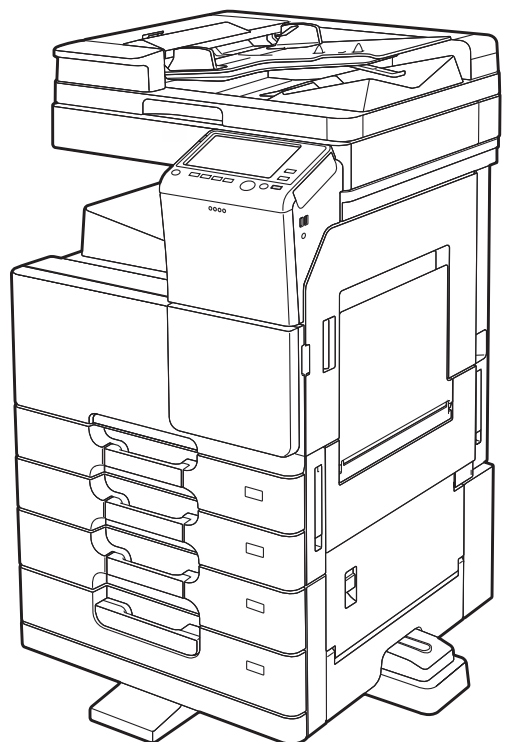




# N510 Series

## USER MANUAL Network Fax

- Before using this Product, please read the USER MANUAL carefully and keep it for your reference.



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## **Network Fax Functions**

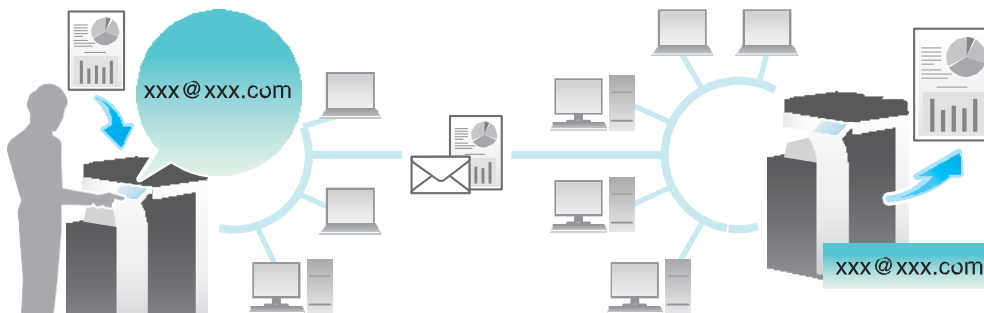
# 1 Network Fax Functions

## 1.1 Available Operations with Network Function

### Internet Fax

Internet fax is a function used to send and receive fax via enterprise network and Internet.

The same network as the one used by the computers is used to transmit faxes. Therefore, you can send and receive faxes to/from distant locations without having to worry about high communication costs or sending a large number of pages.



The following describes the precautions for using the Internet Fax.

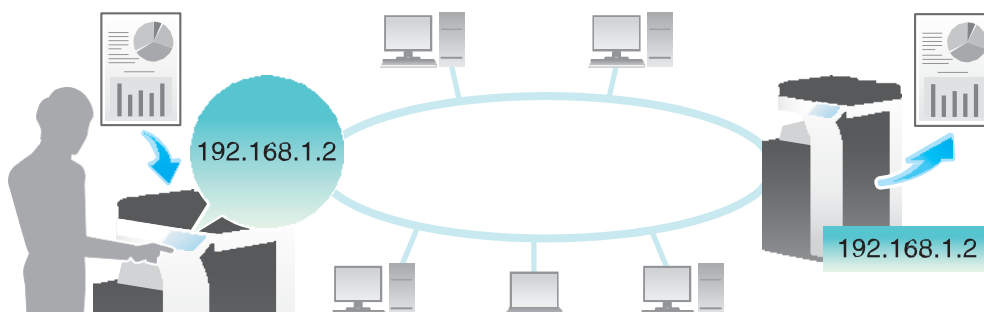
- Internet Fax must be configured by your service representative. For details, contact your service representative.
- The **Hard Disk** is optional in some areas. To use Internet fax, the optional **Hard Disk** must be installed on this machine.
- Internet fax is sent or received via E-mail. Prepare a dedicated Internet fax E-mail address for this machine.
- Connect this machine to a network that is capable of sending and receiving E-mail messages.
- Provide fax transmission in color, gray scale and black and white.
- Received documents in black and white can be printed, but received documents in color or gray scale are discarded and not printed.

### IP Address Fax

IP Address Fax is a function used to send and receive faxes within a limited network such as an enterprise network.

Specify an IP address for the destination. The same network as the one used by the computers is used to transmit faxes. Therefore, communication costs are not charged as they are for normal faxes.

In addition to IP address, you can also use a host name and E-mail address to specify the destination.



The following describes the precautions for using the IP Address Fax.

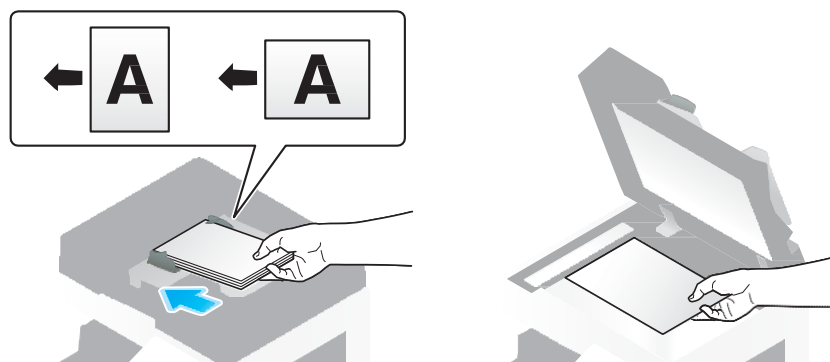
- IP Address Fax must be configured by your service representative. For details, contact your service representative.
- The **Hard Disk** is optional in some areas. To use the IP Address Fax function, the optional **Hard Disk** and **Fax Kit** must be installed in this machine.
- Provide fax transmission in color, gray scale and black and white.
- When a document in TIFF (Profile-C) format is received, the data is discarded and not printed.



## 1.2 How to Send a Fax

### 1.2.1 Sending (Basic Operation Flow)

- 1 Load the original.

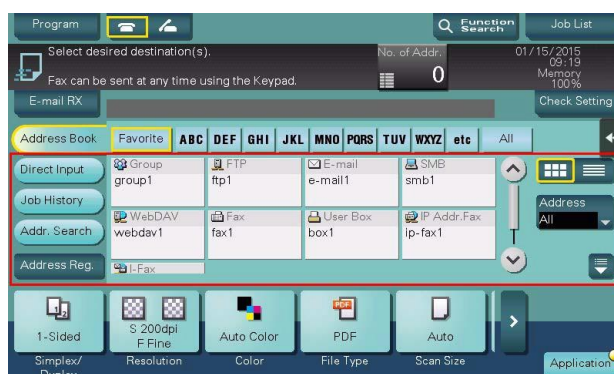


- 2 Tap [Scan/Fax].



- 3 Specify the destination.

- For details on how to specify a destination, refer to page 1-11.
- Specifying multiple destinations carries out computer sending and fax transmission simultaneously.



- If necessary, you can change the display of the main screen in fax/scan mode (default: [Address Book]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

#### 4 Configure the option settings for fax transmission as necessary.

→ For details on configuring option settings, refer to the respective columns of the following table.

Purpose	Reference
To configure basic options such as color and original size	page 1-15
To configure options to scan various types of originals such as various sizes and books	page 1-17
To adjust the image quality level of the original such as colored background (news-paper, etc.) or light printing original	page 1-20
To print date/time and page number	page 1-22
Other option settings	page 1-24

#### 5 Press the **Start** key.

→ Tap [Check Setting] before sending, and check the destination and settings as necessary.

→ To redo operations for specifying destinations or option settings, press the **Reset** key.



Transmission begins.

→ If you press the **Stop** key while scanning an original, the scanning process stops, and a list of stopped jobs appears. To cancel scanning of the original, delete the job from the list of inactive jobs.



#### Related setting

- You can change the default options for scan transmission to suit your environment. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

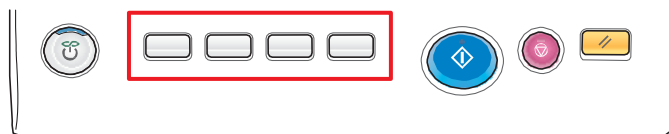
### 1.2.2 Checking the Finish before Sending

#### 1 Load the original.

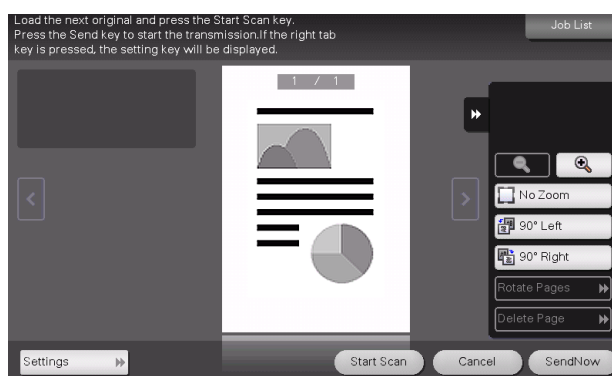
#### 2 Tap [Scan/Fax].



