the printer. (P.7)

IMPORTANT

- While the power lamp is lit or blinking, do not remove the power plug from the outlet. A printer failure could result.

2 Disconnect the power cord and interface cable.

-
- 3** Wipe the exterior clean with a damp cloth thoroughly wrung out.



-
- 4** Connect the power cord and interface cable.

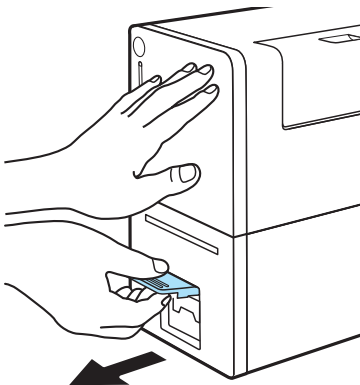
Cleaning the Transport Unit

If printed paper is stained or paper cannot be fed properly, the transport unit may be stained. Clean the transport unit periodically.

- 1 Pull the transport unit out of the printer.

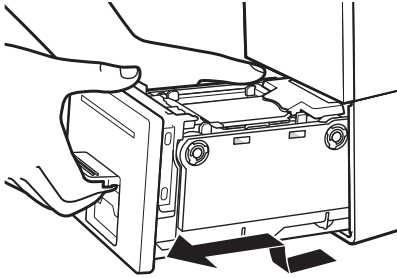


1. Raise the transport unit lever.



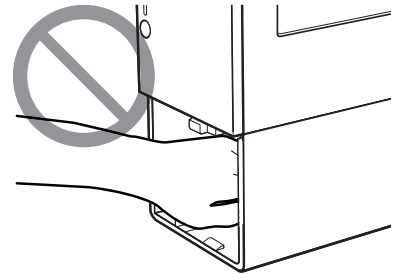
2. Pull this lever while holding the printer with one hand so that it does not move.

3. Pull the transport unit out with both hands as shown in the figure.



CAUTION

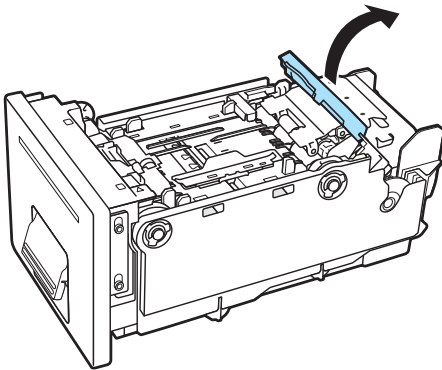
- When pulling the transport unit out of the printer, hold it securely with both hands so that it does not fall down.
- Do not put your hands inside the printer. Failure or physical injury could result. Ink adhered inside of the printer could stain clothes or hands.



IMPORTANT

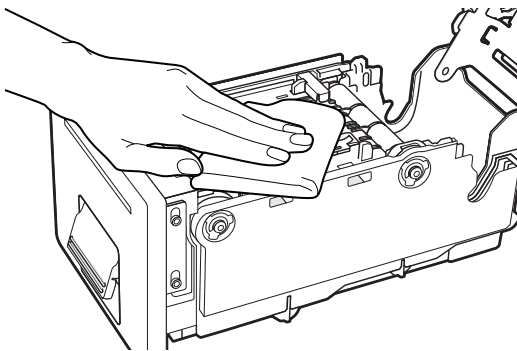
- When pulling the transport unit out of the printer or inserting it in the printer, be careful not to hit it strongly against the table or shelf. The surface of the table or shelf could be damaged.

2 Wipe the transport unit clean with a damp cloth thoroughly wrung out.

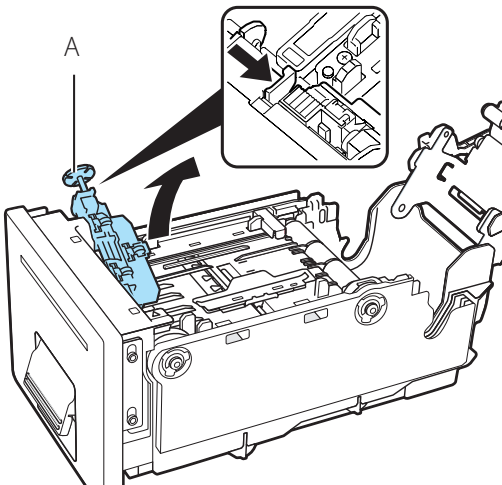


1. Open the paper set lever.

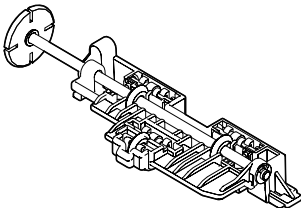
- Remove paper if it is still in the printer. (P.18)



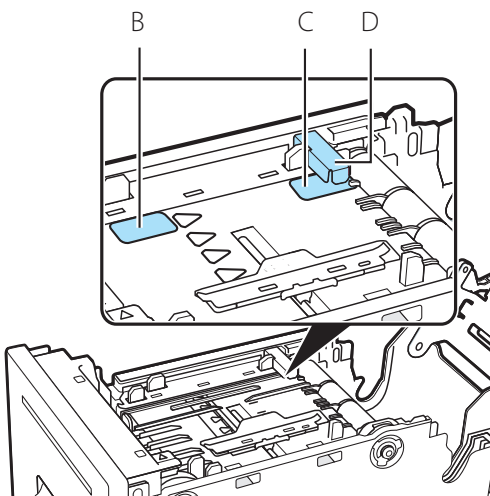
2. Wipe ink and paper dust off the transport area, paper guides, and paper set lever.



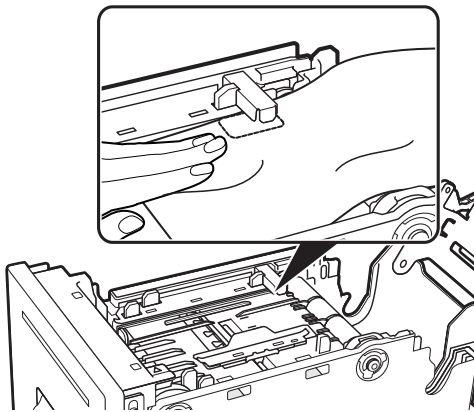
3. Remove the paper retainer (A).



4. Turn the paper retainer (A) over , and wipe ink and paper dust off on the back surface.



5. Wipe ink and paper dust off the sensors (B, C, and D).

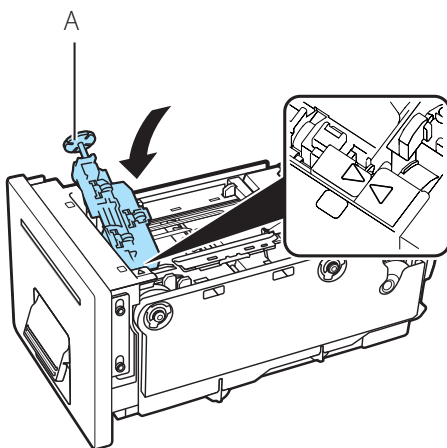


- To clean the sensors (C and D), pass a cloth under them.

✓ IMPORTANT

- Do not use a paper towel, wet wipes or tissue paper. If a torn piece or dust of the paper towel, wet wipes or tissue paper enters inside of the printer, a printer failure could result.

3 Mount the paper retainer.



- Align the mark (▽) indicated on the paper retainer with the mark (△) indicated on the printer frame.

4 Load the paper. (P.12)

Chapter 4

Troubleshooting

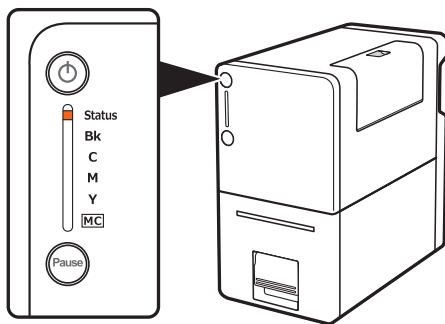
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For Troubleshooting Operations

If problems persist after trying these procedures, contact your place of purchase.

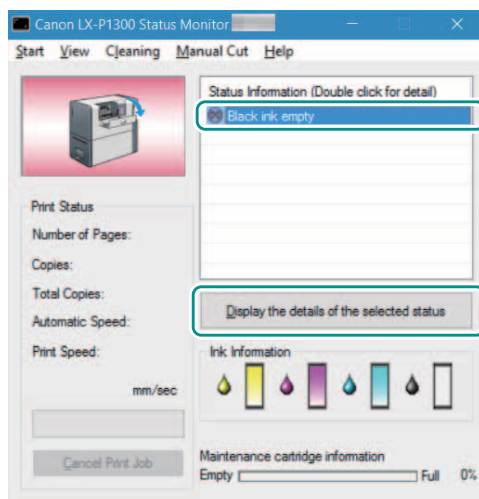
Status Lamp Lights up Orange

When an error occurs in the printer requiring actions the status lamp of the operation panel will light up orange (operator call error).



