



**macOS**

**MF Printer Driver**

# **User's Guide**

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# Introduction

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# Introduction

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- ▶ **How to Use the Manual(P. 3)**
- ▶ **Disclaimers(P. 5)**
- ▶ **Copyright(P. 6)**
- ▶ **Trademarks(P. 7)**

## How to Use the Manual

---

This explains things that you need to know in order to use this manual.

▶ **Notations Used in the Manual(P. 4)**

# Notations Used in the Manual

---

This explains symbols and settings used in this manual.

## Symbols Used in This Manual

In this manual, explanations of items and operations that must be followed while using the driver are set forth the symbols that indicate the following.



### IMPORTANT

- Indicates operational requirements and restrictions. Be sure to read these items carefully to operate the product correctly, and avoid damage to the product.



### NOTE

- Indicates a clarification of an operation, or contains additional explanations for a procedure. Reading these notes is highly recommended.

## About Settings

In this manual, setting names displayed on the computer screen are represented as shown in the following examples.

Example:

[Settings]

[OK]

## Disclaimers

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# Before Use

**Before Use** ..... 9

## Before Use

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- The newest driver versions are released on the Canon website. You can download them as necessary after checking your operating environment.  
Canon website: <https://global.canon/>
- The functions that you can use may vary according to the following conditions.
  - The device you are using and its configuration
  - The device firmware version
  - The option structure of the device
  - The driver version
  - The environment of the computer you are using
  - The application you are using
- There may be instances where the illustrations of displays and content of procedures in this manual differ from what is actually displayed.
- The descriptions in this manual use examples from macOS 13 (Ventura).

# Installing the Driver

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## Installing the Driver

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This section explains driver installation and device preparation.

- ▶ **Preparations for Using the Driver(P. 12)**
- ▶ **Pre-installation Check(P. 13)**
- ▶ **Installing the Driver(P. 16)**
- ▶ **Registering a Printer(P. 17)**
- ▶ **Uninstalling a Driver(P. 33)**

## Preparations for Using the Driver

---

Before using the driver and printing, there are preparations that need to be done beforehand.

Carry out preparations and settings in the following order.

1. Obtain an installer by one of the following methods.
  - Download it from the Canon website (<https://global.canon/>)
  - Supplied CD-ROM
2. Install the driver to macOS.
3. Register the printer you want to use to macOS.
4. Set the device options as necessary.



### NOTE

- You can check the version of the currently installed driver by clicking [Basic] after clicking [Printer Options] in the [Print] dialog. Depending on the printer model you are using, the driver version is displayed in the [Adjustments] tab of the [Basic] pane.

## Related Topics

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- ▶ **Installing the Driver(P. 16)**
- ▶ **Registering a Printer Connected by TCP/IP(P. 18)**
- ▶ **Registering a Printer Connected by USB(P. 23)**
- ▶ **Registering a Printer Connected by Bonjour(P. 28)**
- ▶ **Setting the Options of the Device(P. 46)**

## Pre-installation Check

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This describes the items to be checked beforehand in order to install the driver correctly.

- ▶ **System Requirements(P. 14)**
- ▶ **About the Readme File(P. 15)**



## System Requirements

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Use one of the following system environments with this driver.

### Operating Systems

macOS 10.13.6 or later

### Hardware

A computer guaranteed to operate using the above operating system.

## About the Readme File

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The Readme file contains information such as limitations, restrictions, and cautions when installing or using the driver.

Refer to README-ENG.html in the accompanying CD-ROM or the downloaded driver folder.

# Installing the Driver

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This section explains the procedure for installing the driver to macOS.

Install the driver and register the printer to use.

## Prerequisites

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- Obtain the driver installer.
- **System Requirements(P. 14)**
- Close all running applications.
- If the computer and device are connected by USB, turn off the main power of the device.

## Procedures

---

**1** Open the driver installer folder → select [MF\_Printer\_Installer.pkg] or [Canon\_Driver.pkg].

**2** Read the Software License Agreement → click [Continue].

If a dialog asking you to confirm that you agree to the Software License Agreement is displayed, click [Agree].

**3** Click [Install].

If a dialog for entering a user name and/or password is displayed, enter the name and password of a computer administrator and continue according to the instructions in the dialog.

**4** Click [Close].

Register the printer.

## Related Topics

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- ▶ **Preparations for Using the Driver(P. 12)**
- ▶ **Registering a Printer Connected by TCP/IP(P. 18)**
- ▶ **Registering a Printer Connected by USB(P. 23)**
- ▶ **Registering a Printer Connected by Bonjour(P. 28)**

## Registering a Printer

---

Register the printer you are going to use.

Select a registration method according to the method by which the computer and printer are connected.

- ▶ **Registering a Printer Connected by TCP/IP(P. 18)**
- ▶ **Registering a Printer Connected by USB(P. 23)**
- ▶ **Registering a Printer Connected by Bonjour(P. 28)**

## Registering a Printer Connected by TCP/IP

---

You can register a printer connected by "Line Printer Daemon – LPD" in macOS.

### Prerequisites

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- **System Requirements(P. 14)**
- **Installing the Driver(P. 16)**
- Confirmation of specified IP address

If you do not know the IP address, check with the network administrator or check the network settings. For details, refer to the manual of the device.



#### NOTE

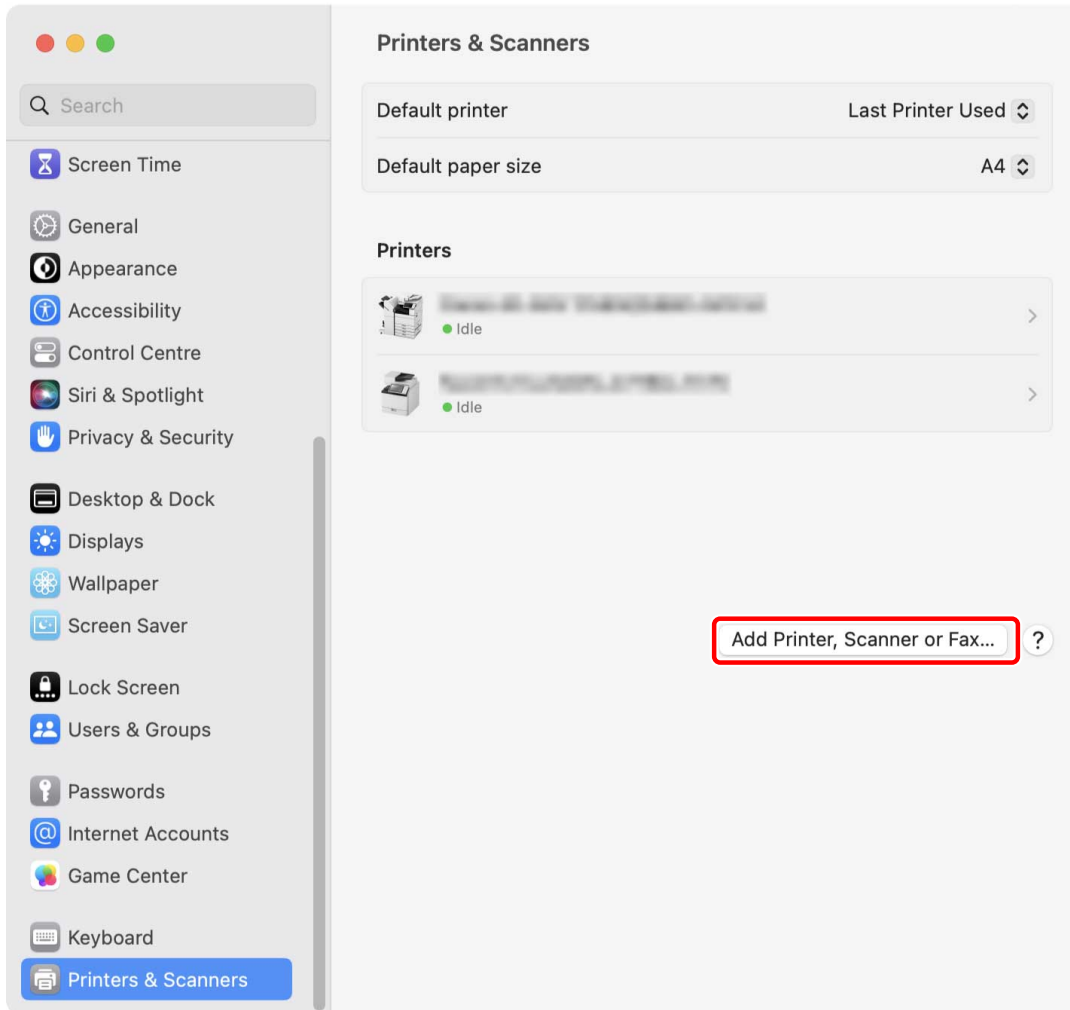
- If IPP (Internet Printing Protocol) is usable, only IPv4 is supported.