- 3 Specify the destination.
- 4 Configure the option settings for fax transmission as necessary.
- 5 Press the **Preview** key (default: Register key 4).



- 6 Select the original loading direction.
- 7 Tap [Start] or press the **Start** key.  
The original is scanned, and the Preview screen appears.
- 8 Check the preview display, and rotate the page or change settings as required.
  - To continue to scan originals, load the original, and tap [Start Scan].
  - To start a transmission, tap [SendNow] or press the **Start** key.
  - If you tap the tab key on the right of the screen, you can display or hide the setting key. The setting key allows you to rotate or delete a page.



- 9 After all originals are scanned, tap [SendNow] or press the **Start** key.  
Transmission begins.



#### Related setting (for the administrator)

- Normally, preview images are displayed after all the original data has been scanned. When necessary, you can use the real-time preview, which displays preview images on a page basis while scanning the originals (default: [OFF]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

- You can select whether to display the screen to select the original loading direction (default: [ON]) after pressing the **Preview** key. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".
- You can select conditions to display a preview image (default: [Preview Settings Screen]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### 1.2.3 Sending a Fax by Recalling a Program

#### Fax/Scan program

Program is a function to register a combination of frequently used option settings as a recall key. The program to be registered in Fax/Scan mode is called Fax/Scan program.

When you register a Fax/Scan program, you can recall the combination of option settings from the main screen with a single key action. You can also include a destination in program registration.

#### Registering a Fax/Scan program

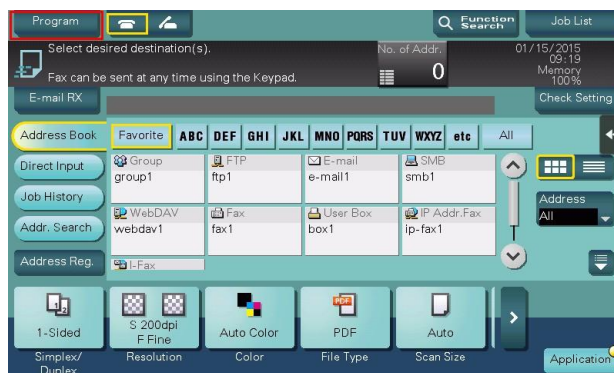
You can register up to 400 Fax/Scan programs.

If 400 Fax/Scan programs are already registered, delete unnecessary Fax/Scan programs before registering a new program.

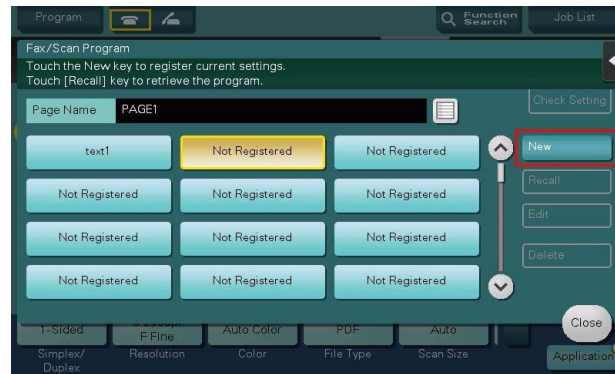
- 1 Tap [Scan/Fax].



- 2 Configure the option settings for fax transmission.  
→ Register the settings configured here as a program.
- 3 Tap [Program].



- 4 Select one of the keys that has not been registered and tap [New].



- 5 Enter the program name, then tap [OK].  
→ Specify the destination in [Address] as necessary.

Settings	Description
[Name]	Enter the program name (using up to 24 characters).
[Address]	Specify if you want to include a destination for the program. Specify either by direct input or by selecting among the destinations registered on this machine. Only one destination can be specified.
[URL Notif. Destination]	You can send the E-mail message that contains the save location of the original data to the specified E-mail address. You can use this function for SMB Send, FTP TX, WebDAV Send, and data saved in a User Box. To notify the save location of the original data, select [URL Notif. Destination], and specify the E-mail address to which you want to send the E-mail message.

### Tips

- For Fax/Scan program, in addition to normal program, temporary program for temporary use is also available. Temporary program is registered using **Web Connection**. By specifying a sending setting in advance, you can simplify the operation when sending data on this machine. Temporary programs are deleted once data is sent to the registered destination or when the machine is turned OFF.
- Up to 10 temporary programs can be registered. If 10 temporary programs are already registered, delete unnecessary temporary programs before registering a new program.

### Reference

You can also register Fax/Scan programs using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Registering Various Types of Information]".

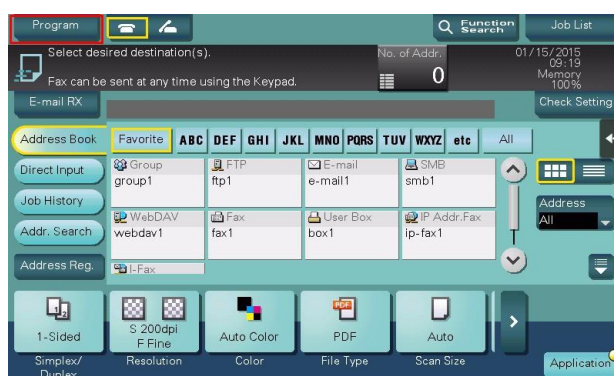
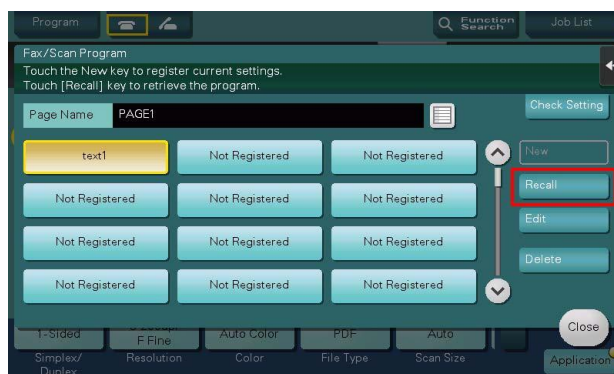
## Sending a fax by recalling a Fax/Scan program

- 1 Load the original.

## 2 Tap [Scan/Fax].



## 3 Tap [Program].

4 Select the program you want to recall, and tap [Recall].  
The registered content of the program is applied.

→ If necessary, you can change the page to be displayed in the main screen of the program (default: [PAGE1]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

## 5 Specify a destination if no destination is registered in Program.

- 6 Press the **Start** key.
- Tap [Check Setting] before sending, and check the destination and settings as necessary.
  - To redo operations for specifying destinations or option settings, press the **Reset** key.



Transmission begins.

- If you press the **Stop** key while scanning an original, the scanning process stops, and a list of stopped jobs appears. To cancel scanning of the original, delete the job from the list of inactive jobs.

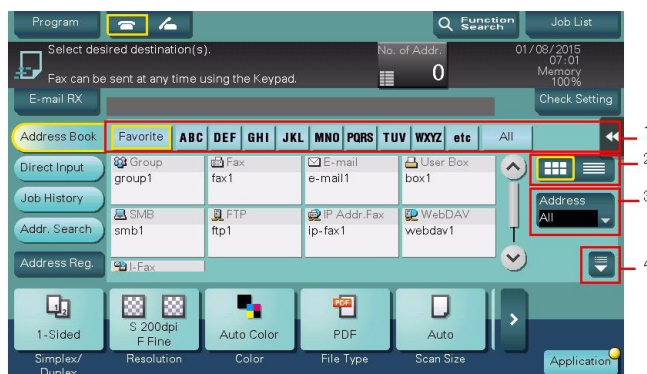
## 1.3 Specifying a destination

### Selecting from address book

In [Address Book], select the destination registered on this machine.

You can send data by broadcast transmission if you select multiple destinations. You can also use broadcast transmission by combining different sending modes such as network fax and SMB Send.

For details on how to register a destination, refer to page 4-2.



No.	Description
1	Narrow down destinations with the index specified for the registered destination. Using [Address] in combination further narrows down destinations. The following keys can be used to narrow down destinations: <ul style="list-style-type: none"> <li>• [All]: All address book entries registered on this machine are displayed.</li> <li>• [Favorite]: The destinations specified with [Favorite] as search text are displayed.</li> <li>• [etc]: Displays destinations for which the registered name of each begins with a character other than an alphabet character.</li> </ul>
2	Switches the display of the registered destinations to the button or list view mode. If the list view mode is selected, you can sort destinations by registration number, destination type, or registered name.
3	Narrow down destinations by the type of the registered destination. Using also search text further narrows down destinations.
4	Expands the area when scrolling is required in the area where the registered destinations are displayed.



#### Related setting

- You can select the index or destination type to be displayed at the top when [Address Book] is displayed (default: [Favorites]/[All]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".
- You can select the list order of destinations to be displayed in [Address Book] between an order by registration number and by registration name (default: [Number Order]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".
- You can select the default display of the [Address Book] between button images and listing (default: [One-Touch Button Layout]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".