The error details and actions required can be confirmed with the status monitor.

After selecting the message in [Status Information], click [Display the details of the selected status] (Alternatively, double-click the message of the [Status Information]).

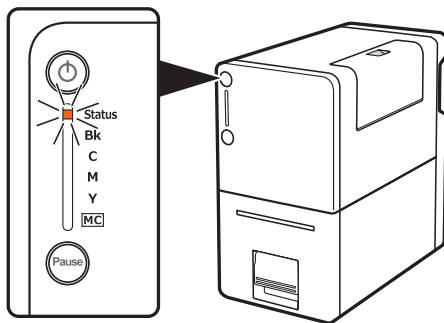


 IMPORTANT

- For information on the details of the messages displayed on the Status Monitor and how to deal with errors, refer to ["List of Error Messages/Warning Messages \(P.166\)"](#).
- When error messages are displayed, the printer will automatically go offline.
Depending on the type of error, even after handling the error, there are cases where it will not go online automatically. In this case, press the pause key and bring it online.
- If multiple errors occur simultaneously, the errors will be shown in order from the importance. Handle all of the errors.

Status Lamp Is Flashing Orange

When an error occurs in the printer and normal operation is not possible, the status lamp of the operation panel will flash orange (service call error).



Handle accordingly:

-
- 1** Turn the printer off. (P.7)
 - 2** After the power lamp goes off, turn the power on again.
 - 3** If an error occurs after turning on the power again, contact your place of purchase and provide them with the error number (4 digits) displayed on the Status Monitor.
-

Power Does not Turn on

Points to Confirm	Solution
Is the AC adapter and power cord properly connected?	After confirming that the AC adapter and power cord are properly connected, insert the power plug firmly into the power outlet.
Is the power outlet supplying electricity?	Try plugging in other electric appliances. If it works properly, a printer failure is possible. Contact your place of purchase.

Printing Does not Start/Complete

Points to Confirm	Solution
Did an error occur?	Double-click the message of the [Status Information] displayed on the Status Monitor and operate according to the directions given.
Is it connected with the computer?	Connect the computer and the printer correctly with the interface cable.
Is the correct printer selected?	Select the printer to be used with the [Printing] dialog box.
Are you printing a large image?	If the status lamp (green) is flashing, the data is still being processed. Stand by.
Are you printing for long periods of time?	When printing for a long period of time, the print head temperature will rise. To protect the head, printing operations will be interrupted. After a while printing will resume.
Is the test pattern printed?	From the [Utility] tab of the printer driver, try performing the print out of a head position adjustment pattern or print the configured values. If printed, confirm the configuration and operation procedures of the application software and confirm the contents of the data to be printed.
Are there problems occurring with the computer?	Print after restarting the computer. Also, delete any print jobs left over when starting.

Points to Confirm	Solution
Is the computer's configuration for suspend or sleep state set to something other than "Never"?	Selecting "Never" in the [Power and Sleep] or [Power & battery] will prevent the computer from entering a sleep state. (P.25)
Is "no ink" displayed even though an ink tank with remaining ink is installed?	Reinstall the ink tank.
Are the port settings correct?	Confirm the port settings with the following steps: 1. Open the properties window of the printer driver. (P.31) 2. Click on the [Ports] tab and confirm that the port is correctly selected. e.g.) For USB connection: USBnnn ("nnn" represents numbers) For network connection: CFTnnnnnn@MDL ("n" represents the last six digits of the printer's Mac address, and MDL is the printer's model name.) If the setting is incorrect, set it again correctly. If the port to be used is not available, uninstall the printer driver and install them again. 3. Click [OK].

Points to Confirm	Solution
(When you are connected within a network environment) Are the printer and computer configured on the same network?	Make sure that the computer and this printer are installed on the same network following the steps below: (Confirming the IP address) 1. Confirm this printer's IP address. Open the network settings. When the network settings open, the printer used will be detected and the configured IP address will be displayed. (P.187) 2. Confirm this computer's IP address. 1) Enter "cmd" in the "Search the WEB and Windows" of the Desktop. 2) In the window started, enter "ipconfig/all". 3) After confirming the IP address, close the screen. Once you have confirmed the IP addresses, if the printer and computer are not on the same network, change the printer's IP address according to the following steps and add a new port. (Changing the printer's IP address) Open the network utility and change this printer's IP address. (Adding a new port) 1. Open the properties window of the printer driver. (P.31) 2. Click on the [Ports] tab and click [Add port]. 3. Select [CNUS Network Port] and click [New Port...]. The [CNUS Network Port] dialog box will be displayed. 4. Click [Detect Printers]. This printer will appear in [List of Printers]. If this printer is not displayed, click [Limit detect area] and search for the IP address. 5. Enter the new port name in the [Output]. 6. Click [OK].

(When you are connected within a network environment) Is communication with the printer enabled?	The port number and protocol that the printer uses for communication are set as follows. Use these settings as references. <table border="1" data-bbox="550 403 1045 562"> <thead> <tr> <th>Port number</th><th>Protocol</th></tr> </thead> <tbody> <tr> <td>50000</td><td>TCP</td></tr> <tr> <td>50001</td><td>TCP/UDP</td></tr> <tr> <td>50002</td><td>UDP</td></tr> </tbody> </table>	Port number	Protocol	50000	TCP	50001	TCP/UDP	50002	UDP
Port number	Protocol								
50000	TCP								
50001	TCP/UDP								
50002	UDP								

Paper Does not Feed Properly

Points to Confirm	Solution
Is the dedicated paper being used?	Use dedicated paper. Do not use paper other than dedicated paper. It can cause paper jams and malfunctions.
Is the paper leading edge folded or curled?	If the paper leading edge is folded or curled, the paper will not feed properly. Also, it can cause paper jams and malfunctions.
Is the label's adhesive loose?	Do not use paper when the labels are loose. It can cause malfunctions.
Is the paper guide adjusted to the paper width?	Adjust the paper guide to the paper width. (P.21)
Is the transport area stained?	If the transport area is stained by paper dust or ink, paper jams are more likely to occur. Clean the transport area regularly. (P.146)

Improving the Print Quality

Condition	Solution
Streaks appears in the print result.	Confirm that the paper set (size, shape, and type) matches the paper (size, shape, and type) configured by the application software or printer driver.
	Set the resolution to [Input resolution 1200dpi] (prioritize image quality) and then print. (P.52)
	If you are using the printer at low temperature (Room temperature is 14 degrees Celsius (57 degrees Fahrenheit) or lower): Open the [Utility] tab in the printer driver and then select the [Low Temperature Print Mode] in the [Special Settings]. (P.91)
There are areas missing and shown white in the printed results.	Confirm that the paper set (size, shape, and type) matches the paper (size, shape, and type) configured by the application software or printer driver.
	Clean the print head. (P.117) The print head may become dried or clogged if the printer has not been used for a long time.
The printing is blurred.	Confirm that the paper set (size, shape, and type) matches the paper (size, shape, and type) configured by the application software or printer driver.
	Clean the print head. (P.117) The print head may become dried or clogged if the printer has not been used for a long time.
	If you are using the printer at low temperature (Room temperature is 14 degrees Celsius (57 degrees Fahrenheit) or lower): Open the [Utility] tab in the printer driver and then select the [Low Temperature Print Mode] in the [Special Settings]. (P.91)
The color deviation appears in the print result.	Confirm that the paper set (size, shape, and type) that displays color deviation matches the paper (size, shape, and type) configured by the application software or printer driver is the same.
	Adjust the position of the print head. (P.121)
	Set the resolution to [Input resolution 1200dpi] (prioritize image quality) and then print. (P.52)