### Procedures

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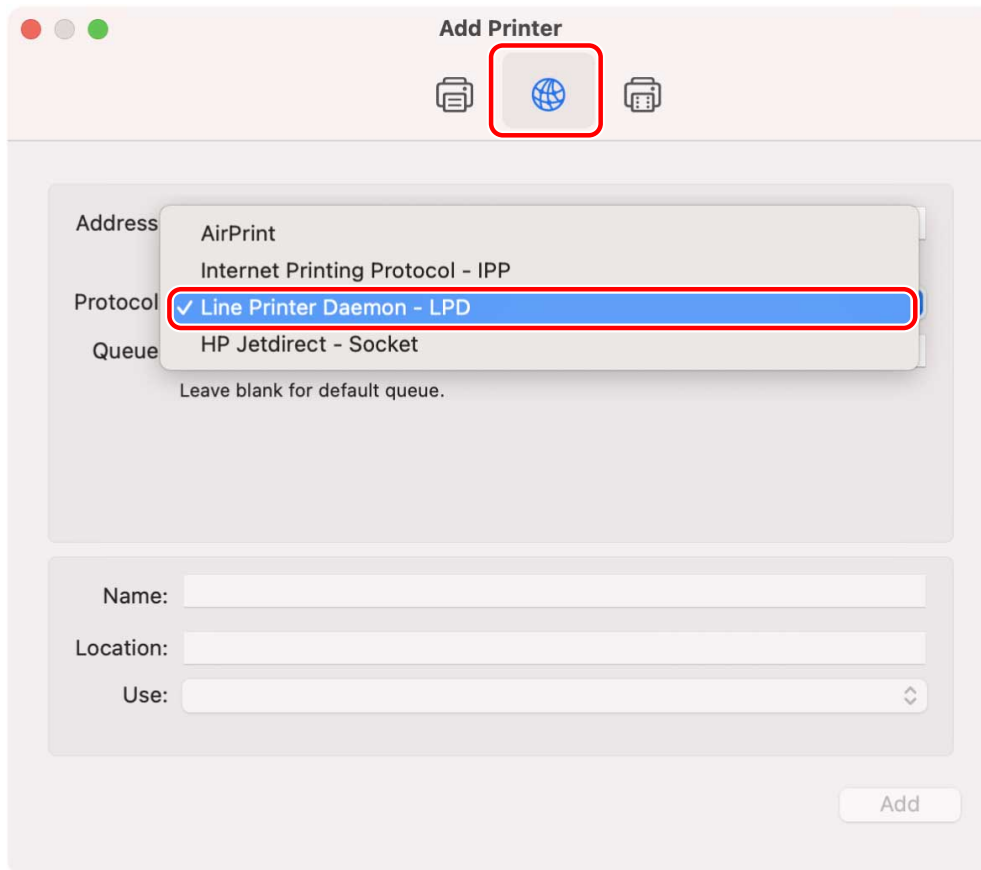
- 1** Open [System Settings] in macOS → click [Printers & Scanners] in the sidebar.
- 2** Click [Add Printer, Scanner or Fax].

## Installing the Driver



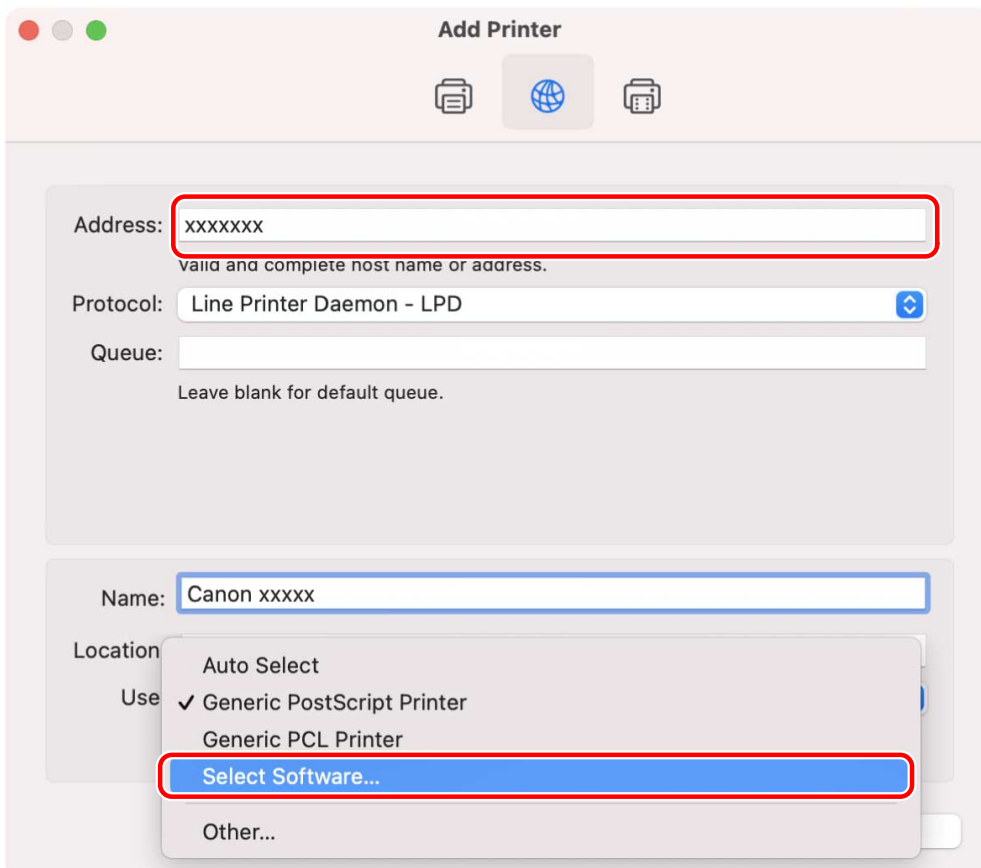
**3** Select [  IP] in the toolbar → select [Line Printer Daemon - LPD] from [Protocol].

## Installing the Driver



### 4 Enter the printer's IP address in [Address] → select [Select Software] from [Use].

If the driver corresponding to the printer is displayed in [Use], proceed to step 6.(P. 21) .

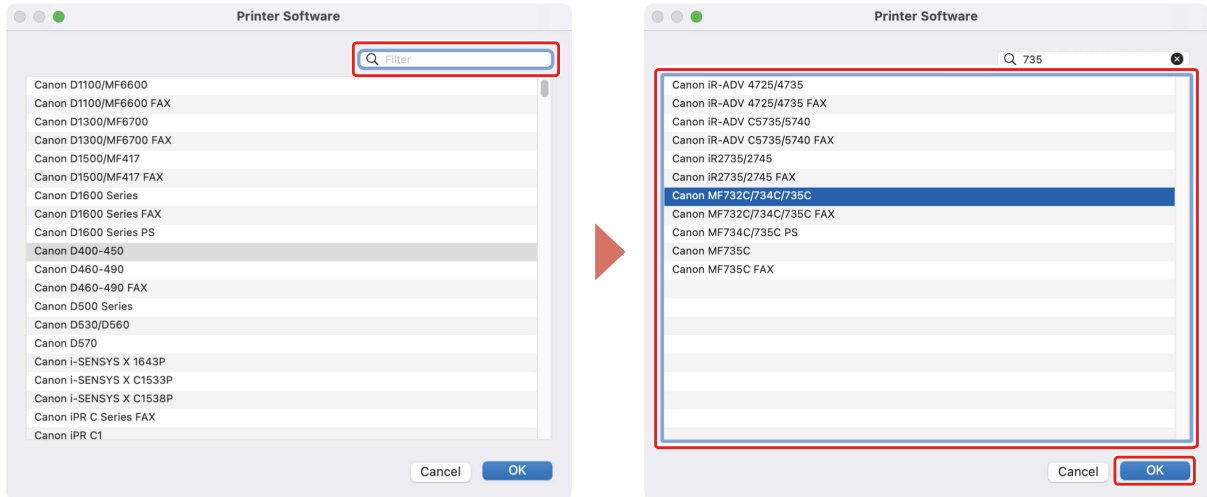


**NOTE**

- A message indicating that the IP address is incorrect may be displayed even if the correct IP address has been entered.

## 5 Enter the number included in the model name of the printer in the search field → select the corresponding driver in the search results → click [OK].

For example, if the model name is "MF735C", enter "735" and select "Canon MF735C JP" (for Japan) or "Canon MF732C/734C/735C" (for other regions) in the search results.