#### Related setting (for the administrator)

- You can specify whether to prohibit users from specifying more than one destination (for broadcasting) or not (default: [OFF]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".
- You can specify whether the registered information for the selected destination is displayed every time the destination is selected from the destinations registered on this machine (default: [OFF]). Using this function helps to prevent wrong transmissions. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

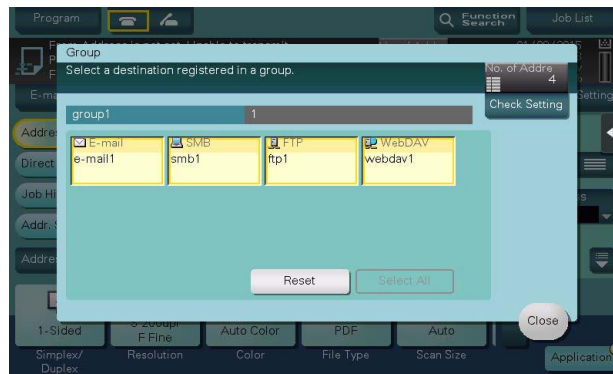


## Specifying a group destination

When you frequently send data by broadcast transmission, it is convenient to use a group destination that groups multiple destinations.

When a group destination is selected in [Address Book], select the destinations you want send data among the destinations registered in the group. If there is certain destination that you want to delete from sending data among the destinations registered in the group, tap [Select All], then tap the target destination to deselect.

For details on how to register a group, refer to page 4-6.



## Searching for destinations

If a large number of destinations is registered, search for a destination by registration name or destination (E-mail address or computer name).

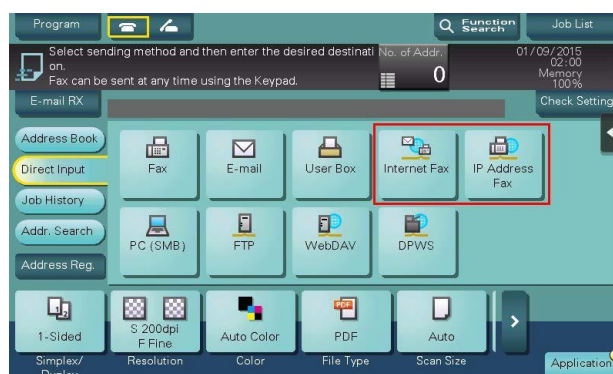
- 1 Tap [Addr. Search] - [Search] - [Name Search] or [Address Search].
  - When searching for a destination by registration name, tap [Name Search].
  - When searching for a destination by E-mail address or computer name, tap [Address Search].
- 2 Enter the text you want to search for, then tap [Search].
- 3 Select the destination from the search result.

### Related setting

- You can select whether to differentiate between upper case and lower case characters when searching for a destination (default: [Differentiate]). You can also specify whether to display the check box for switching between case-sensitive and case-indifferent search modes in the search screen (default: [OFF]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys][Utility]".

## Direct input

In [Direct Input], tap the corresponding key of the destination type to which you want to save or send, then enter the destination information.



Purpose	Reference
To send Internet fax	"User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]"
To send IP Address fax	"User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]"

### ⌚ Reference

You can register the destination that you have entered directly into the address book. For details, refer to page 4-7.

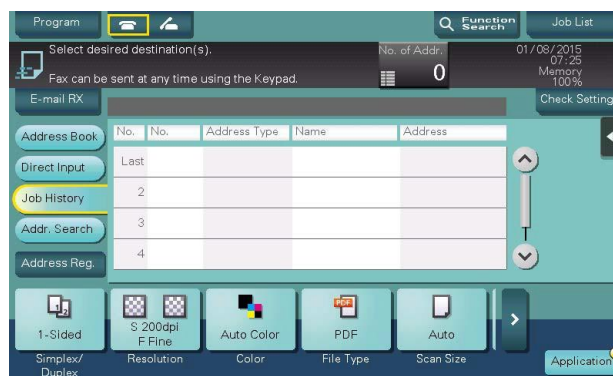
### ⚙️ Related setting (for the administrator)

- You can specify whether to allow the user to directly enter destinations (default: [Allow All]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

## Selecting from the history

In [Job History], select a destination from the history of scan transmission destinations or saved destinations.

The history shows the latest five fax destinations. When necessary, multiple destinations can be selected from the history.



### 💡 Tips

- If a registered destination or a User Box is edited or if the Main Power Switch is turned off or on, information of the history is deleted.

## Searching for an E-mail address through the LDAP server

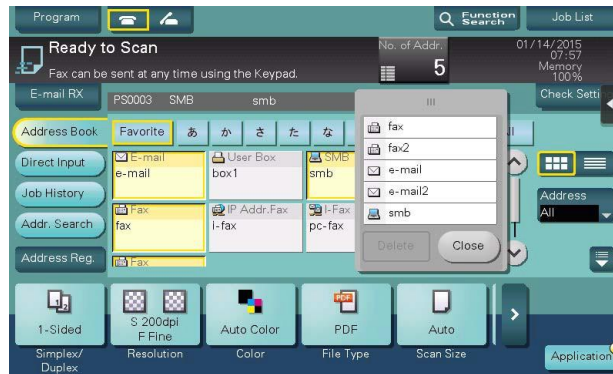
When using the LDAP server or Active Directory of Windows Server, search for an E-mail address through the server.

- ⌚ When using the LDAP server or Active Directory to specify a destination, register the server on this machine. The registration procedure is explained using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Configuring the Scan Environment]".

- 1 Tap [Addr. Search] - [Search] - [Address Search (LDAP)] or [Adv. Search (LDAP)].
  - When searching using a single keyword, tap [Address Search (LDAP)].
  - When searching by combining keywords in different categories, tap [Adv. Search (LDAP)].
- 2 Enter the keyword, then tap [Search].
- 3 Select the destination from the search result.

## Displaying the broadcast destination list

To display the broadcast destination list and check or delete the specified destinations, specify multiple destinations, then tap [No. of Address]. The list display location can be moved by dragging the top of the list.



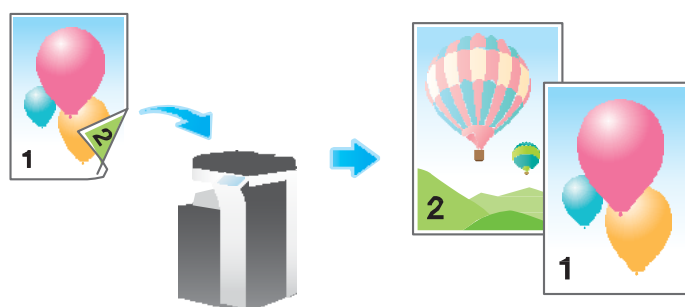
## 1.4 Option Settings for Fax Transmission

### 1.4.1 Basic Options such as Color and Original Size

#### Scanning a 2-sided original ([Simplex/Duplex])

Using the **ADF**, you can automatically scan the front face and back face of an original. Also, you can scan only one side of the first page, then scan both sides for the remaining pages.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



#### Specifying the resolution of an original for scanning ([Resolution])

Select the resolution of the original for scanning.

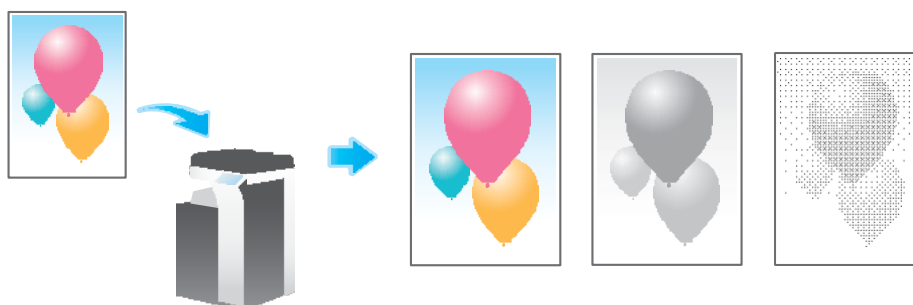
For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".

#### Selecting the color mode to scan the original ([Color])

The original is scanned using the selected color mode.

There are four color modes: [Auto Color] that fits the original color, [Full Color], [Gray Scale], and [Black].

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



#### Specifying the original size for scanning ([Scan Size])

Select the size of the original to be scanned.

There are [Auto] to match the original size, [Inches], [Metric Sizes], [Photo Size], etc. for scan size.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".

## Changing a file name ([File Name/Subject Name/Other])

If necessary, change the file name of the scanned original. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".

When you do not change the file name, the file name is automatically assigned according to the rule of "Initial of the function" + "Device Name" + "Date" + "sequential number" + "Page Number" + "File extension". A file name consists of the following information:

Item	Description
Initial of the function	Indicates the mode used for scanning data. <ul style="list-style-type: none"> <li>• C: Copy</li> <li>• S: Scan/Fax or User Box</li> <li>• P: Print</li> <li>• R: Received fax</li> </ul>
Device Name	The name of this machine registered in [Utility] - [Administrator Settings] - [Administrator/Machine Settings] - [Input Machine Address] - [Device Name].
Date	Indicates the year, month, date, time, and minute that the original is scanned. For example "11050115230" means that the file was scanned on May 1, 2011, 15:23. The last digit (0) indicates the order when file conversion is performed multiple times in a certain minute. If file conversion is performed twice between 15:23 and 24, the last digit appears as 231 and 232.
Sequential number	A sequential number is given when a multi-page original is converted by page, and the number indicates the page number of the original. Page numbers are automatically included in the file name when the file is saved or sent. Consider this part for FTP or other transmission when a FTP server has restriction regarding file names.
File extension	Extension of the file to be saved. An extension is automatically included in the file name when the file is saved or sent.