Condition	Solution
The halftone representation is coarse.	Open the [Color] tab of the printer driver, and set the [Half-tone] to [Error Diffusion]. (P.52)
The area around characters or the layer areas appear uneven.	Open the printer driver's [Color] tab and set the [Half-tone] to [Error Diffusion]. (P.52)
	Confirm that the paper set (size, shape, and type) matches the paper (size, shape, and type) configured by the application software or printer driver.
Overall appearance of the printed output is not satisfactory.	Use dedicated paper. When paper other than dedicated paper is used the print quality may be low. Also, it may cause paper jams and malfunctions.
	Verify that the paper set (size, shape, and type) matches the paper (size, shape, and type) configured by the application software or printer driver.
	Set the resolution to [Input resolution 1200dpi] (prioritize image quality) and then print. (P.52)
Printed paper is wavy and rubbing marks are left on the paper.	Verify that the paper set (size, shape, and type) matches the paper (size, shape, and type) configured by the application software or printer driver.
	Open the [Utility] tab of the printer driver and print after setting [Prevent Paper Rubbing Mode] from [Special Settings]. (P.91)
The color printed differs from the color on screen.	Open the [Color] tab of the printer driver, and adjust the settings for image quality and color. (P.52)
	Verify that the [Advanced display settings] (or [Advanced display]) and [Color Management] are correctly configured on the computer. Especially if the type of display or gamma factor is wrongly configured, the proper color will not be displayed.
Cyan ink is mixed on the first print after installing printer. (Cyan ink is used for factory inspection.)	Perform strong cleaning. (P.117)

Condition	Solution
The colors are wrong or colors mixed.	Any ink tank may be installed incorrectly. If any ink tank is installed incorrectly, ink colors may be mixed. In this case, execute [Shipping The Printer] from the printer driver so that remove ink from the print head. (P.179)
The back side of the paper gets dirty.	When printed with the wrong paper size, the paper guide or transport area may become dirty. Confirm that the size of the paper set and the [Paper Size] configured by the application software or printer driver are the same. If the paper guide or transport area is dirty, Clean the transport unit. (P.146)
The margin of the printed result is too small or large	Configure the paper size set by the application software or printer driver as follows: When the margin is small or when images on the edge of the paper are missing: Decrease the [Paper Length] and adjust the image according to the paper size changed. Also, if images on the edge of the paper are missing, verify that the transport area is clean before printing. If stained, clean the transport unit. (P.146) When the margin is large: Increase the [Paper Length] and adjust the image according to the paper size changed.

Paper Is Jammed

When a paper jam occurs during printing, the printing is interrupted and the Status Monitor will display an error message such as "Paper jam #****" (**** represents numbers).

Remove the paper jam according to the following steps:

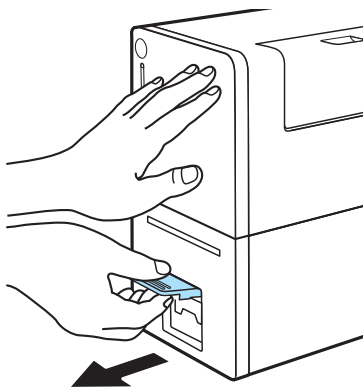
✓ IMPORTANT

- Do not pull the printed paper out from the ejection slot. Printing problems will occur.
- Use the dedicated paper. When paper that is not compatible is used, blurring or bleeding may occur and it may adversely affect the printer, a malfunction.
- Paper jams could occur if the leading edge of the paper is bent.

-
- 1 Pull the transport unit out of the printer.

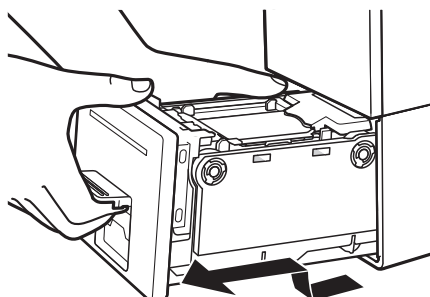


1. Raise the transport unit lever.



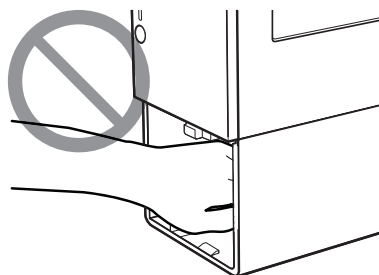
2. Pull this lever while holding the printer with one hand so that it does not move.

3. Pull the transport unit out with both hands as shown in the figure.



CAUTION

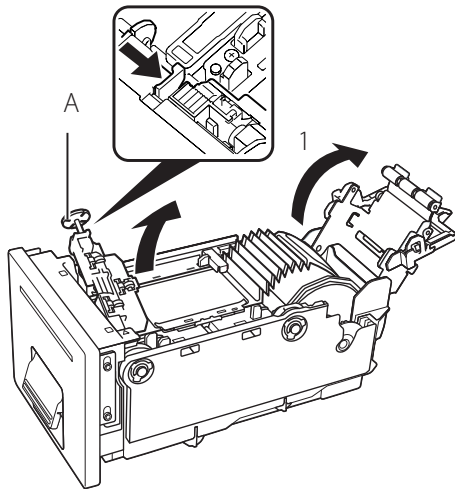
- When pulling the transport unit out of the printer, hold it securely with both hands so that it does not fall down.
- Do not put your hands inside the printer. Failure or physical injury could result. Ink adhered inside of the printer could stain clothes or hands.



IMPORTANT

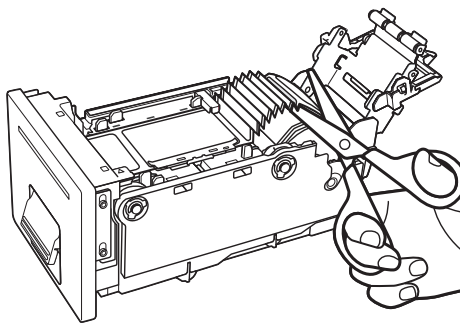
- When pulling the transport unit out of the printer or inserting it in the printer, be careful not to hit it strongly against the table or shelf. The surface of the table or shelf could be damaged.

2 Remove the jammed paper



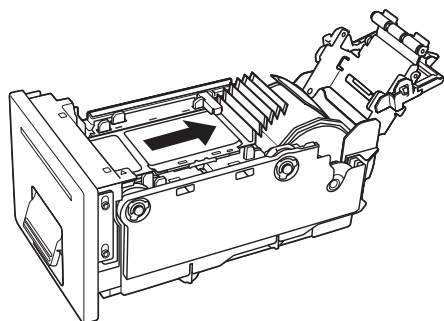
1. Open the paper set lever.

- When the ejection slot area is clogged, remove the paper retainer (A) and verify that labels or other matter is not stuck to it. If there are any labels or scraps, remove them all.

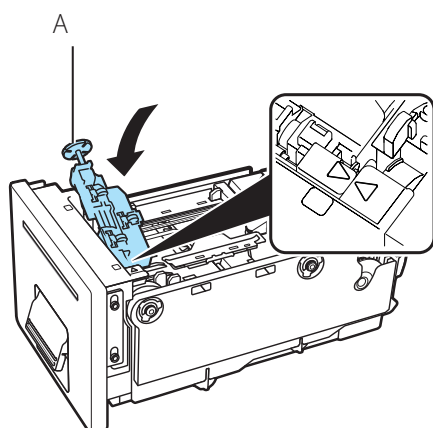


2. Remove the jammed paper and cleanly cut the paper leading edge.

- Cut the paper's separator (mount) part.
- Cut the center of the mark on the paper.



3. Remove the jammed paper from the roll holder side.



4. If the paper retainer (A) was removed in Step 1, attach the Paper Retainer back.
 - Align the arrow (▽) of the Paper Retainer (A) and the attachment position (△).

3 Load the paper. (P.12)

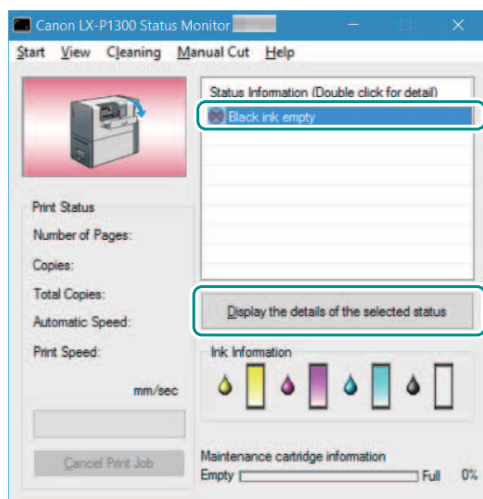
When the paper is loaded, cleaning will be performed and printing will resume.
To cancel printing, click on [Cancel Print Job] on the Status Monitor.

List of Error Messages/Warning Messages

When trouble occurs while operating the printer or printing, the Status Monitor will activate and display error messages and warning messages. If problems persist after trying these procedures, please contact your place of purchase.