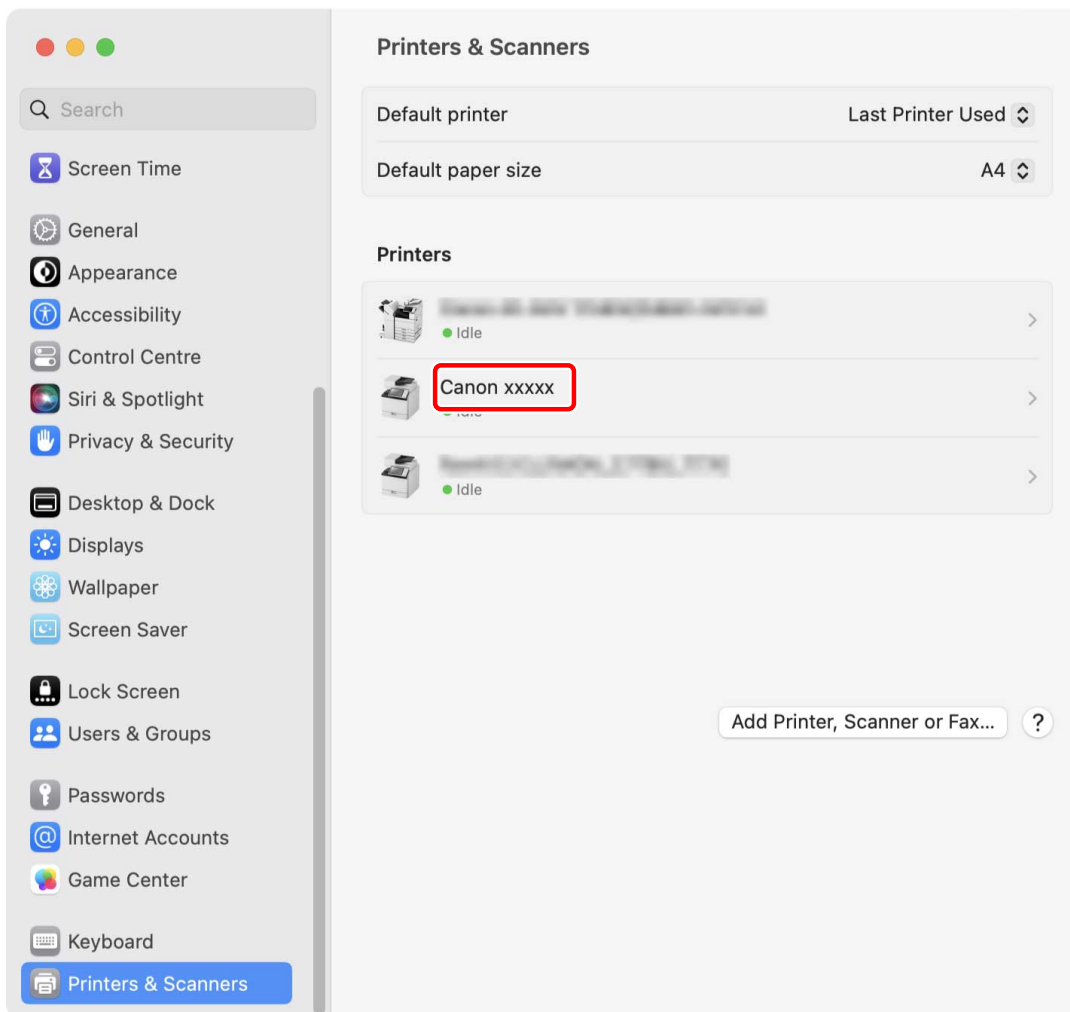
**NOTE**

- Select a driver with a name starting with "Canon".
- If a driver matching the model name is not displayed in the search results, try the following:
  - Try removing the last digit. For example, if the model name is "MF511", enter "51", and select the driver that matches the model name with the last digit removed, such as "Canon MF510 Series", in the search results.
  - If the corresponding driver is not displayed with the above method, try removing the last two digits. For example, if the model name is "MF6140", enter "61", and select the driver that matches the model name with the last two digits removed, such as "Canon MF6100 Series".
- Drivers with the name "\*\*\*\*\* JP" or "\*\*\*\*\* CARPS2" are drivers for Japan. For other regions, select a driver that does not include "JP" or "CARPS2" in its name.

## 6 Change [Name] for the printer as necessary → click [Add].

## 7 Check that the registered printer is displayed in the [Printers] list.





Set the device options as necessary.

## Related Topics

- ▶ Preparations for Using the Driver(P. 12)
- ▶ Setting the Options of the Device(P. 46)

## Registering a Printer Connected by USB

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You can register a printer connected by USB in macOS.

### Prerequisites

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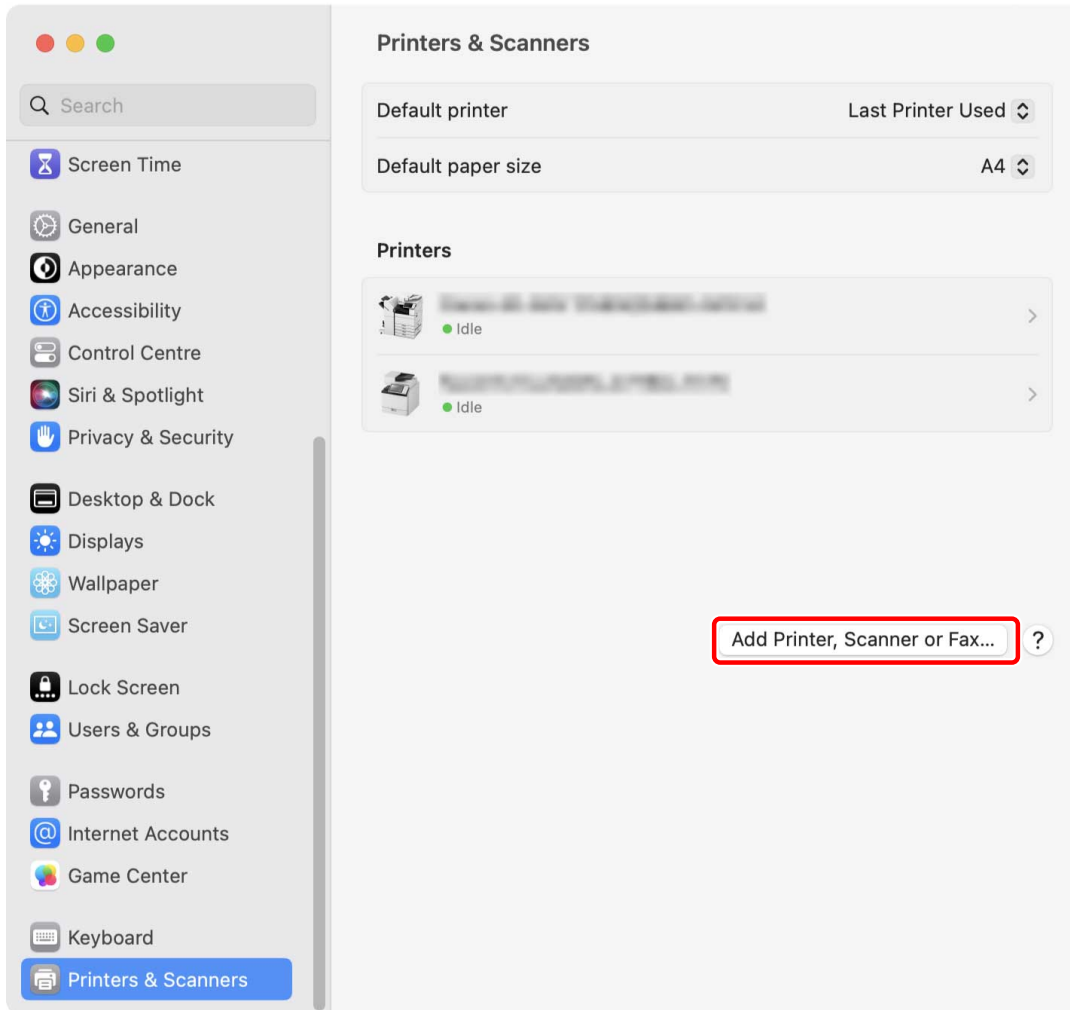
- **System Requirements(P. 14)**
- **Installing the Driver(P. 16)**
- Installation of the optional USB interface board (if required with the printer you are using)

### Procedures

---

- 1** Open [System Settings] in macOS → click [Printers & Scanners] in the sidebar.
- 2** Turn the printer on → connect the printer and the computer by USB cable.
- 3** Check that the connected printer is displayed in the dialog.  
If the connected printer is not displayed, perform the following procedure.
- 4** Click [Add Printer, Scanner or Fax].