### Tips

- You cannot specify the file name for IP Address fax.



### Related setting (for the administrator)

- You can change the default file name. You can specify whether to add an initial of the function or whether to specify an arbitrary text instead of the device name. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

## Changing a subject and text of the successful reception E-mail message ([File Name/Subject Name/Other])

When the recipient machine receives an Internet fax, first the fax is printed, then the document that notifies the successful reception of the E-mail message (successful reception E-mail) is printed. This document contains the subject and text that are specified when the fax is sent from this machine.

If desired, you can change the subject and text that is printed in the message signifying successful receipt of the E-mail. By registering multiple fixed phrases for the fixed subject and text, you can use different phrases depending on the destination.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



### Related setting

- You can register a fixed phrase for the subject and text to be printed in the case of successful receipt of an E-mail message. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".



### Related setting (for the administrator)

- Select whether to allow the user to change the From address of the Internet fax sender (default: [Allow]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

## 1.4.2 Settings to Scan Various Types of Originals (Application Settings)

### Scanning originals of different sizes at one time ([Mixed Original])

Even for an original with pages of different sizes, by using the **ADF**, you can scan data while detecting the size of each page.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".

#### **NOTICE**

*Load all the original pages into the **ADF** so that the tops of the pages are at the back or left side of the machine.*



### Scanning an original that is thinner than plain paper ([Thin Paper Original])

Reduce the original feed speed of the **ADF** to prevent thin paper from getting caught.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



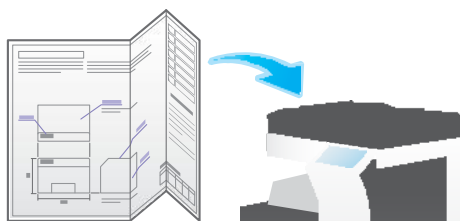
### Scan originals with folds ([Z-Folded Original])

Even the original sizes of folded originals can be detected accurately. If a folded original is loaded into the **ADF**, its size may not be detected correctly. To scan a folded original through the **ADF**, use [Z-Folded Original].

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".

#### **NOTICE**

*Unfold folded originals before loading them into the **ADF**. If a folded original is not unfolded before scanning, a paper jam may occur or the size may not be correctly detected.*



## Scan a long original ([Long Original])

Load the long original that cannot be placed on the **Original Glass** and that is larger in the feeding direction than the full standard size (A3 or 11 e 17) into the **ADF**. There is no need to enter the original size in advance: the **ADF** will detect the size automatically.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



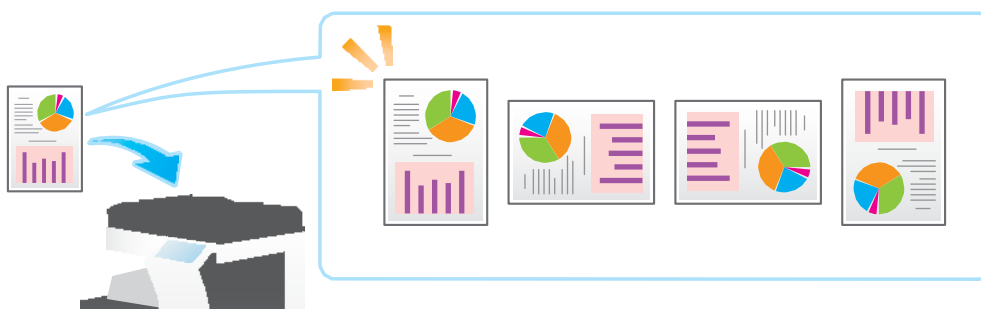
### Tips

- This function is available if the Web browser function is disabled. When the optional **Extension Memory** is installed, this function is available regardless of whether the Web browser function is enabled or disabled.

## Specifying the original loading direction ([Original Direction])

When scanning a 2-sided original etc., you can specify the direction in which the original is loaded so that the vertical direction is set correctly.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



## Specifying the original binding position ([Binding Position])

When scanning a 2-sided original, specify the original binding position in [Binding Position] to prevent the binding positions from being reversed between the front and rear faces.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



### Scanning while removing dust in the slit glass ([Despeckle])

When scanning an original through **ADF**, scanning of original and dust removal from the **Slit Scan Glass** are performed alternately, so that the original is always scanned using clean **Slit Scan Glass**.

It takes longer to finish scanning of originals, compared to the normal operation.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".

### Splitting the left and right pages of a book and catalog ([Book Original])

You can scan two-page spreads such as books and catalogs separately into the left and right pages, or scan them as one page. If you place a book or catalog on the **Original Glass**, you do not need to close the **ADF** to scan it.

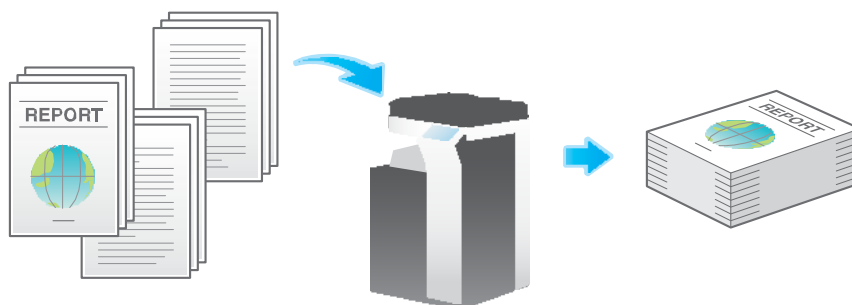
For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



### Scanning a number of originals ([Separate Scan])

If the number of original sheets is so large that they cannot be loaded into the **ADF** at the same time, you can load them in several batches and handle them as one job.

In [Separate Scan], you can switch between **ADF** and **Original Glass** to scan the originals.



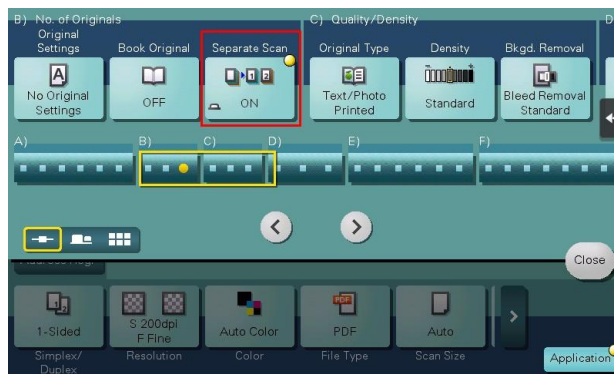
- 1 Load the original.

#### NOTICE

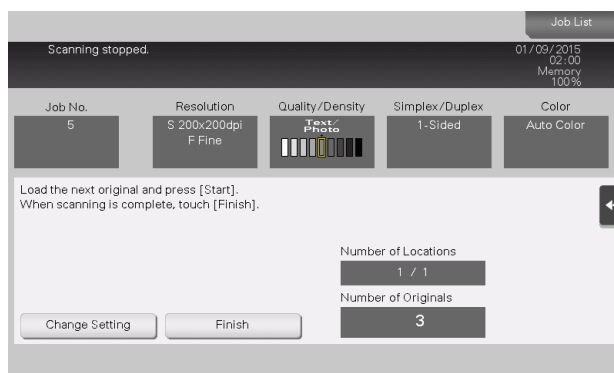
*Do not load more than 100 sheets at a time into the original tray, and do not load the sheets up to the point where the top of the stack is higher than the , mark. Doing so may cause an original paper jam, damage the originals, and/or cause an **ADF** failure.*



- 2 Tap [Application] - [No. of Originals] - [Separate Scan], and set to [ON].



- 3 Press the **Start** key.  
The original is scanned.
- 4 Load the next original, then press the **Start** key.  
→ If desired, tap [Change Setting] to change the option settings according to the new original.



- 5 Repeat Step 4 until all originals are scanned.
- 6 After all originals have been scanned, tap [Finish], and press the **Start** key.  
Transmission begins.



#### Related setting

- Select whether to always scan originals continuously without specifying [Separate Scan] when scanning originals using the **Original Glass** (Default value: [No]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### 1.4.3 Adjusting Image Quality Level/Density (Application Settings)

## Selecting the appropriate image quality for the contents of the original ([Original Type])

Select the appropriate image quality level for the original and scan at the optimal level of image quality.