✓ IMPORTANT

- When error messages are displayed the printer will automatically go offline. Depending on the type of error, even after handling the error, there are cases where it will not go online automatically. In this case, press the pause key and return the printer to online state.
- If multiple errors occur simultaneously, the errors will be shown in order of importance.
- If the Status Monitor is minimized or is in the task tray, Status Monitor window will be displayed when an error occurs.
- After selecting the message displayed, if [Display the details of the Status] is clicked (or the message of the [Status Information] is double-clicked), a separate screen will appear to confirm the message details along with steps to handle the error.



Error Message

■ Operator Call Error

If problems persist after trying these procedures, please contact your place of purchase. (#**** represents numbers)

Error Message	Error Content	Handling
Transport unit flap open	The transport unit lever is open.	Close the transport unit lever.
Ink tank cover open	The ink tank cover is open.	Close the ink tank cover.
XXXX ink empty ("XXXX" is black, cyan, magenta, or yellow)	There is no ink available for printing.	Replace with new ink tank. (P.103)
XXXX ink tank setting error ("XXXX" is black, cyan, magenta, or yellow)	The ink tank is not inserted properly.	Set the ink tank again. (P.103)
XXXX ink tank abnormality #**** ("XXXX" is black, cyan, magenta, or yellow)	The ink tank is not recognized. Either the ink tank is abnormal or an unsupported ink tank is installed.	Replace with new ink tank. (P.103)
Maintenance cartridge full #****	The maintenance cartridge's ink is full.	Replace with new maintenance cartridge. (P.110)
Maintenance cartridge setting error	The maintenance cartridge is not inserted properly.	Set the maintenance cartridge again. (P.110)
Maintenance cartridge abnormality	The maintenance cartridge is not recognized.	Replace with new maintenance cartridge. (P.110)

Error Message	Error Content	Handling
Paper empty #****	Out of paper.	Load new paper. (P.12) To cancel printing, click on [Cancel Print Job] in the Status Monitor.
		If there is paper, confirm that the paper set (size and shape) matches the paper (size and shape) configured by the application software or printer driver.
Paper length different #****	The length of the paper that is set differs from the paper size configured by the application software or printer driver.	If the paper is different, replace with the proper paper.
		If the application software or printer driver's configuration is different, click on the Status Monitor's [Cancel Print Job] and print again after correctly configuring the paper size.
Gap/Mark length difference	The gap/mark length of the set paper differs from the gap/mark length of the paper size set by the application software or printer driver.	If the paper is different, replace with the proper paper. (P.12)
		If the application software or printer driver's configuration is different, click on the Status Monitor's [Cancel Print Job] and print again after correctly configuring the paper size.

Error Message	Error Content	Handling
Paper jam #****	Paper is jammed.	Remove the paper jam and load the paper again. (P.12)
		If out of paper, resupply with new paper. (P.12) To cancel printing, click on [Cancel Print Job] in the Status Monitor.
		If the same error occurs, confirm the following: - Confirm that the thickness of the set paper is 145µm-255µm. - Confirm that the paper set (size and shape) matches the paper (size and shape) configured by the application software or printer driver. - There is a possibility that the transport unit's sensor is dirty. Clean the transport unit. (P.146)
Paper set error #****	There is either no paper or paper is jammed.	If out of paper, resupply with new paper. (P.12) To cancel printing, click on [Cancel Print Job] in the Status Monitor.
		If the paper is jammed, remove the paper jam and load the paper again. (P.12)
Update error #****	The firmware update failed.	Perform the update again.

Error Message	Error Content	Handling
Data mismatch #****	Abnormal data was received from the computer.	Confirm the cable connection and print again.
		For a LAN connection, set an extension of the Network Time-Out Value from the Network utility. (P.200)
		Confirm the printer driver's version and the firmware's version. If the printer driver and the firmware used are not the latest version, download the latest version from the website and update.
Memory full	Insufficient memory due to the overlay printing's form data being large.	Click on [Cancel Print Job] in the Status Monitor, and cancel printing and recreate the form data.
Overlay data error	Error with overlay printing data.	Check the cable connection and retry printing.
Print head position error #****	Problem with either the transport unit or print head.	Remove the transport unit and confirm that no foreign matter is on the insides.
		Open the ink tank cover and confirm there is no foreign matter around the print head.  IMPORTANT Do not touch the metal part inside the printer and other parts.
Transport unit error #****	There are problems with transport unit internals.	Remove the transport unit and confirm that no foreign matter is on the inside.
Connected to a model other than Canon LX-P1300 (or LX-D1300)	It is connected to a printer other than this printer.	Connect with this printer.

Error Message	Error Content	Handling
Bidirectional communication error	Bidirectional communication cannot be established between computer and printer.	Confirm that the printer's power is on (online or sleep state).
		Restart the computer and printer.
		If the printer is connected to the computer with LAN connection, Check the [Extend Time-Out value] check box from the network utility. (P.200)
		If the printer is shared, start Windows Task Manager, and confirm that ""Canon XXXX Status Monitor Service" (where XXXX is the model name) is registered in the [Service] tab. If it is not registered, refer to "Installing the Printer Driver" in Getting Started Guide to register the server client.
		Confirm the port settings.
Ink refresh timing exceeded	The timing for ink refresh is overdue.	Perform an "ink refresh". (P.138)
Unknown error #****	An unknown error was returned.	Confirm the printer driver's version. If the printer driver used is not the latest version, download the latest version from the website and install. If the same error occurs again, take note of the message displayed (#****) and contact your place of purchase.

Error Message	Error Content	Handling
XXXX ink level unknown ("XXXX" is black, cyan, magenta, or yellow)	The remaining ink level cannot be detected.	Replace with new ink tank. (P.103) Continuing to print with an emptied ink tank or with ink tanks not supported by this product may damage the printer. To continue printing, the ink level detection function must be disabled. Press the printer's pause key for more than 5 seconds. After this, the ink tank's ink level detection will be disabled and the disabling action will be logged.

✓ IMPORTANT

- Printing with the ink level detection function disabled may damage the printer or cause errors. We cannot be held responsible for malfunctions as a result of refilling the ink or installing unsupported ink tanks.
- Once the ink level detection function is disabled, the ink level function cannot be restored for that ink tank. Replace with a new ink tank.

■ Service Call Error

Error Message	Error Content	Error Content
Service call error #****	An error that cannot be fixed by the customer occurred.	Turn the power off then on. If the same error occurs again, take note of the message displayed (#****) and contact your place of purchase.

Warning Message

Warning Message	Warning Content	Handling
XXXX ink low ("XXXX" is black, cyan, magenta, or yellow)	The remaining ink is low.	Prepare a new ink tank.
Maintenance cartridge level low	The maintenance cartridge is running out of space and is about to be full.	Prepare a new maintenance cartridge.
Stopping XXXX ink level detection ("XXXX" is black, cyan, magenta, or yellow)	The ink level detection function is disabled.	Set an ink tank that is compatible with this printer.
The print speed is not optimal	A fixed print speed is specified but the print speed is not optimal.	Open the [Advanced Settings] tab of the printer driver and check the option [Automatic Speed] for [Print Speed].
		Set the print speed to something slower than the current setting.
Ink refresh timing	It is now time to perform an ink refresh.	Perform an "ink refresh". (P.138)
Temperature/humidity sensor not connected	The temperature/humidity sensor needs to be replaced.	Take note of the message displayed (#****) and contact your place of purchase.
The battery for the clock has ran out	The clock's (RTC) battery needs to be replaced.	Take note of the message displayed (#****) and contact your place of purchase.
Data transmission delayed	A back feed is occurring as a result of the computer's data creation processing not keeping up with the print speed set by the printer driver.	Set the print speed to something slower than the current setting. The occurrence of back feed can be reduced.

Warning Message	Warning Content	Handling
Unknown warning #****	An unknown warning was returned.	Confirm the printer driver's version. If the printer driver used is not the latest version, download the latest version from the website and install. If the same error occurs again, take note of the message displayed (#****) and contact your place of purchase.

Chapter 5

Appendix

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Moving the Printer

- **When Moving the Printer Indoors:**

Move the printer following the procedure described in ["Moving the Printer Indoors \(P.176\)"](#)

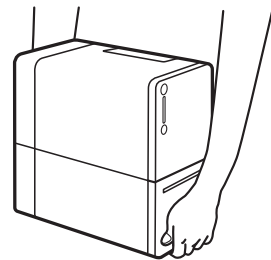
- **When transporting the printer over a long distance for relocation, maintenance, etc. or by use of an airplane, train, automobile, etc. :**

Make preparations following the procedure described in ["Shipping the Printer \(P.179\)"](#)

Moving the Printer Indoors

CAUTION

- Prior to moving the printer, be sure to execute [Moving The Printer] from the printer driver. Moving the printer without taking necessary measures could cause ink leak inside the printer, resulting in a fire, electric shock, or machine failure.
- When carrying the printer, be sure to hold it at the bottom with both hands.