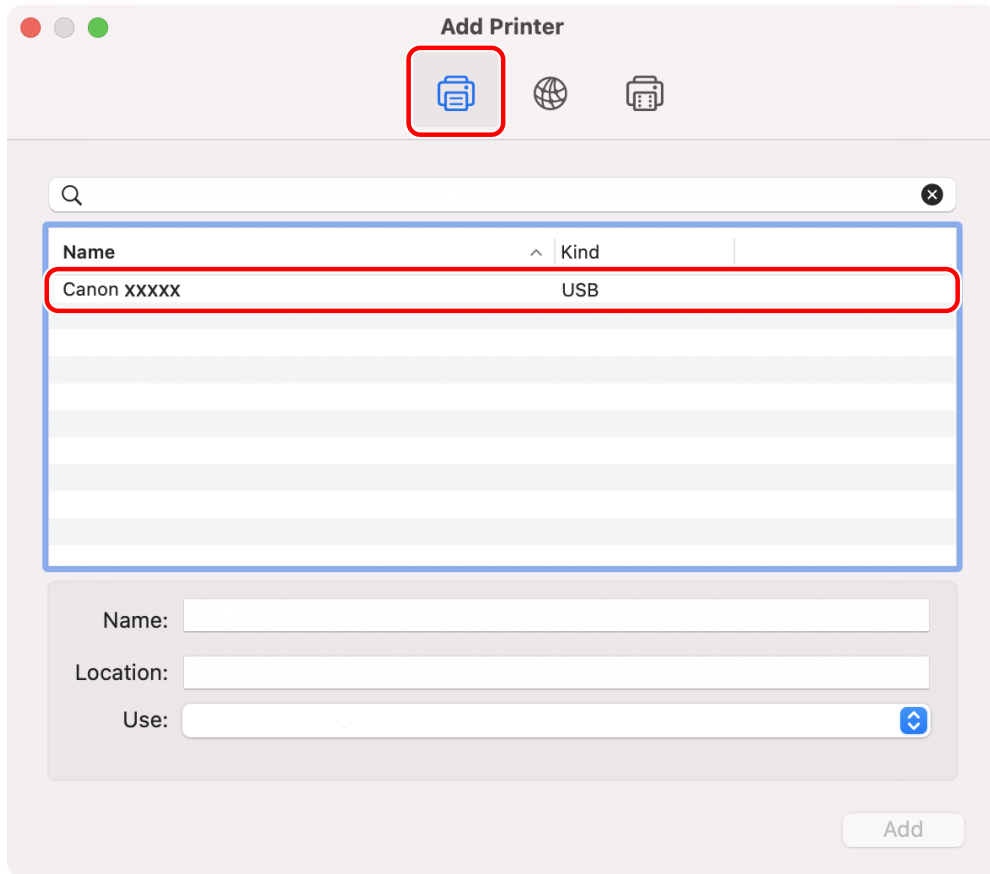
## Installing the Driver



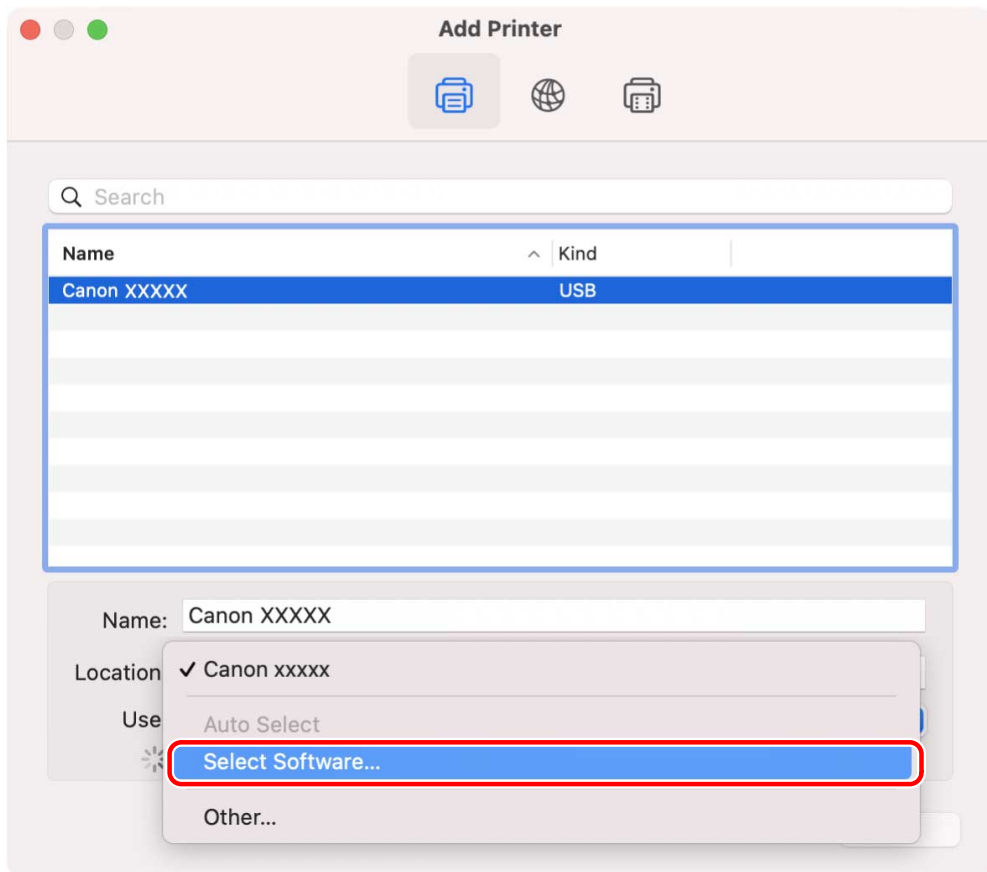
**5** Select [  Default] in the toolbar → select a printer from the list.

Select a printer displayed as "USB" in [Kind].

## Installing the Driver

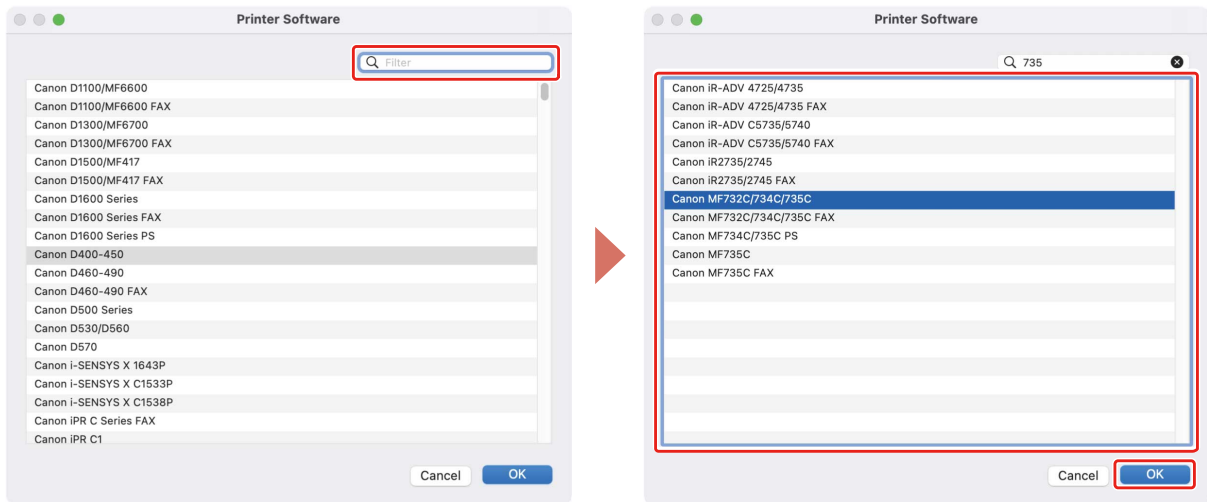


### 6 Select [Select Software] from [Use].



**7 Enter the number included in the model name of the printer in the search field → select the corresponding driver in the search results → click [OK].**

For example, if the model name is "MF735C", enter "735" and select "Canon MF735C JP" (for Japan) or "Canon MF732C/734C/735C" (for other regions) in the search results.



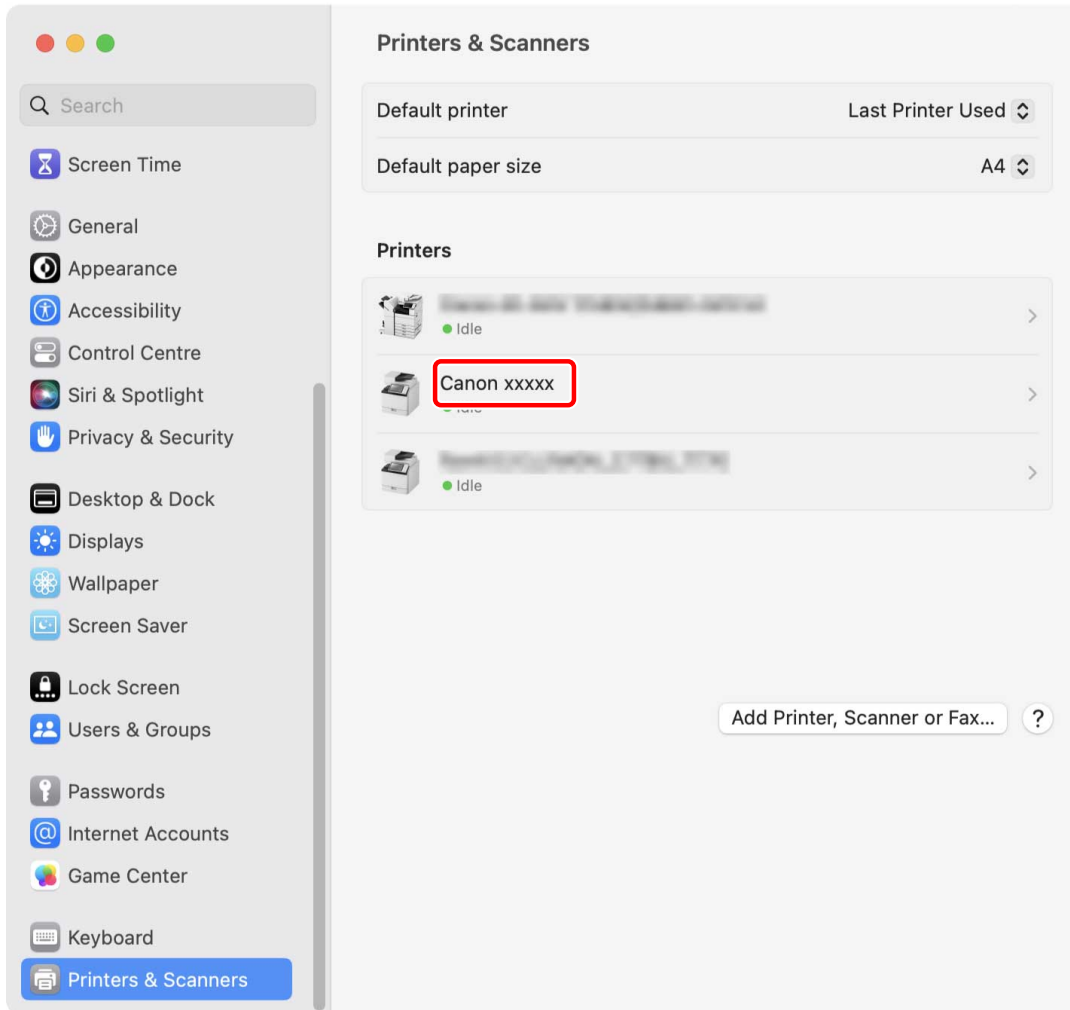
 **NOTE**

- Select a driver with a name starting with "Canon".
- If a driver matching the model name is not displayed in the search results, try the following:
  - Try removing the last digit. For example, if the model name is "MF511", enter "51", and select the driver that matches the model name with the last digit removed, such as "Canon MF510 Series", in the search results.
  - If the corresponding driver is not displayed with the above method, try removing the last two digits. For example, if the model name is "MF6140", enter "61", and select the driver that matches the model name with the last two digits removed, such as "Canon MF6100 Series".
- Drivers with the name "\*\*\*\*\* JP" or "\*\*\*\*\* CARPS2" are drivers for Japan. For other regions, select a driver that does not include "JP" or "CARPS2" in its name.