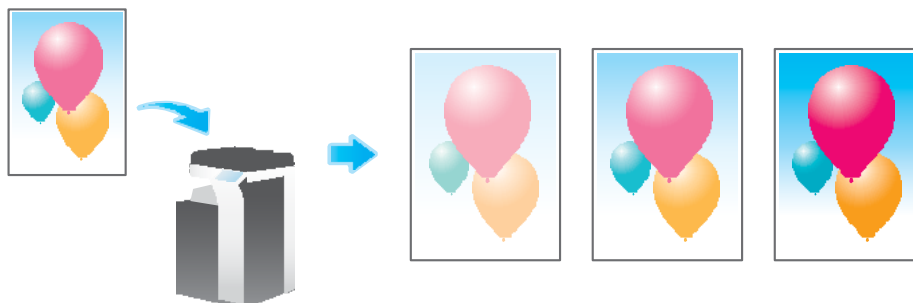
For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



## Adjusting the density to scan the original ([Density])

Select the scan density (dark, light) of the original.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



## Adjusting the background density of the original ([Bkgd. Removal])

You can adjust the density of the background area for originals with colored backgrounds (newspaper, recycled paper, etc.) or originals that are so thin that text or images on the back would be scanned.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



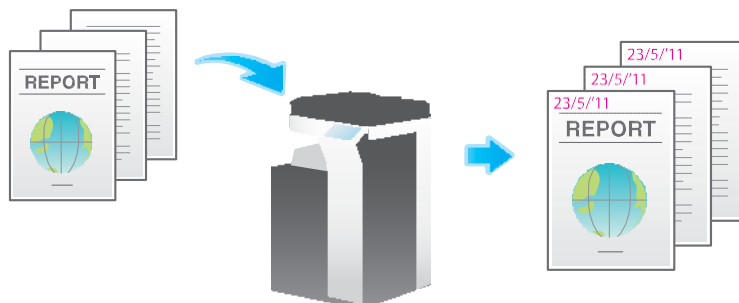
### 1.4.4 Adding a Stamp/Page Number (Application Settings)

#### Adding the date and time ([Date/Time])

Select the stamping position and representation, and add the date and time the original is scanned.

The date and time can be printed either on all pages or only on the first page.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



#### Tips

- This function is available if the Web browser function is disabled. When the optional **Extension Memory** is installed, this function is available regardless of whether the Web browser function is enabled or disabled.



#### Related setting (for the administrator)

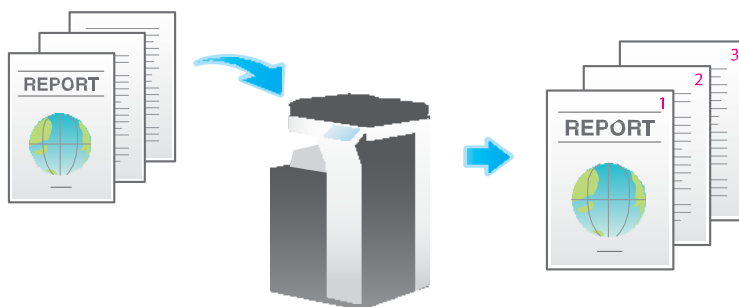
- You can specify whether to cancel the settings of [Date/Time] when sending a fax (default: [Cancel]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

#### Adding the page number ([Page Number])

Select the stamping position and format, and add page and chapter numbers.

Page and chapter numbers are printed on all pages.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



#### Tips

- This function is available if the Web browser function is disabled. When the optional **Extension Memory** is installed, this function is available regardless of whether the Web browser function is enabled or disabled.



#### Related setting (for the administrator)

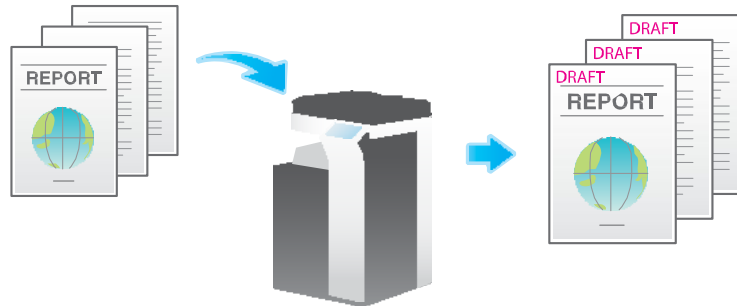
- You can specify whether to cancel the settings of [Page Number] when sending a fax (default: [Cancel]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

## Adding a stamp ([Stamp])

Text such as "PLEASE REPLY" and "DO NOT COPY" are printed on the first page or all pages. You can select the text to be added from the registered fix stamps and arbitrary registered stamps.

Since text is added without modifying the original, it is convenient to handle important documents on which addition or modification is not permitted.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



### Tips

- This function is available if the Web browser function is disabled. When the optional **Extension Memory** is installed, this function is available regardless of whether the Web browser function is enabled or disabled.



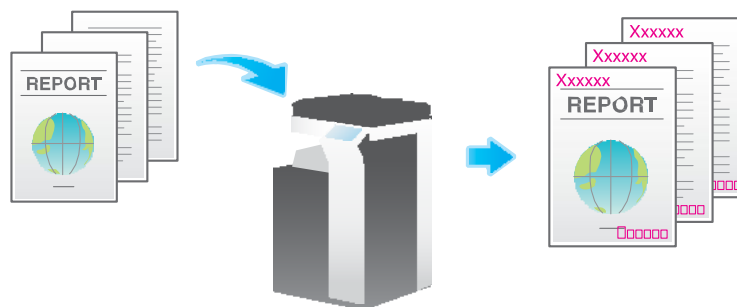
### Related setting (for the administrator)

- You can specify whether to cancel the settings of [Stamp] when sending a fax (default: [Cancel]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

## Adding information to the header/footer ([Header/Footer])

Add the date, time and any other desired text in the top and bottom margins (header/footer) of the specified page. You must register the information to be added for the header and footer in advance on this machine.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



### Tips

- This function is available if the Web browser function is disabled. When the optional **Extension Memory** is installed, this function is available regardless of whether the Web browser function is enabled or disabled.



### Related setting (for the administrator)

- For details on how to register the information to be added for header and footer, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".
- You can specify whether to cancel the settings of [Header/Footer] when sending a fax (default: [Cancel]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### Printing TX Stamp on scanned originals ([TX Stamp])

When scanning originals using the **ADF**, a TX Stamp is printed on a scanned original to certify that the original has been scanned.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".

#### **NOTICE**

*This function is not available for originals that must be kept clean.*



#### **Tips**

- The optional **Stamp Unit** is required to print TX Stamps.
- The ink used for stamping is consumables. If the ink becomes faint, contact your service representative.

### 1.4.5 Other Option Settings (Application Settings)

#### Scanning after erasing text and shadows in the margins of an original ([Frame Erase])

Erases an area of an identical specified width along the four sides of an original. You can specify the width to be erased for each side.

This is convenient when you want to erase the reception record of the header and footer of a fax, or shadow of punch holes on the original.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".

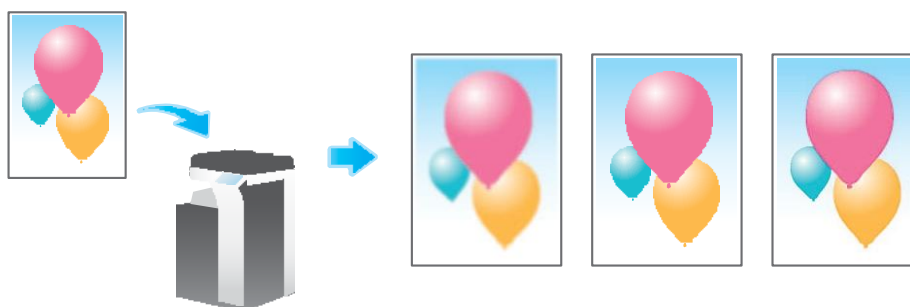


### Sharpening the boarder between text etc. ([Sharpness])

Sharpen the edges of the image such as text in the table and graphic, to improve legibility.

Smoothen rough contours of an image or sharpen blurred images.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



### Sending and printing at the same time ([Save & print])

You can print at the same time when sending an Internet fax or IP address fax.

Even if a colored original is scanned, it is printed in black and white.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".

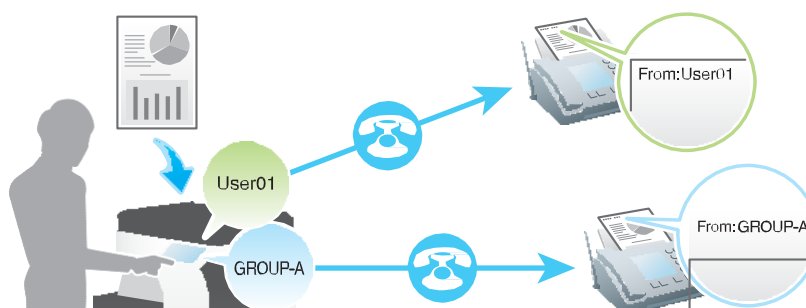


### Changing the sender name before sending a fax ([Fax Header Settings])

Add the sender information to the scanned original data such as machine name, company name (sender name), and E-mail address.

The sender name, which is specified by default, is automatically added to a fax. If multiple sender names are registered, you can change the default sender name.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Scan/Fax]".



#### Related setting (for the administrator)

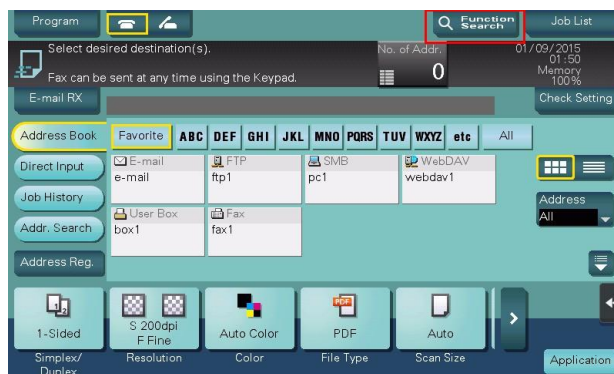
- By registering multiple sender names, you can use different sender names depending on the destination. For details on how to register, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

- You can specify the position where to print sender information (default: [Outside Body Text]). When necessary, you can disable printing of the sender information. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

## 1.5 Searching for fax function settings

You can search for fax function settings and go to the target function screen from the search result.