- Always hold the printer level and carry it slowly. If ink is spilled inside the printer while moving it, this could cause a fire or serious electrical shock or damage the printer.

IMPORTANT

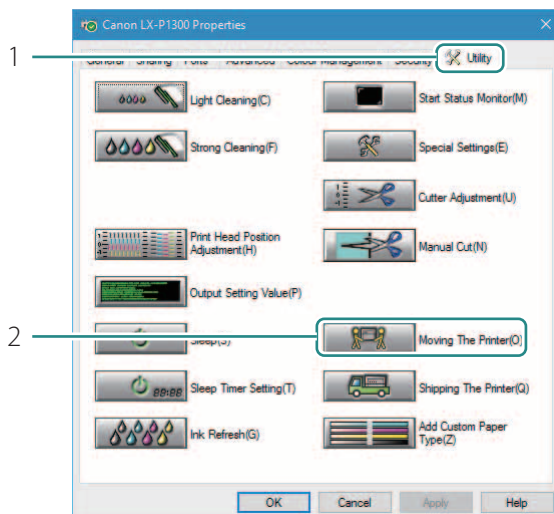
- Administrative privileges over this printer are required to configure printer settings. If a user without administrative privileges proceeds with configuration of settings, a message "You do not have rights to printer management. Please contact your system administrator." appears. For more details, see ["Administrative privileges required for certain features \(P.41\)"](#).
- When printing is in progress or any error has occurred, [Moving The Printer] cannot be executed.
- [Moving The Printer] consumes ink. Execute it only when necessary.
- Close the Status Monitor if it is running.

- If this function is run on a shared printer, make sure the Status Monitor has not been launched on the client when working on a server, or has not been launched on the server when working on the client. The process may not be completed correctly if the Status Monitor is running.
- Do not move the printer with the ink tank cover open or with the transport unit drawn out. They could be damaged or result in a printer failure.
- For how to install the printer after movement, refer to the "Getting Started Guide."

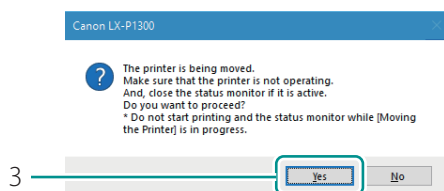
1 Open the properties window of the printer. (P.31)

2 Execute [Moving The Printer].

Remove the ink from the ink receiver so that ink does not leak during movement.



1. Click the [Utility] tab.
2. Click [Moving The Printer].
 - A confirmation message will appear.



3. Click [Yes].

- Ink bleeding starts.
Do not operate the printer until after the message indicating that the removal of ink is completed appears.

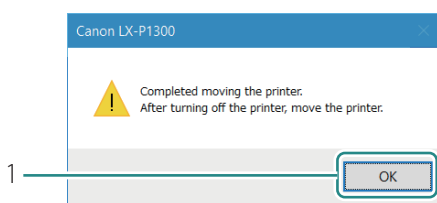
✓ IMPORTANT

- During execution of [Moving The Printer], observe the following precautions:
 - Do not turn the printer off.
 - Do not open/close the ink tank cover and transport unit lever.
 - Do not operate any other component of the printer.

📖 NOTE

- If the message "Maintenance cartridge full" appears, replace the maintenance cartridge with a new one, and then click [Retry]. For how to replace the maintenance cartridge, see ["Replacing the Maintenance Cartridge \(P.110\)"](#)

3 Check that the execution of [Moving The Printer] has been completed.



1. Click [OK].

4 Turn the printer off. [\(P.7\)](#)

✓ IMPORTANT

- Do not remove the power plug from the outlet when the power lamp is lit or blinking. A printer failure could result.

5 Disconnect the power cord and interface cable.

6 Move the printer.

✓ IMPORTANT

- Do not move the printer with the ink tank cover open or with the transport unit drawn out. They could be damaged or a printer failure could result.

7 After moving the printer to its destination, connect the power cord and interface cable.

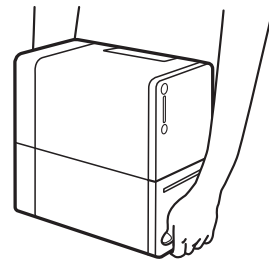
8 Turn the printer on. (P.6)

Shipping the Printer

When transporting the printer over a long distance for relocation, maintenance, etc. or by use of an airplane, train, automobile, etc., be sure to make preparations following the procedure described below.

! CAUTION

- Prior to shipping the printer, be sure to execute [Shipping The Printer] from the printer driver. Shipping the printer without taking necessary measures could cause an ink leak inside the printer, resulting in a fire, electric shock, or machine failure.
- When carrying the printer, be sure to hold it at the bottom with both hands.



- Always hold the printer level and carry it slowly. If ink is spilled inside the printer while moving it, this could cause a fire or serious electrical shock or damage the printer.

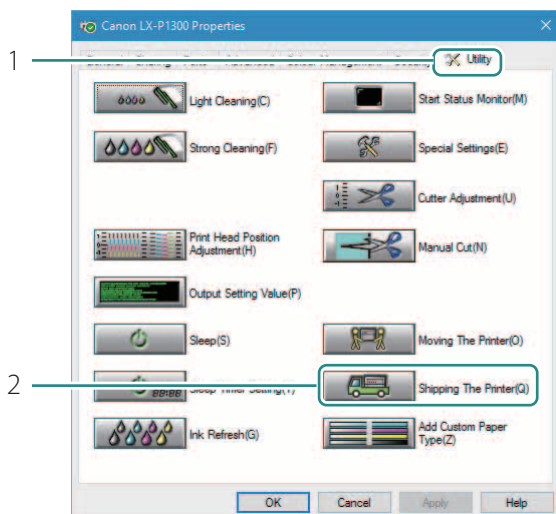
✓ IMPORTANT

- Administrative privileges over this printer are required to configure printer settings. If a user without administrative privileges proceeds with configuration of settings, a message "You do not have rights to printer management. Please contact your system administrator." appears. For more details, see "[Administrative privileges required for certain features \(P.41\)](#)"
- When printing is in progress or any error has occurred, [Shipping The Printer] cannot be executed.
- Close the status monitor if it is running.
- If this function is run on a shared printer, make sure the status monitor has not been launched on the client when working on a server, or has not been launched on the server when working on the client. The process may not be completed correctly if the Status Monitor is running.
- [Shipping The Printer] consumes ink. Execute it only when necessary.
- Do not move the printer with the ink tank cover open or with the transport unit drawn out. They could be damaged or a printer failure could result.
- For how to install the printer after movement, refer to the "Getting Started Guide."

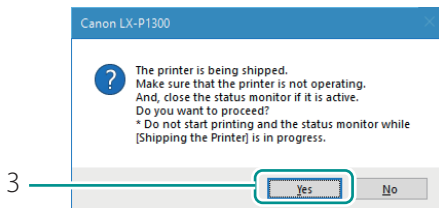
1 Open the properties window of the printer. [\(P.31\)](#)

2 Execute [Shipping The Printer].

Remove ink from the ink flow passage so that ink does not leak during transportation.



1. Click the [Utility] tab.
2. Click [Shipping The Printer].
 - A confirmation message appears.



3. Click [Yes].

- Execute [Shipping The Printer].
Do not operate the printer before the specified message appears in step **3**.

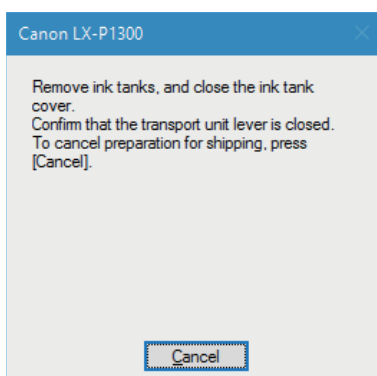
✓ IMPORTANT

- During execution of [Shipping The Printer], observe the following precautions:
 - Do not turn the printer off.
 - Do not open/close the ink tank cover and transport unit lever.
 - Do not operate any other component of the printer.