**8 Change [Name] for the printer as necessary → click [Add].**

**9 Check that the registered printer is displayed in the [Printers] list.**

## Installing the Driver



Set the device options as necessary.

### Related Topics

---

- ▶ [Preparations for Using the Driver\(P. 12\)](#)
- ▶ [Setting the Options of the Device\(P. 46\)](#)

## Registering a Printer Connected by Bonjour

---

You can register a printer connected by Bonjour to macOS.



### NOTE

- Some printer models are not compatible with Bonjour connections.

### Prerequisites

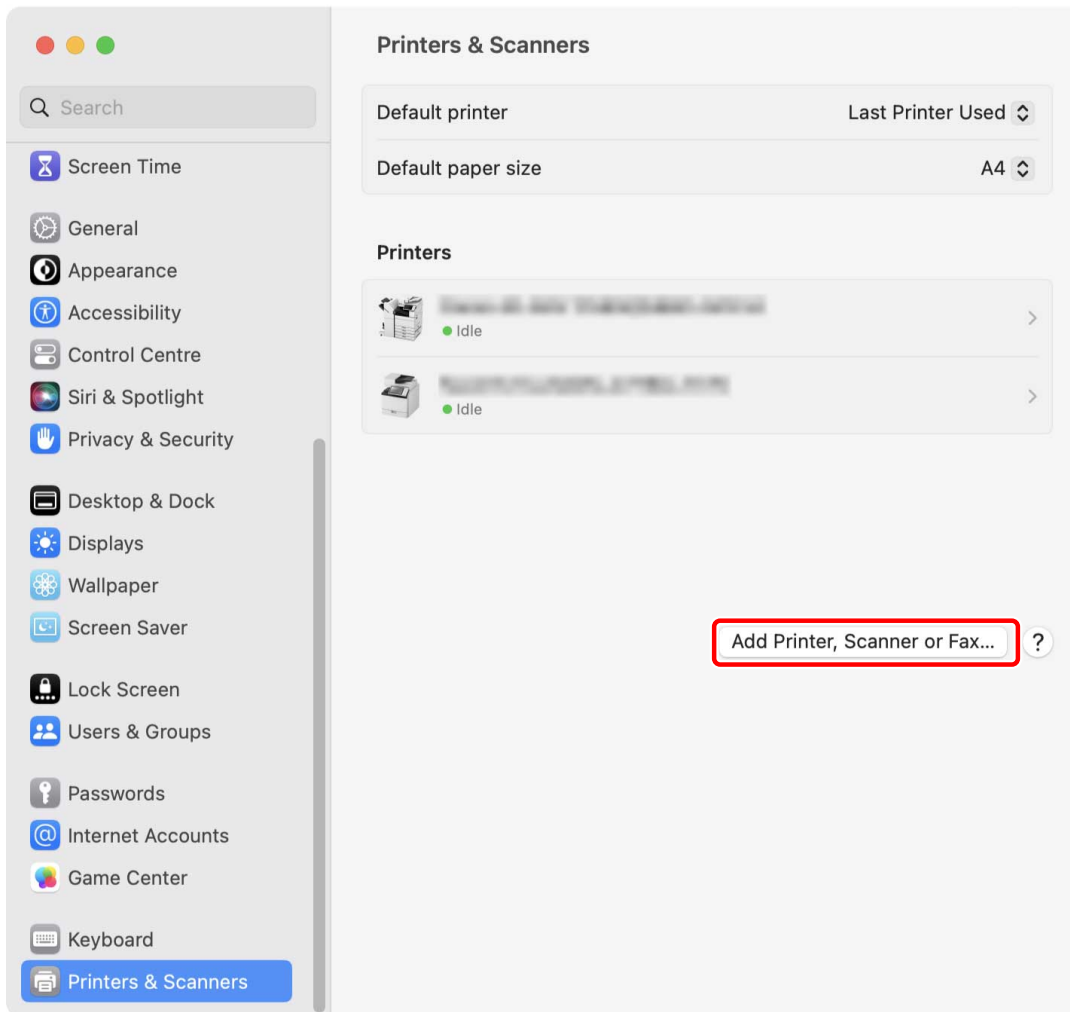
---

- [System Requirements\(P. 14\)](#)
- [Installing the Driver\(P. 16\)](#)

### Procedures

---

- 1** Open [System Settings] in macOS → click [Printers & Scanners] in the sidebar.
- 2** Click [Add Printer, Scanner or Fax].



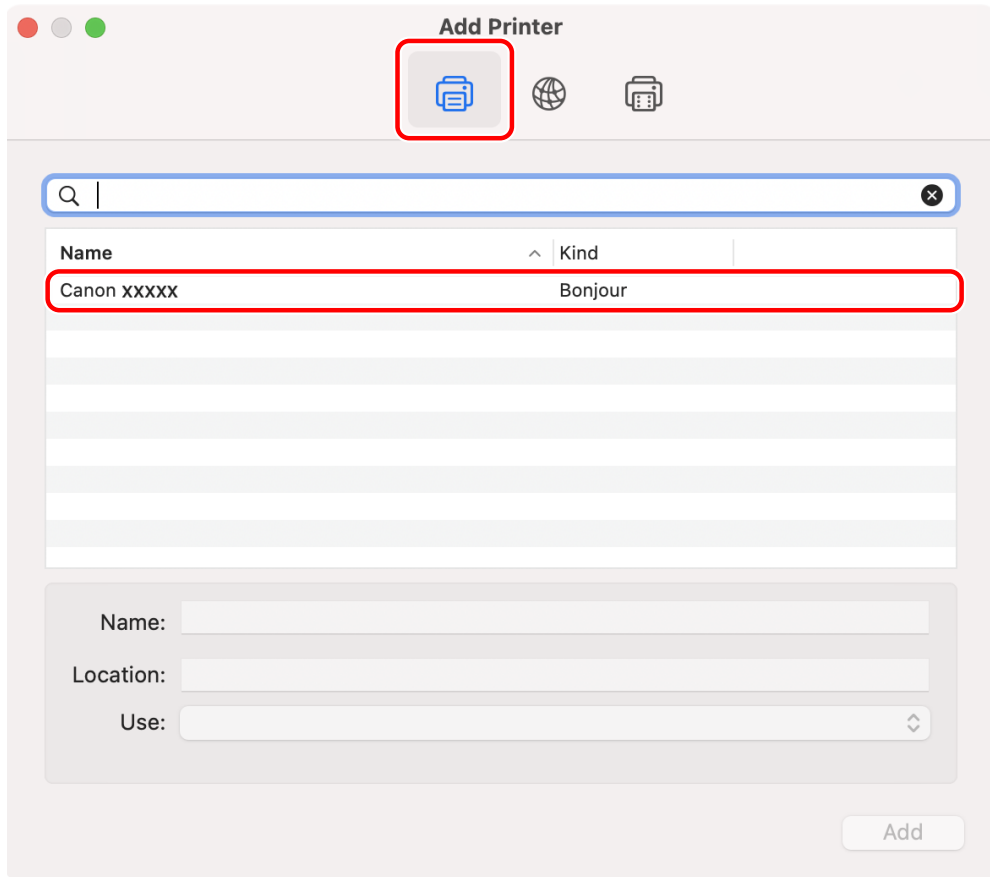
**3** Select [  Default] in the toolbar → select a printer from the list.

Select a printer displayed as "Bonjour" in [Kind].