### 1 Tap [Function Search].



### 2 Enter the search keyword (using up to 32 characters).

→ When the keyword is entered, searching begins, and the search result is updated.

### 3 Select the target item from the search result list.

The display moves to the target function screen.



#### Tips

- Settings for the copy function or fax/scan function are targeted for searching.



#### Related setting

- You can specify whether to use the search function (default: [Search On]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".







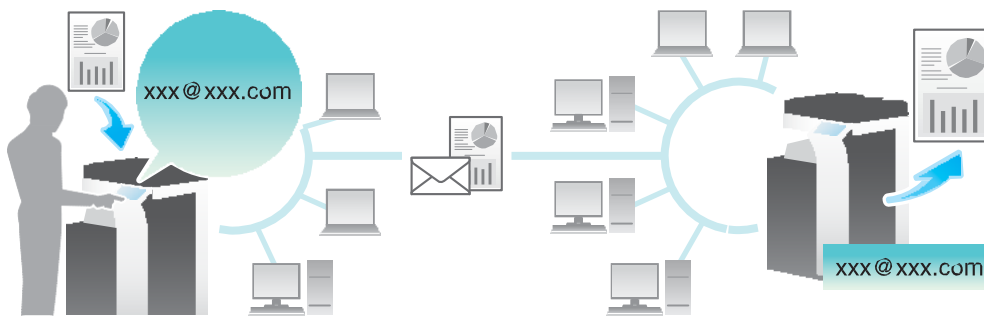
## **Sending and Receiving an Internet Fax**

## 2 Sending and Receiving an Internet Fax

### 2.1 Internet Fax Functions

Internet fax is a function used to send and receive fax via enterprise network and Internet.

The same network as the one used by the computers is used to transmit faxes. Therefore, you can send and receive faxes to/from distant locations without having to worry about high communication costs or sending a large number of pages.



The following describes the precautions for using the Internet Fax.

- Internet Fax must be configured by your service representative. For details, contact your service representative.
- The **Hard Disk** is optional in some areas. To use Internet fax, the optional **Hard Disk** must be installed on this machine.
- Internet fax is sent or received via E-mail. Prepare a dedicated Internet fax E-mail address for this machine.
- Connect this machine to a network that is capable of sending and receiving E-mail messages.
- Provide fax transmission in color, gray scale and black and white.
- Received documents in black and white can be printed, but received documents in color or gray scale are discarded and not printed.

## 2.2 Setting up for Internet Fax (for the Administrator)

### 2.2.1 Preparation Flow

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#### Connecting this machine to the network

- **Checking the LAN cable connection**
  - **Checking the network settings**
    - Check that an IP address is assigned to this machine.
- 




---

#### Setting up the environment to send and receive Internet fax

- **Configuring the Internet fax environment**
    - Enable the Internet fax function. In addition, specify the information of this machine and settings required to send and receive E-mail.
  - **Registering the sender information**
    - Register the machine name, company name, etc. to be printed on faxes.
  - **Setting the date and time for the machine**
    - Set the date and time on this machine to be printed on sent and received faxes.
- 




---

#### Configuring the machine to your environment

- **Registering a frequently used destination**
    - This will save you the trouble of entering a destination each time you send data.
  - **Using an LDAP server to specify addresses**
    - When the LDAP server or Active Directory is used, you can search for a destination on the server.
  - **Registering a subject and text of the successfully received E-mail message**
    - Registering a subject and text of an E-mail message will save you the trouble of entering this information each time you send a fax.
  - **Registering prefixes and suffixes for destination**
    - By registering E-mail address prefixes and suffixes, you can simplify enter E-mail address.
  - **Using the SMTP authentication**
    - This machine supports the SMTP authentication. Configure the setting if your environment requires the SMTP authentication.
  - **Using the POP before SMTP authentication**
    - This machine supports the POP before SMTP authentication. Configure the setting if your environment requires the POP before SMTP authentication.
  - **Using an SSL/TLS communication**
    - This machine supports the SMTP over SSL and Start TLS. Configure the setting if your environment requires SSL encryption communication with the mail server.
  - **Checking a fax reception**
    - You can check that the fax is received by the recipient machine with message. (In normal circumstances, you can use this function by default.)
- 




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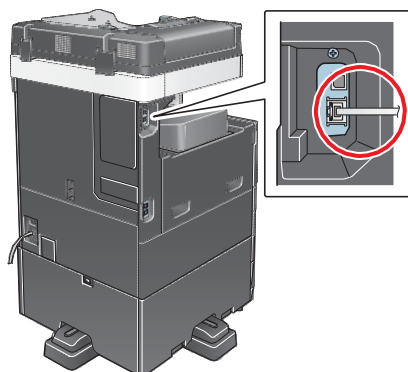
#### Preparation finished

---

## 2.2.2 Operations Required to Use This Function

### Checking a LAN cable for connection

Check that a LAN cable connected to the network is connected to the LAN port of this machine.



### Checking the network settings

Check that an IP address is assigned to this machine. Tap [Utility] - [Device Information], and check that an IP address is displayed.

#### ⓘ Reference

*If no IP address is displayed, you will need to configure the network. For details, refer to "User's Guide[Web Management Tool]/[Operations Required to Use Web Connection]".*

### Configuring the Internet fax environment

Enable the Internet fax function. In addition, specify the information of this machine and settings required to send and receive E-mail.

How to configure the setting is explained using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Configuring the Network Fax Environment]".

### Registering the sender information

Register the machine name, company name, etc. to be printed on faxes.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### Setting the date and time for the machine

Set the date and time on this machine to be printed on sent and received faxes.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

#### ⓘ Reference

*If an NTP (Network Time Protocol) is used to set the time, the date and time on this machine can be automatically adjusted. How to configure the setting is explained using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Configuring Basic Information Settings of this Machine]".*

### 2.2.3 Option Settings

#### Registering a frequently used destination

Registering a frequently-used E-mail address to this machine as destination will save you the trouble of entering each time you send a fax.

For details on how to register, refer to page 4-2.

#### Using an LDAP server to specify addresses

When the LDAP server or Active Directory is used for user management, you can search for or specify E-mail address on the server. To use the LDAP server to specify a destination, you must register the server on this machine.

How to register is explained using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Configuring the Scan Environment]".

#### 🕒 Reference

For details on how to search using the LDAP server, refer to page 1-13.

#### Registering a subject and text of the successful reception E-mail message

When the recipient machine receives an Internet fax, first the fax is printed, then the document that notifies the successful reception of the E-mail message (successful reception E-mail) is printed. This document contains the subject and text that are specified when the fax is sent from this machine.

By registering multiple fixed phrases of subject and text, you can use different phrases depending on the destination.

For details on how to register, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

#### Registering prefixes and suffixes for destination

Register a prefix and suffix of an E-mail address.

If you frequently send E-mail to the addresses belonging to the same organization, register the text after the @ symbol (domain name). By registering a domain name, you can recall the registered domain name to complement E-mail address entry.

This will help to prevent input errors of E-mail addresses with long domain names.

For details on how to register, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

#### Using the SMTP authentication

This machine supports the SMTP authentication. Configure the setting if your environment requires the SMTP authentication.

How to configure the setting is explained using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Configuring the Scan Environment]".

#### Using the POP before SMTP authentication

This machine supports the POP before SMTP authentication. Configure the setting if your environment requires the POP before SMTP authentication.

How to configure the setting is explained using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Configuring the Scan Environment]".

#### SSL/TLS communication

This machine supports the SMTP over SSL and Start TLS. Configure the setting if your environment requires SSL encryption communication with the mail server.

How to configure the setting is explained using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Configuring the Scan Environment]".

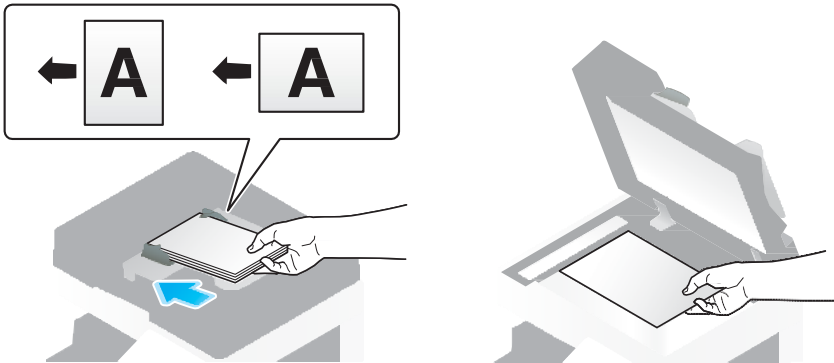
### Checking a fax reception

Configure the settings for requesting or responding to the result of sent and received Internet fax, and the setting regarding the exchange of capability information between machines. (In normal circumstances, you can use this function by default.)