📖 NOTE

- If the message "Maintenance cartridge full" appears, replace the maintenance cartridge with a new one, and then click [Retry]. For how to replace the maintenance cartridge, see ["Replacing the Maintenance Cartridge \(P.110\)"](#)

3 When the following message appears, remove ink tanks.



1. Open the ink tank cover.

2. Remove all ink tanks.

3. Close the ink tank cover.

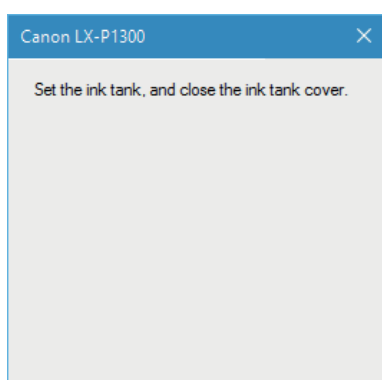
- Closing the ink tank cover will start [Shipping the Printer] procedure.
Do not operate the printer before the specified message appears in step **4**.

✓ IMPORTANT

- During execution of [Shipping The Printer], observe the following precautions:

- Do not turn off the printer.
- Do not open/close the ink tank cover and transport unit lever.
- Do not operate any other component of the printer.

4 When the following message appears, install the ink tank.

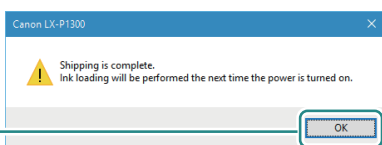


1. Open the ink tank cover.
2. Install all ink tanks.
 - Press on the top of the ink tank until the ink tank clicks.
 - Prior to installing each ink tank, verify the color matches up with the color indicated on the label.
3. Close the ink tank cover.
 - The printer will shut off automatically.

✓ IMPORTANT

- Install each ink tank in the printer according to the color indicated on the label.
If any ink tank is installed at a wrong position, the printer cannot print. In addition, ink colors could be mixed, resulting in poor print quality.
- If any one of the ink tanks is not installed, [Shipping The Printer] cannot be completed.

5 Check that [Shipping The Printer] is completed.



1. Click [OK].

✓ IMPORTANT

- Do not press the Power key after the printer has turned off. Doing so will cause ink to refill in the printer.

6 Disconnect the power cord and interface cable.

7 Place the printer in the plastic bag.

8 Place the printer in the original shipping box with the bottom down, and fill the vacant spaces with protectors.

 IMPORTANT

- When transporting the printer, observe the following precautions:
 - To prevent the printer from being damaged or getting out of order, pack it using the original shipping box and protectors.
If the original box, plastic bag, and protectors are not available, pack the printer with a tough box and protective materials.
 - After packing the printer, do not incline the box or place the box with its upper or side surface down. Ink could leak during transportation.
 - When transporting the printer, ask the carrier to affix "PRECISION EQUIPMENT" and "THIS SIDE UP" labels with the bottom of the box down.
-

9 After installing the printer at the destination, connect the power cord and interface cable.

10 Turn the printer on. (P.6)

The printer will start ink filling automatically once it is turned on.

IMPORTANT

- When the status lamp (green) is blinking, ink filling is in progress. Before the status lamp (green) lights up, observe the following precautions:
 - Do not turn the printer off.
 - Do not open/close the ink tank cover and transport unit lever.
 - Do not operate any other component of the printer.

Uninstall Printer Driver

Prior to uninstalling, exit all running software applications and confirm that all print jobs are completed.

1 Remove all interface cables.

Ensure all printing is completed. Turn the printer off then remove all interface cables.

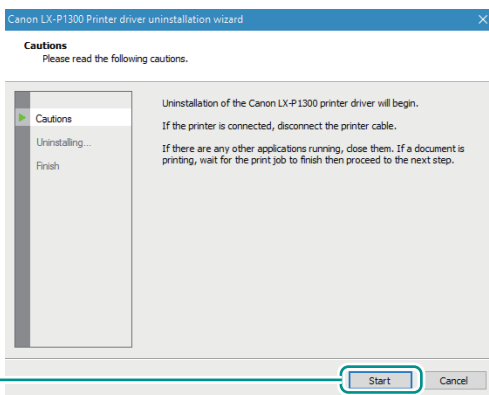
2 From Start menu, select [Canon LX-P1300 (or Canon LX-D1300)] > [Canon LX-P1300 (or Canon LX-D1300) Printer Driver Uninstall].

- For Windows 11

From Start menu, select [All apps] > [Canon LX-P1300 (or Canon LX-D1300)] > [Canon LX-P1300 (or Canon LX-D1300) Printer Driver Uninstall].

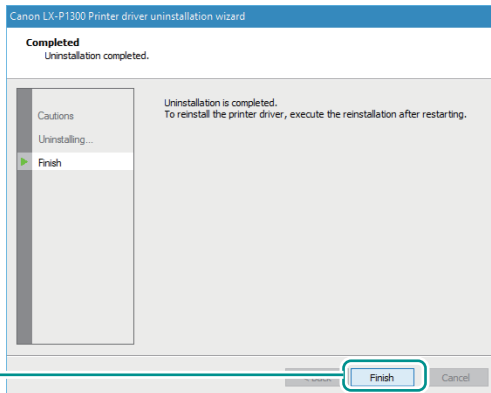
The uninstaller starts.

3 Begin Uninstallation.



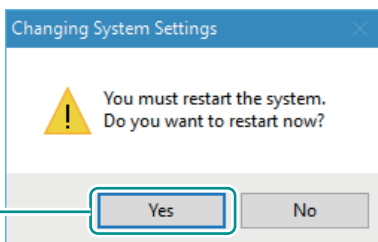
1. Click [Start].

- When the [User Account Control] dialog box appears, click [Yes].



2. Click [Finish].

- The [Changing System Settings] dialog box will appear.

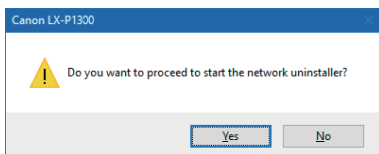


3. Click [Yes].

- Restart Windows.

NOTE

- If [No] is selected, always restart your computer before installing the printer driver again.
- If the network utility is installed, the screen below will appear. To continue uninstalling, follow the instructions on the screen.



About Network Utility

The network utility is software to configure the printer's network environment.
The network administrator needs to configure the network utility.

Starting the Network Utility

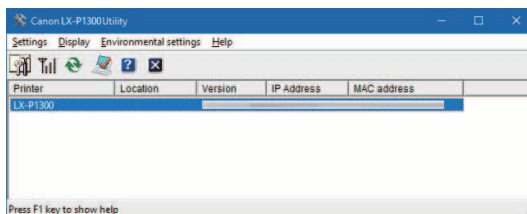
1 From Start menu, select [Canon LX-P1300 (or Canon LX-D1300) Network IF] > [Utility].

- For Windows 11

From Start menu, select [All apps] > [Canon LX-P1300 (or Canon LX-D1300) Network IF] > [Utility].

The network utility will be launched.

After searching for a printer the main screen will be displayed.



NOTE

- **Searching for the Printer**

When the network utility is launched, it will automatically search for a printer, if the printer is not detected perform a search for the printer.

From the main screen's [View] menu, click [Find Again] (or click  on the toolbar).

- **Displaying Help**

This will present an explanation of various network utility features and allow you to confirm configuration methods.

From the main screen's [Help] menu, click [Help] (or click  on the toolbar).

- **Displaying Version Information**

From the main screen's [Help] menu, click [Version Information].

- **Exiting the network utility**

From the main screen's [Settings] menu, click [Exit Utility] (or click  on the toolbar).

Configuring the Network

How to configure the network for this printer is explained below.

IMPORTANT

- **Regarding the Network Configuration Password**

Changing the printer's network configuration requires a password. The default password is "admin".

To prevent those other than the network administrator from configuration, it is recommended to change the default password from the time of purchase (P.190)

■ Configure the Installation Site

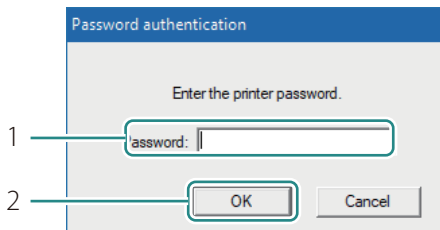
Configure the installation site for this printer.