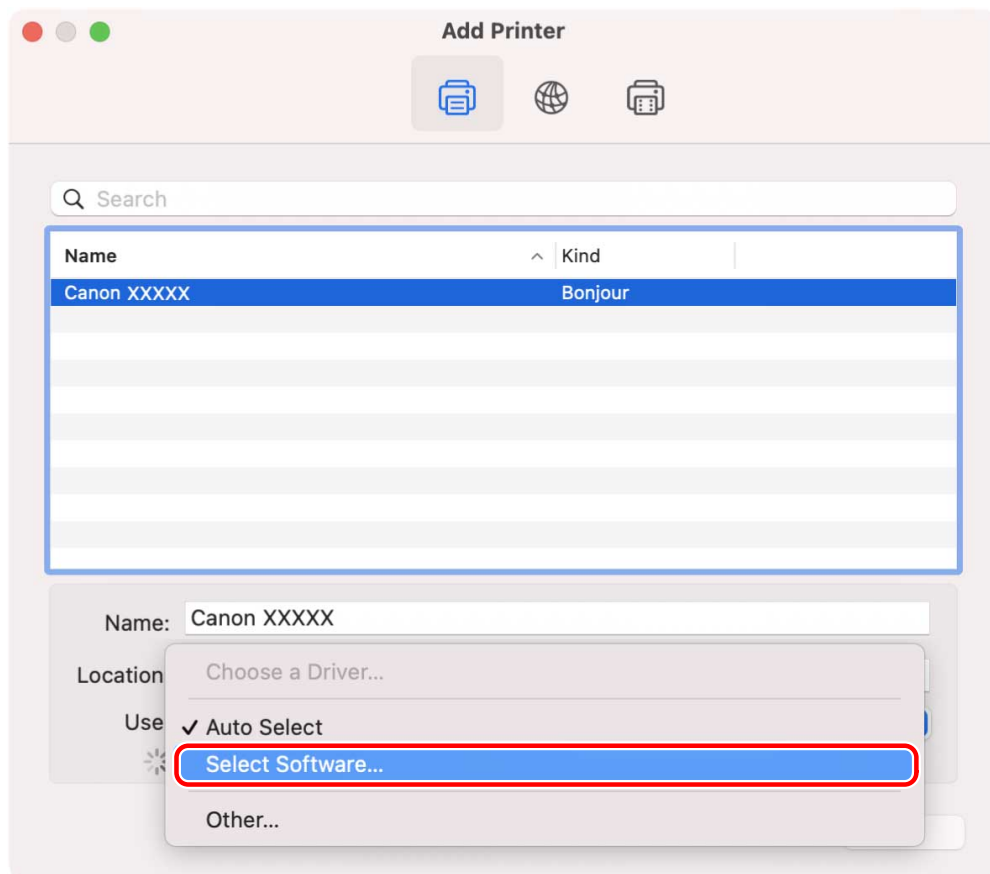
If the corresponding driver is already registered in [Use] in the displayed dialog, proceed to step **7.(P. 31)** .



## Installing the Driver

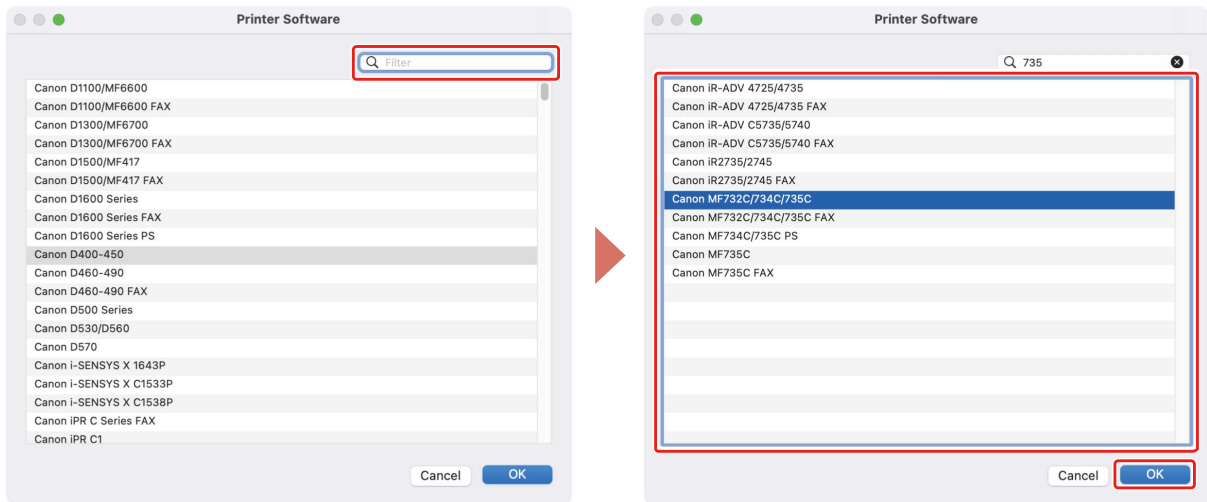


### 4 Select [Select Software] from [Use].



**5 Enter the number included in the model name of the printer in the search field → select the corresponding driver in the search results → click [OK].**

For example, if the model name is "MF735C", enter "735" and select "Canon MF735C JP" (for Japan) or "Canon MF732C/734C/735C" (for other regions) in the search results.

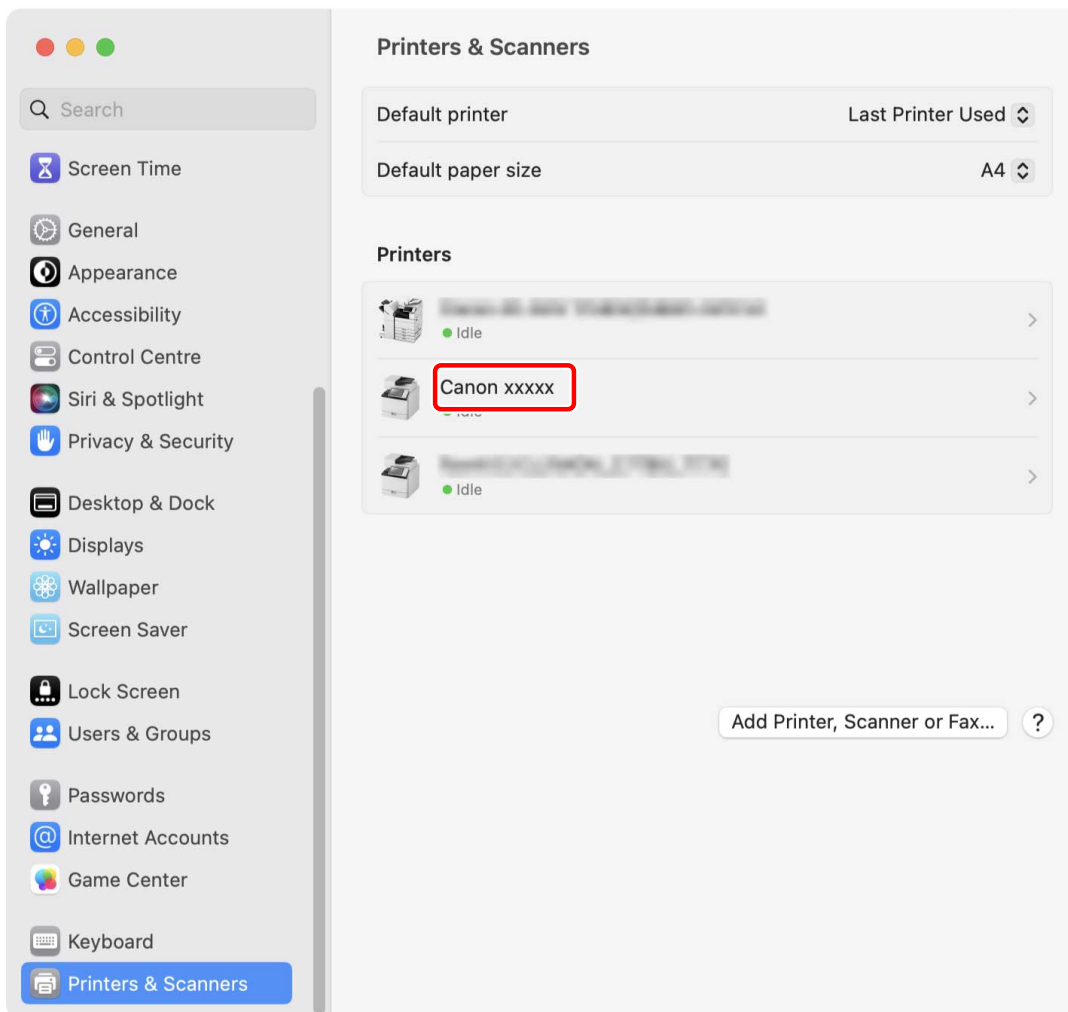


**NOTE**

- Select a driver with a name starting with "Canon".
- If a driver matching the model name is not displayed in the search results, try the following:
  - Try removing the last digit. For example, if the model name is "MF511", enter "51", and select the driver that matches the model name with the last digit removed, such as "Canon MF510 Series", in the search results.
  - If the corresponding driver is not displayed with the above method, try removing the last two digits. For example, if the model name is "MF6140", enter "61", and select the driver that matches the model name with the last two digits removed, such as "Canon MF6100 Series".
- Drivers with the name "\*\*\*\*\* JP" or "\*\*\*\*\* CARPS2" are drivers for Japan. For other regions, select a driver that does not include "JP" or "CARPS2" in its name.

**6 Change [Name] for the printer as necessary → click [Add].**

**7 Check that the registered printer is displayed in the [Printers] list.**



Set the device options as necessary.

## Related Topics

- ▶ Preparations for Using the Driver(P. 12)
- ▶ Setting the Options of the Device(P. 46)

## Uninstalling a Driver

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This explains the procedure for uninstalling a driver that is no longer needed.