How to configure the setting is explained using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Configuring the Network Fax Environment]".

## 2.3 How to Send a Fax

1 Load the original.

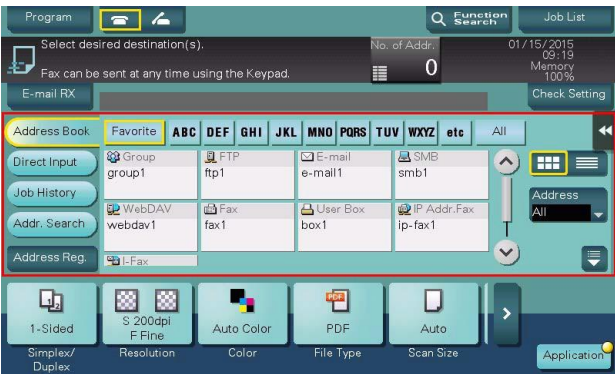


2 Tap [Scan/Fax].



3 Specify the destination E-mail address.

- For details on how to specify a destination, refer to page 1-11.
- Specifying multiple destinations carries out computer sending and fax transmission simultaneously.



- If necessary, you can change the display of the main screen in fax/scan mode (default: [Address Book]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

4 Configure the option settings for fax transmission as necessary.

- For details on configuring option settings, refer to the respective columns of the following table.

Purpose	Reference
To configure basic options such as color and original size	page 1-15



Purpose	Reference
To configure options to scan various types of originals such as various sizes and books	page 1-17
To adjust the image quality level of the original such as colored background (news-paper, etc.) or light printing original	page 1-20
To print date/time and page number	page 1-22
Other option settings	page 1-24

## 5 Press the **Start** key.

- Tap [Check Setting] before sending, and check the destination and settings as necessary.
- To redo operations for specifying destinations or option settings, press the **Reset** key.



Transmission begins.

- If you press the **Stop** key while scanning an original, the scanning process stops, and a list of stopped jobs appears. To cancel scanning of the original, delete the job from the list of inactive jobs.



### Tips

- When an Internet fax is sent, the TX result report is printed. With the TX result report, you can check for successful fax transmission.
- When the recipient machine receives an Internet fax, an MDN message that provides notification of successful reception is printed on this machine. You can check whether the fax has been successfully received by reading the MDN message.



### Related setting

- You can change the default options for scan transmission to suit your environment. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

## 2.4 How to Receive a Fax

### Auto reception

The machine automatically inquires the mail server for fax reception status at a predetermined interval (default: 15 minutes). If any fax is received successfully, the machine receives and prints the message.

### ⦿ Reference

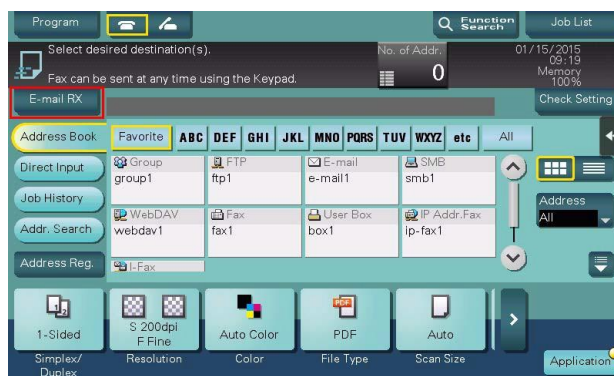
*You can skip printing and forcibly save the received fax to a User Box of this machine. This prevents fax data from being stolen or lost after being printed, and only the necessary fax(es) will be printed. If necessary, you can convert a fax to a computer-compatible file to manually forward it. For details, refer to page 2-11.*

*Received faxes can be forwarded to a pre-specified destination. They can be converted to computer-compatible files for management. For details, refer to page 2-12.*

### Manual reception

The user manually inquires the mail server for fax reception status using the **Touch Panel**.

Tap [E-mail RX] to inquire the mail server, and receive and print any fax receipt message.



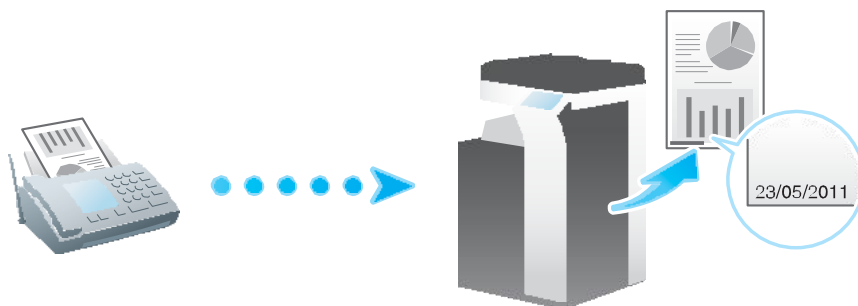
## 2.5 Receiving Options

### 2.5.1 Printing by Adding the Date and Time Received ([Footer Position])

#### Reception information

Reception information contains the date and time of fax reception, the number assigned according to the order of reception (reception number), and page number.

Reception information is added as necessary when a document is printed. You can also select the printing position.



#### Operations required to use this function (for the administrator)

To enable printing of the reception information, select the location where to print the reception information.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### 2.5.2 Saving a Fax Which Cannot Be Printed (In-memory Proxy Reception)

When the machine cannot print a received document due to paper jam or exhaustion of consumables, the received document is stored in the memory until this machine is ready to print.

In-memory proxy reception functions automatically.



#### Tips

- In-memory proxy reception is disabled when the memory is full.
- When the troubleshooting is complete for paper jam etc., the machine starts printing a saved fax.

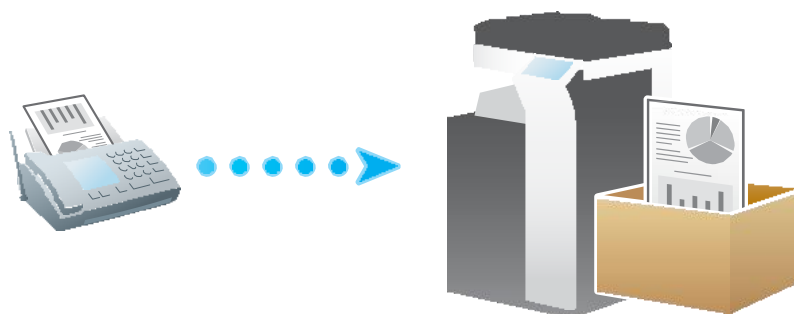
### 2.5.3 Forcibly Saving a Received Fax in a User Box (Memory RX)

#### Memory RX

Memory RX is a function to save a received fax to Memory RX User Box of this machine.

You can check the contents of incoming faxes and print only the required ones, thereby reducing printing costs. This prevents fax data from being stolen or lost after being printed. Because the security is enhanced, you can handle important fax data securely.

If necessary, you can manually forward a required fax. This is convenient for forwarding a fax to a different destination every time depending on the contents of a received fax.



#### Tips

- The memory RX function cannot be used together with the following functions.  
TSI Routing, PC-Fax RX, Forward TX

#### Operations required to use this function (for the administrator)

Enable the Memory RX function. In addition, specify the password for restricting access to Memory RX User Box.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

#### Printing a received fax

To print a fax saved in Memory RX User Box, refer to the Memory RX User Box function.

For details on the printing procedure, refer to "User's Guide[Box Operations]/[Receive Fax in Memory and Print It Later (Memory RX)]".

#### Forwarding a received fax

To forward a fax saved in the Memory RX User Box, browse data in the Memory RX User Box.

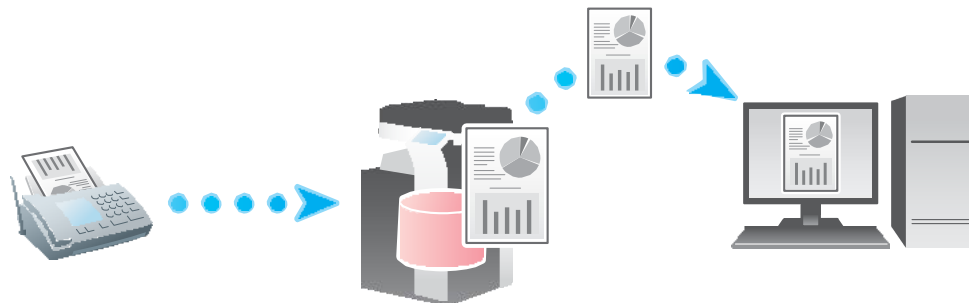
For details on how to send, refer to "User's Guide[Box Operations]/[Receive Fax in Memory and Print It Later (Memory RX)]".

## 2.5.4 Forwarding Received Internet Faxes to Another Destination (Forward TX)

### Forward TX

Forward TX is a function that forwards a received Internet fax to a pre-specified destination.

Faxes can be forwarded to personal E-mail addresses or saved in a shared folder in a computer. It can be handled as a file on a computer, thereby reducing printing costs.



#### Tips

- If the forwarding destination is not a fax address, the received Internet fax can be converted in the specified file format to be forwarded to a destination. The file types able to be specified are PDF, XPS, and TIFF.  
To specify other file types, ask your service representative to configure settings. For details, contact your service representative.
- This function cannot be used together with the following functions.  
Memory RX, PC-Fax RX, TSI Routing

### Operations required to use this function (for the administrator)

Enable the Forward TX function. Also, register destinations to forward received Internet faxes.