1 Select the printer to configure from the main screen.

2 From the [Settings] menu, click [Printer settings].

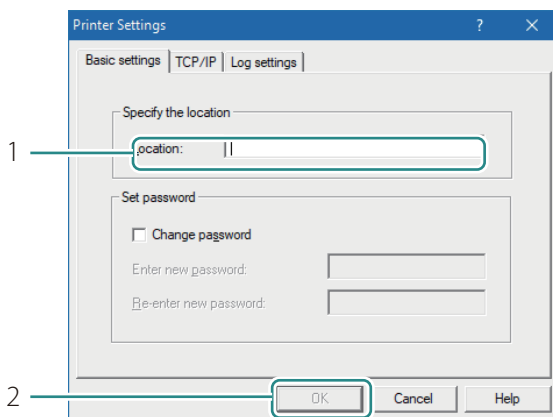
Or click  on the toolbar.

3 Enter password.



1. Enter the password.
2. Click [OK].

4 Configure the Installation Site.



1. Enter the printer's installation site into [Location].
 - When changing the configuration, limit it to 15 characters (single byte alphanumeric characters and some symbols. For details, refer to help.).
2. Click [OK].

■ Changing the Password

Change the password necessary for changing this printer's network settings.

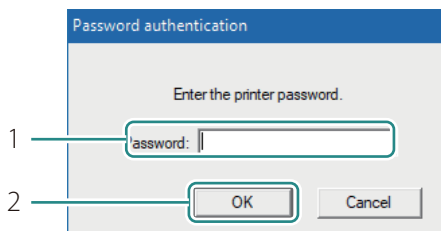
It is recommended to change the default password from the time of purchase so that only the network administrator can change the settings.

1 Select the printer to configure from the main screen.

2 From the [Settings] menu, click [Printer settings].

Or click  on the toolbar.

3 Enter password.

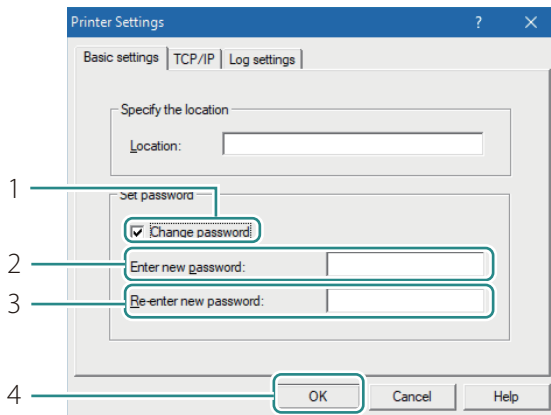


1. Enter the password.

- The default password is "admin".

2. Click [OK].

4 Configure the new password.



1. Check the option [Change password].
2. Enter a new password.
 - Enter a password that is up to eight characters (single byte alphanumeric characters).
3. To confirm, reenter the new password.
4. Click [OK].

Setting IP Address

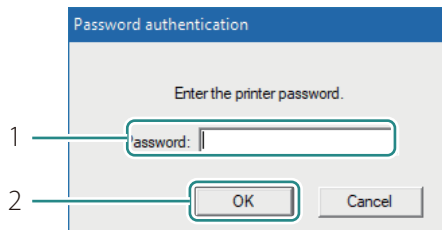
Set this printer's IP address.

- 1 Select the printer to set an IP address from the main screen.

- 2 From the [Settings] menu, click [Printer settings].

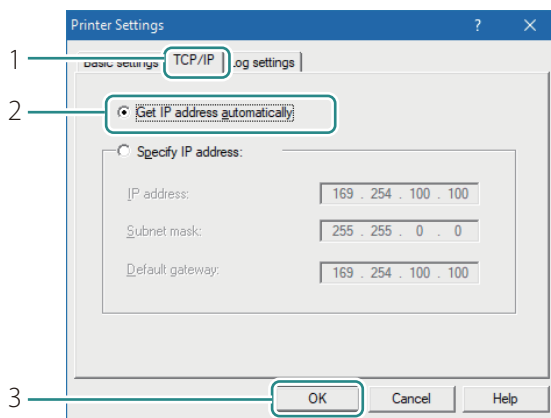
Or click  on the toolbar.

3 Enter password.



1. Enter the password.
2. Click [OK].

4 Set the IP address.



1. Click on the [TCP/IP] tab.
2. Select one of the followings.
 - [Get IP address automatically]
If there is a DHCP server on the network, the printer's IP address will be acquired automatically.
 - [Specify IP Address]
Manually set the printer's IP address. The IP address, subnet mask, and default gateway show the currently configured information. To change it, re-enter.
3. Click [OK].

■ Saving the Printer's Log File

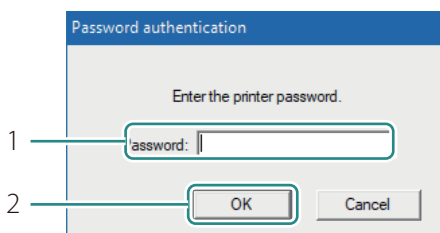
If an issue occurs with the printer, please contact your place of purchase and they will use the printer log file as a point of reference to help troubleshoot. Steps on how to access and save your printers log file are described below.

1 Select the printer to configure from the main screen.

2 From the [Settings] menu, click on [Printer settings].

Or click  on the toolbar.

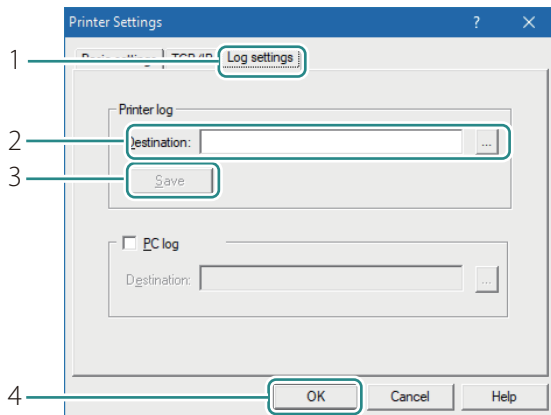
3 Enter password.



1. Enter the password.

2. Click [OK].

4 Configure the location for saving the log file.



1. Click on the [Log Settings] tab.
2. Designate the destination to save.
3. Click [Save].
4. Click [OK].

■ Saving the Computer's Log File

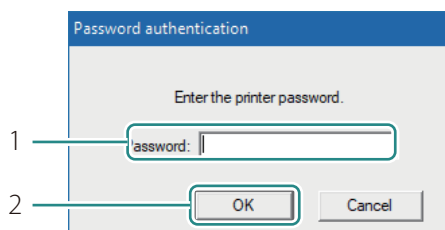
Save the log file (*.log) of network communication between this printer and the computer. Follow the steps below when instructed by dealer. Normally, this is unnecessary.

1 Select the printer to configure from the main screen.

2 From the [Settings] menu, click on [Printer settings].

Or click  on the toolbar.

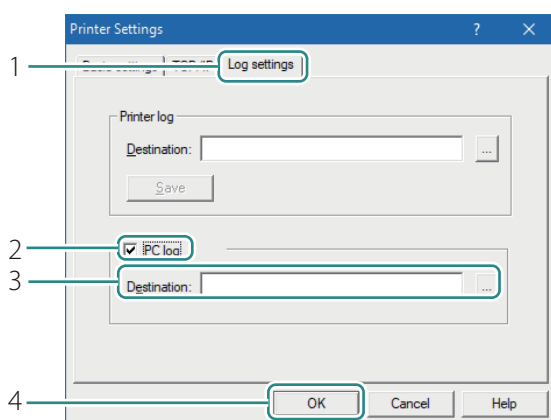
3 Enter password.



1. Enter the password.

2. Click [OK].

4 Configure the location for saving the log file.



1. Click on the [Log Settings] tab.

2. Check the option [Computer Log].

3. Designate the destination to save.

4. Click [OK].

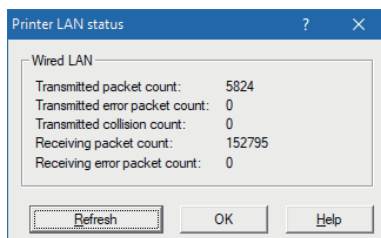
■ Confirming Communication Status

Confirm this printer's network status.

1 Select the printer to configure from the main screen.

2 From the [Settings] menu, click [Printer LAN Status].

Or click  on the toolbar.



- The LAN's communication status will be displayed.
- To update to the latest information, click [Refresh].

3 Click [OK] after confirming.

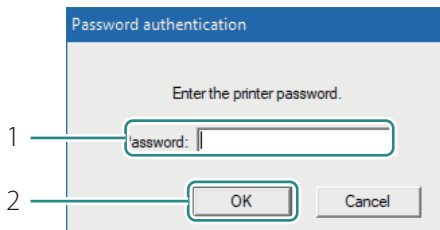
■ Configuring Access Restrictions for the Printer

Configure so that only computers with the designated MAC address can connect to this printer.