### Prerequisites

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- When connected by USB, removal of the USB cable connecting the device and the computer
- Confirmation of the device name to be deleted



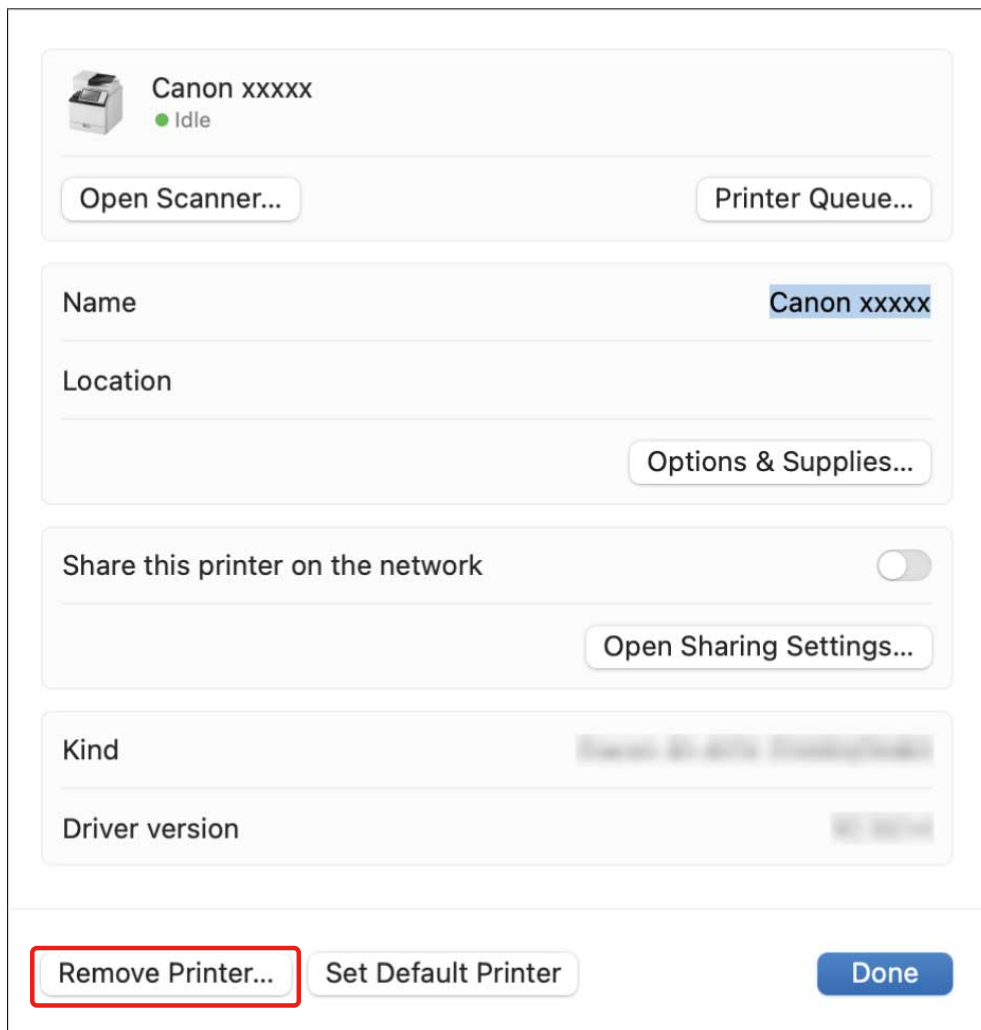
#### NOTE

- The driver can be upgraded. It is not necessary to uninstall the old driver.

### Procedures

---

- 1** Open [System Settings] in macOS → click [Printers & Scanners] in the sidebar.
- 2** Select the device to uninstall.
- 3** In the displayed dialog, click [Remove Printer].



#### 4 Delete the files of the driver to uninstall in the [Library] folder of macOS.

If a confirmation dialog is displayed, enter an administrator name and password and click [OK].

The name represented by "\*\*\*\*" varies according to the device.

- Library/Printers/Canon/CUPS\_MF\_Printer
- Library/Printers/PPDs/Contents/Resources/CNPZB\*\*\*\*ZB.ppd.gz
- usr/libexec/cups/backend/canonoipnetzb

#### 5 Restart macOS.

# Printing

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# Printing

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- ▶ **Printing from an Application(P. 37)**
- ▶ **Arranging Multiple Pages on One Sheet of Paper(P. 40)**
- ▶ **Attaching a PIN to Print Data(P. 41)**
- ▶ **Registering Presets(P. 42)**
- ▶ **Registering Custom Paper Sizes(P. 43)**

## Printing from an Application

---

This explains the basic procedure for printing from an application.

- 1 Select [Print] from the application's [File] menu.**
- 2 In the [Print] dialog, select the device to use from the [Printer] pop-up menu.**
- 3 Configure the print options.**



Printer Canon xxxxx

Presets Default Settings

Copies

Pages

All 3 Pages

Range from  to

Selection  
Select pages from the sidebar

Double-sided Off

Paper Size A4 210 by 297 mm

Orientation  Portrait  Landscape

> TextEdit  
Header and Footer: Off, Rewrap to fit page: On

> Layout  
1 page per sheet

> Paper Handling  
Collate Sheets, All Sheets

> Printer Options

> Printer Info

? PDF ▼ Cancel Print

### To use settings saved as a preset

Select the name of the preset from the [Presets] pop-up menu.

### To configure the print function of the device

Click [Printer Options] → configure the required items.

**NOTE**

- [Printer Features] may be displayed in [Printer Options], depending on the application you are using. In this case, click [Printer Features], then select the function you want to set from the [Feature Sets] pop-up menu.
- If the functions you want to set are not displayed in the print options, configure the settings after enabling the device option, etc.

#### **4** In the [Print] dialog, click [Print].

### Related Topics

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- ▶ Preparations for Using the Driver(P. 12)
- ▶ Registering Presets(P. 42)

## Arranging Multiple Pages on One Sheet of Paper

---

This section explains the procedure for printing multiple pages on a single sheet of paper.

Select the direction you want to arrange the pages in on the paper and print borders around the arranged pages.

- 1 In the [Print] dialog, click [Layout].**
- 2 Select the number of pages to be arranged on each sheet of paper from the [Pages per Sheet] pop-up menu.**

For detailed settings such as the direction in which the pages are arranged, printing borders around each page, etc., perform the following procedure.
- 3 Select what direction the pages are to be arranged in from [Layout Direction].**
- 4 Select the type of border from the [Border] pop-up menu.**

## Attaching a PIN to Print Data

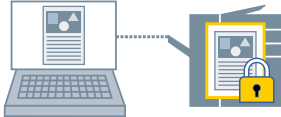
---

You can attach a PIN to print data and save it in the device. This is useful when printing confidential documents etc.



### NOTE

- To use this function, it may be necessary to enable secure printing in the device options in advance, depending on the device model.



- 1** Click [Printer Options] in the [Print] dialog → click [Authenticate and Print].
- 2** Select [Use Secured Print].
- 3** Enter [Document Name], [User Name], and [PIN] → click [OK].

### Related Topics

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- ▶ [Setting the Options of the Device\(P. 46\)](#)
- ▶ [\[Authenticate and Print\] Pane\(P. 54\)](#)

## Registering Presets

---

You can register frequently used print settings in [Presets] and recall the settings when printing.

For example, if you frequently use 1-sided printing, registering the 1-sided print setting as a preset is convenient.

You can also set a preset you use frequently so that it is displayed and immediately available next time you print.

**1 Select a print option in the [Print] dialog and set the functions to register as a preset.**

**2 Select [Save Current Settings as Preset] from [Presets].**

**3 Enter [Preset Name] → select [Available For].**

**4 In [Type], select [Print Job Preset] → click [OK].**

[Print Job Preset] is the preset used for general print jobs. To register a preset to use in combination with [Print Job Preset], select [Custom Preset] in [Type].

When you frequently use a registered preset, select the preset and print after executing the following procedure. Next time you print thereafter, it will be displayed in [Presets].

**5 Select [Edit Preset List] from [Presets].**

**6 Deselect [Reset Presets Menu to "Default Settings" After Printing] → click [OK].**

## Registering Custom Paper Sizes

---

You can register a desired paper size as "Custom Papers" and use it for printing.

Registered "Custom Papers" can also be used when printing from another device.

- 1** In the [Print] dialog, select [Manage Custom Sizes] from the [Paper Size] pop-up menu.
- 2** Click [+] at the bottom of the displayed dialog.
- 3** Configure detailed settings such as the name, dimensions, etc. of "Custom Papers" → click [OK].

# Linking the Driver and the Device

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## Linking the Driver and the Device

---

- ▶ **Setting the Options of the Device(P. 46)**
- ▶ **Setting the Authentication Function(P. 48)**



## Setting the Options of the Device

---

You can set the options (paper supply drawers, finisher, etc.) installed in the device.

When using the device for the first time or changing the options of the device, the options must be set in order to be able to use the functions of the device.