1 Select the printer to configure from the main screen.

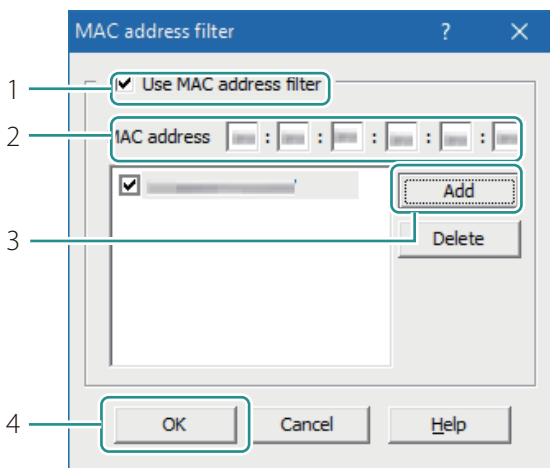
2 From the [Settings] menu, click [MAC address filter].

3 Enter password.



1. Enter the password.
2. Click [OK].

4 Configure the MAC address filter.



1. Select the option [Use MAC address filter].
2. Enter MAC address.
3. Click [Add].
 - The MAC address will be added. A maximum of 32 addresses can be configured.
 - To remove a MAC addresses that was added: Select a MAC address to delete from the list and click [Delete].
4. Click [OK].

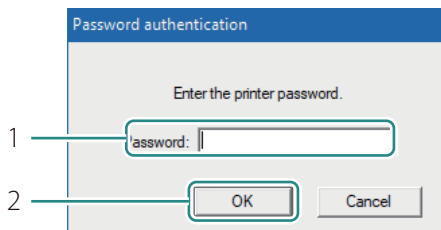
✓ IMPORTANT

- When the MAC address has been set incorrectly, the computer will not be able to connect to this printer. If you are unable to cancel the setting, contact the administrator of the printer.

■ Initializing the Printer's Network Settings

All the network settings of this printer will be initialized.

- 1 Select the printer to configure from the main screen.
- 2 From the [Setting] menu, click [Restore the factory default value].
- 3 Enter password.



1. Enter the password.
2. Click [OK].
 - A confirmation message will be displayed.

- 4 Click [OK].

✓ IMPORTANT

- After executing [Restore Factory Default Settings], the password necessary for configuring the printer's network will also be initialized. The default password is "admin".

Configuring Network Using the Network Utility

The following explains how to configure the network using the network utility. How to set the printers search range and the network's time out value are described below.

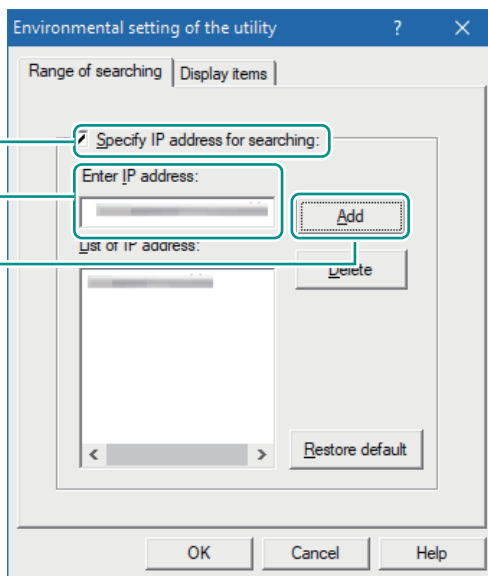
■ Setting the Printers Search Range

When searching for this printer, the IP address to be searched for can be specified.

- 1 From the [Environmental settings] menu, click [Utility environmental settings].

Or click  on the toolbar.

- 2 Specify the IP address to search for.



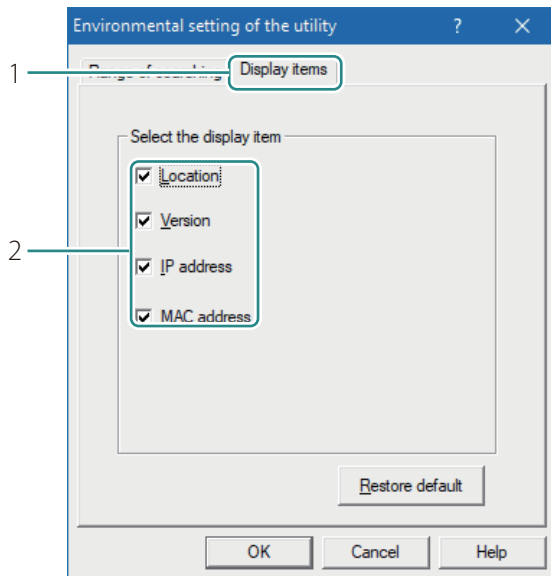
1. Check the option [Specify IP Address to Search].

2. Enter the IP address.

3. Click [Add].

- The IP address will be added. Up to 16 IP addresses can be specified.
- To remove an added IP addresses: Select from the list and click [Delete].
- Clicking [Restore default] will restore the content of the [Search Range] tab to its defaults.

3 Configure the items displayed when the printer is detected.



1. Click the [Display Items] tab.
 2. Check an item (such as Installation Location) check box to display.
- Clicking [Restore default] will restore the content of the [Display Items] tab to its defaults.

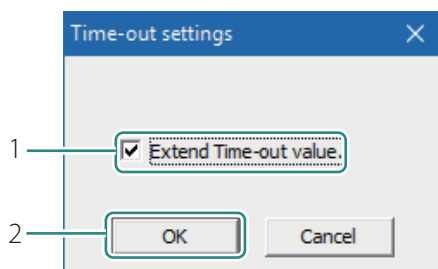
4 Click [OK].

■ Extending Network Time-Out Value

If you want to avoid resending print data due to the printer timing out, or fix errors due to network delays (Bidirectional communication error), extend the network time-out value.

1 From the [Environmental settings] menu, click [Time-out setting].

2 Configure Time-Out Value Extension.



1. Check the [Extend Time-Out value] check box.
2. Click [OK].

Specifications

■ Printer

Product name	LX-P1300	LX-D1300
Printing method	Inkjet	
Print colors	Full color	
Output resolution	1200 dpi x 1200 dpi	
Printing speed	Auto printing speed: 120, 80 mm/sec (4.7/3.1 in/sec) Preset printing speed: 120, 80, 70, 60, 50 mm/sec (4.7/3.1/2.7/2.3/1.9 in/sec)	
Printable area (W x L)	56.0 mm x 397.0 mm (2.2 in x 15.6 in)	
Print margin (in relation to paper transport direction)	Top/Bottom: 1.5 mm (0.06 in) Left/Right (Including Liner): 3.5 mm (0.14 in) ^{*1}	
Auto Cutter	Cut method: Sliding Cutter Cut form: Full cut	
Print head	2648 nozzles for each color (effective nozzles)	
Ink used	Water based pigment ink Yellow (Y), Magenta (M), Cyan (C), and Black (Bk)	Water based dye ink Yellow (Y), Magenta (M), Cyan (C), and Black (Bk)
Interface	USB 2.0 (High Speed), 1000BASE-T/100BASE-TX/10BASE-T Ethernet	
Operating noise	Approx. 50 dB (A) or less	
Installation environment	Temperature: 15 to 30 degrees Celsius (59 to 86 degrees Fahrenheit) Humidity: 10% to 80% (no condensation)	
Power supply (AC adapter used)	AC100-240V, 50/60Hz	
Power consumption	Maximum power consumption: Approx. 85 W Sleep mode: Approx. 6.0 W or less	
Dimensions (W x D x H)	134 mm x 250 mm x 250 mm (5.3 in x 9.8 in x 9.8 in)	
Weight	Approx. 5 kg (Approx. 11.0 lbs) (without ink tank)	

^{*1}When using label paper, it must have left and right margins, each of which is 1.5mm (0.06 in) or wider in relation to the left and right paper edges respectively.

■ Paper

Paper form	Dedicated roll paper (Label, Tag) ^{*1}
Paper type	Matte coated paper, Glossy paper, Synthetic paper
Paper size	28.4 mm - 63.0 mm (1.12 in - 2.48 in) (W) 25.4 mm - 400 mm (1.00 in - 15.7 in) (L) (Including Liner)
Paper thickness	145 µm - 255 µm (5.71 mil - 10.0 mil)
Paper capacity	Outer diameter: 75 mm (2.95 in) and less Core diameter: 25.4 mm (1.00 in)

^{*1} without perforation

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