### Prerequisites

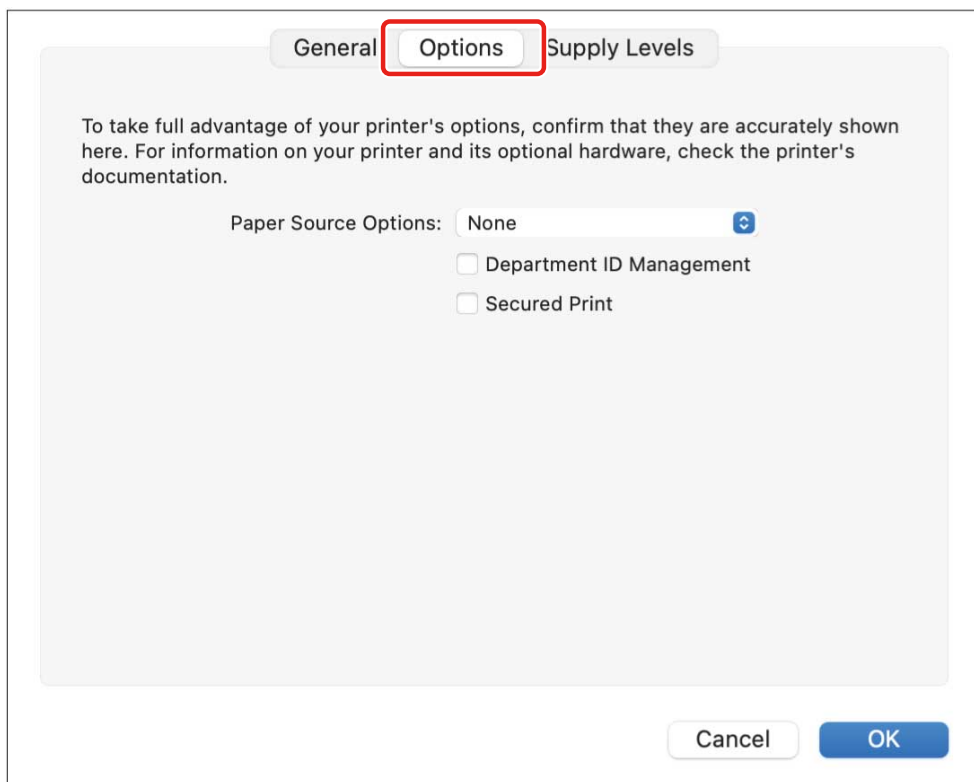
---

- **Installing the Driver(P. 16)**
- **Registering a Printer(P. 17)**

### Procedures

---

- 1** Open [System Settings] in macOS → click [Printers & Scanners] in the sidebar.
- 2** Select the device to use.
- 3** In the displayed dialog, click [Options & Supplies].
- 4** In the displayed dialog, click the [Options] tab.



## 5 Set the options of the device → click [OK].



### NOTE

- Select only the options that are actually installed in the device.
- For information on operating the device, check the manual of the device.

## Related Topics

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- ▶ [Preparations for Using the Driver\(P. 12\)](#)
- ▶ [Registering a Printer Connected by TCP/IP\(P. 18\)](#)
- ▶ [Registering a Printer Connected by USB\(P. 23\)](#)
- ▶ [Registering a Printer Connected by Bonjour\(P. 28\)](#)

## Setting the Authentication Function

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You can perform print management by means of the department ID management function.



### NOTE

- To use this function, enable the authentication function in the device options in advance.



- 1** Click [Printer Options] in the [Print] dialog → click [Authenticate and Print].
- 2** Select [Use Department ID Management].
- 3** Set [Department ID] and [PIN] → click [OK].

### Related Topics

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- ▶ [Setting the Options of the Device\(P. 46\)](#)
- ▶ [\[Authenticate and Print\] Pane\(P. 54\)](#)

# Settings List

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## Settings List

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- ▶ [Color Matching] Pane(P. 51)
- ▶ [Paper Source] Pane(P. 52)
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- ▶ [Authenticate and Print] Pane(P. 54)
- ▶ [Advanced] Pane(P. 55)

## **[Color Matching] Pane**

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Set the color profile to use for matching the color of the monitor with the color of the print results.

### **[ColorSync]**

Select this to use a color profile installed on the computer you are using. Select the profile to use from the [Profile] pop-up menu.

### **[Canon Color Matching]**

Select this to perform color matching on the device side.

## [Paper Source] Pane

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You can set the paper type and paper source.

### [Select by]

Specifies whether to set the paper to print on from a paper source or by paper type.

### [Paper Source]

Select this to specify the paper to print on from a paper source. If you select [Auto], a paper source is automatically selected according to the specified output paper size.

### [Paper Type]

Select this to specify the paper to print on by paper type. If [Settings] is displayed, display the dialog for selecting the paper type, and set the paper type.

## [Basic] Pane

---

You can set the print quality, printing colors, etc.

### [Settings]/[Adjustments]

Sets the resolution, colors, etc.

#### [Quality]

Selects whether to print with fine rendering or standard rendering.

#### [Paper Type]

Selects the paper type.

#### [Color Mode]

Switches between printing in color or black-and-white.

#### [Toner Save]

Saves toner by reducing its density when printing.

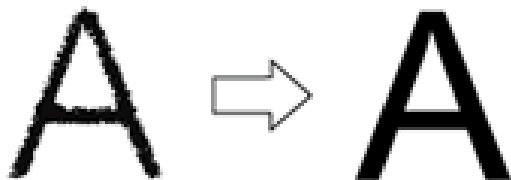
#### [Print on the Other Side]

When manually performing two-sided printing, select this to print on the back side.

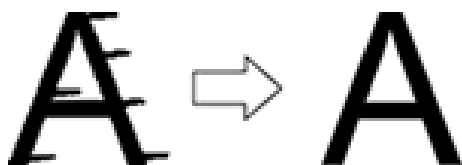
#### [Reduce Blurring/Smudging]

Adjusts the level of toner fixing to improve the print result.

Strengthening blur improvement improves the haziness of contours.



Strengthening improvement of striping improves prolonged striping.



#### [Graphics Mode]

Selects a processing method for print data.

#### [Brightness]

Adjust the brightness by moving the slider.

#### [Contrast]

Adjust the contrast by moving the slider.

### [Version]

Displays information about the driver version.



## [Authenticate and Print] Pane

---

You can manage the print status by department, and encrypt and print the print data, etc.

### [Use Secured Print]

Sets a PIN in the print data and saves it to the device.

The saved data can be printed by entering the PIN at the control panel of the device.

### [Use Department ID Management]

Manages the print status of each department.

You can print by entering the department ID and PIN registered in the device.

## Related Topics

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- ▶ [Attaching a PIN to Print Data\(P. 41\)](#)
- ▶ [Setting the Authentication Function\(P. 48\)](#)

## [Advanced] Pane

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When printing text or images, you can improve the print results when contours are hazy or blurred.

### [Smooth Outline of Characters and Figures]

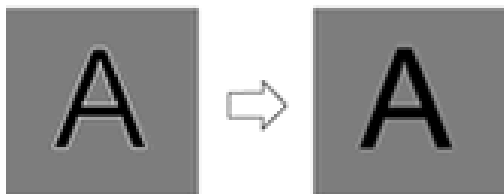
Corrects the smoothness of the contours of text and diagrams by means of a smoothing process.

### [Improve Barcode Printing]

Improves fine lines such as barcodes etc. so that they are not blurred or broken.

### [Improve White Specks on Outlines]

Improves outlines so that the contours of text and images are not printed outlined in white.



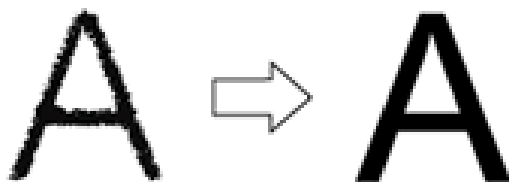
### [Fine Print Data]

Prints images with finer quality.

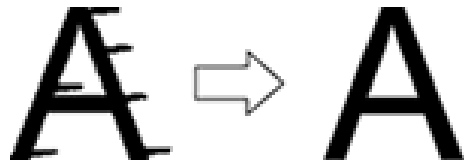
### [Reduce Blurring/Smudging]

Adjusts the level of toner fixing to improve the print result.

Strengthening blur improvement improves the haziness of contours.



Strengthening improvement of striping improves prolonged striping.



# Troubleshooting

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# Troubleshooting

---

This explains solutions to common problems.

Limitations and precautions are also included in the Readme file.

- ▶ **Cannot Register a Device Connected by Bonjour(P. 58)**
- ▶ **Printing is Slow(P. 59)**

# Cannot Register a Device Connected by Bonjour

---

When registering a device connected by Bonjour in macOS, the corresponding device may not be displayed in the [Add Printer] dialog.

If this happens, it could be due to a number of causes. Change settings as necessary by referring to each "Remedy."

## Cause 1.

**The settings of the device are incorrect**

### Remedy

Confirm that the Bonjour settings in the control panel of the device are enabled. For details, refer to the manual of the device.


## Cause 2.

**The network settings of macOS are incorrect**

### Remedy

Check whether the necessary settings have been configured in the network settings of macOS. If they have not been set, change the settings according to the following procedure.

(1) Open [System Settings] in macOS → click [Network] in the sidebar.

(2) Select [  ] > [Locations] > [Edit Locations], and configure the network environment.

(3) Click "Finder" in "Dock".

(4) Select [Finder] > [Settings] in the menu bar.

(5) Click the [General] tab in the [Finder Settings] dialog → select [Connected servers].

## Cause 3.

**The driver has not been installed correctly**

### Remedy

Reinstall the driver and register the device again.

## Related Topics

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- ▶ [Installing the Driver\(P. 16\)](#)

## Printing is Slow

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If transmission takes a long time when sending data to the device, it could be caused by the following. Follow the instructions described in "Remedy."

### Cause

**The amount of data being sent to the device is large, such as a document containing color photographs or large images**

### Remedy

If the resolution is set higher than needed, change the resolution.

(1) In the [Print] dialog, click [Printer Options] → click [Basic].

(2) Click the [Settings] tab → select the appropriate resolution from the [Quality] pop-up menu.

### Related Topics

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▶ **[Basic] Pane(P. 53)**

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