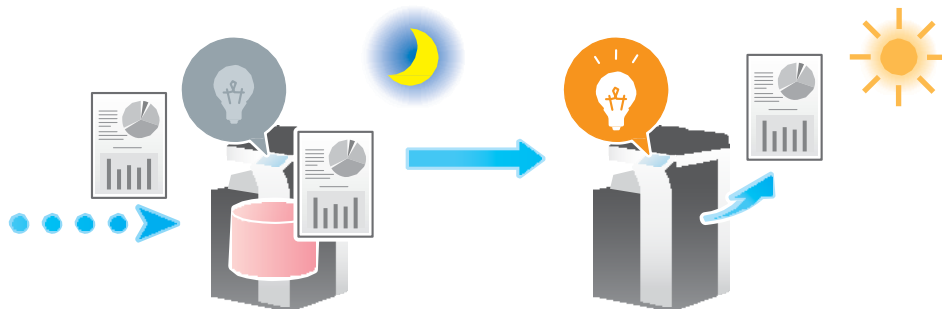
To specify a destination, directly enter the fax number, or select the desired number of destinations registered on this machine. When selecting the desired number of destinations registered on this machine, you can specify the following forward destinations.

- Fax
- E-Mail
- SMB
- FTP
- WebDAV
- User Box
- Internet Fax
- IP Address Fax
- Group

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### 2.5.5 Stopping the Fax Print During Lunch Breaks and at Night

While this machine is inactive, for example, during breaks or night hours on working days, press the **Power** key to set the Sub Power Switch OFF mode, reducing the power consumption. It is impossible to print faxes received in Sub Power OFF mode. To print them, press the **Power** key to release the Sub Power OFF mode.



#### ☉ Reference

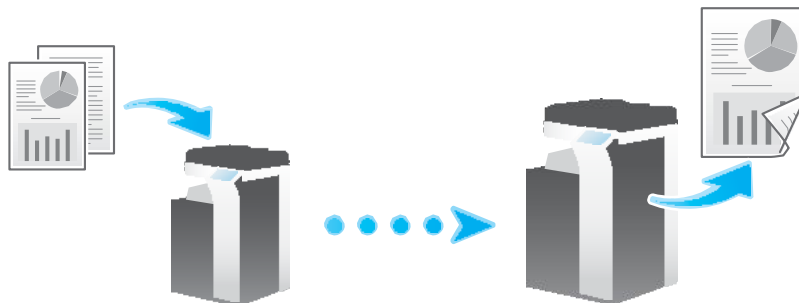
When using this machine in the factory default status, holding down the **Power** key switches the machine to the sub power off status. For details on the procedure to switch to the Sub Power OFF mode, refer to "User's Guide[Introduction]/[Turning the Power On or Off]".

You can use the weekly timer for automatic switching between normal and power save modes. For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### 2.5.6 Printing a Fax on both Sides of Sheets of Paper ([Duplex Print (RX)])

#### Duplex Print (RX)

A fax that contains multiple pages is printed on both sides of sheets of paper to save the number of sheets.



#### Operations required to use this function (for the administrator)

Enable the 2-Sided Print function.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

## 2.5.7 Configuring the Fax Print Settings (for the Administrator)

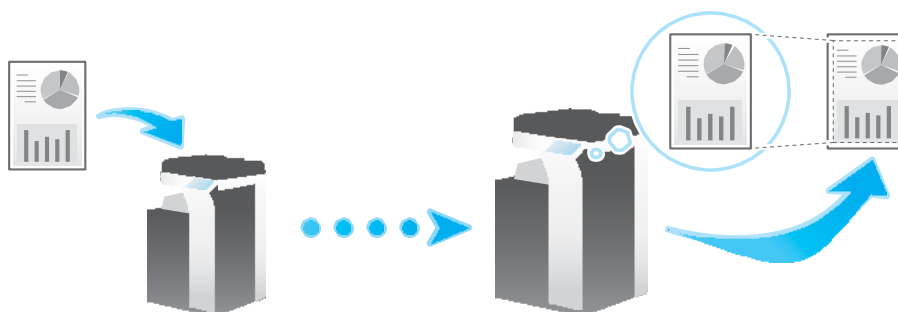
### Default print settings ([Print Paper Selection]/[Min. Reduction for RX Print])

A received fax is printed according to the following conditions depending on the page size of the fax.

A standard-size fax, such as those received in the Letter/A4 size, is printed on the same standard size paper with slight reduction (Default: 96%).

For example, an A3 fax is printed on A3 paper, and a B4 fax on B4 paper, while reducing the print size to 96% respectively.

For details on the fax print settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".



#### Tips

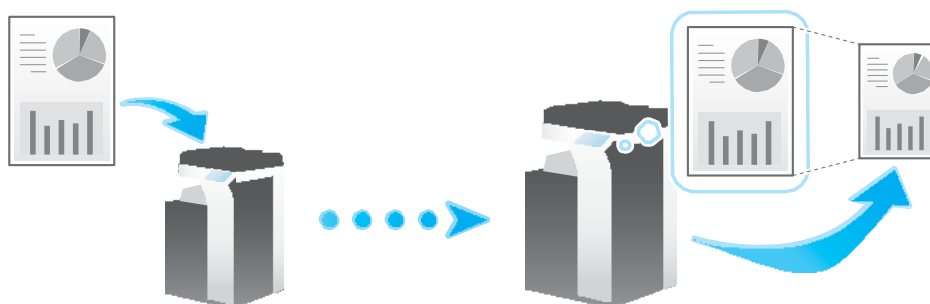
- For faxes that are longer in the longitudinal direction than the standard size, the optimal paper size is determined based on the width and length of the fax, and printed on paper of the same size. If the optimal size paper is not available, the fax is printed on paper of a similar size.

### Fixing the print paper size ([Print Paper Size])

You can always print on the specified size of paper irrespective of the paper size of the received fax.

If the specified print paper size is smaller than the size of the received fax, the fax is reduced to the size of the print paper.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

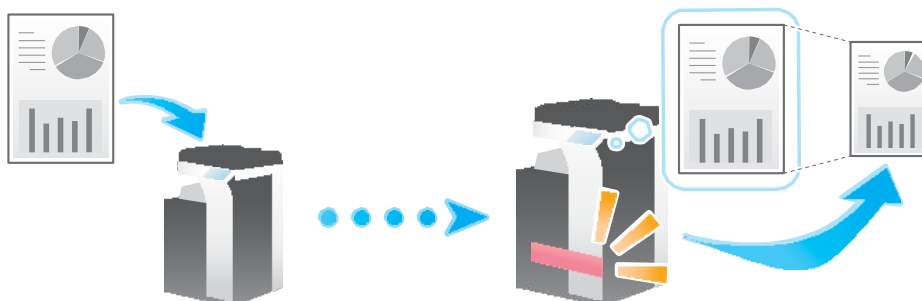


## Fixing the print paper tray ([Tray Selection for RX Print])

You can always print on the paper loaded into the specified tray irrespective of the paper size of the received fax.

If the size of the paper in the specified tray is smaller than the size of the received fax, the fax is reduced to the paper size of the tray.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".



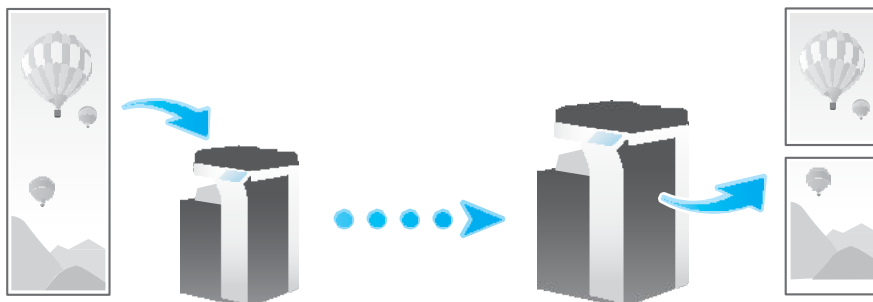
### Tips

- If the tray is specified in [Tray Selection for RX Print], the setting for [Print Paper Size] is ignored ([Print Paper Selection] is automatically switched to [Auto Select]).
- If [Min. Reduction for RX Print] is set to [Full Size], [Tray Selection for RX Print] is compulsory switched to [Auto].

## Splitting a custom size (portrait) fax for printing ([Print Separate Fax Pages])

For faxes that are longer in the longitudinal direction than the standard size, the print size is not reduced, however the area that cannot be fitted to a standard size is printed on the subsequent page.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".



### Tips

- If [Min. Reduction for RX Print] is set to [Full Size], [Print Separate Fax Pages] is compulsory switched to [OFF], and the area that cannot be fitted on a standard size sheet is not printed at all.
- If [Duplex Print (RX)] is [ON], you cannot use [Print Separate Fax Pages].



## 2.6 Printing a Report/List

The report and list functions are provided for this machine to list the machine settings and operation results.

There are reports and lists that are printed automatically and that are printed as necessary. For reports that are printed automatically, you can select the print conditions. The following types of reports and lists are available.

Report name	Description
Activity Report	<p>This report contains results of sent and received faxes. A total of 700 jobs are recorded on separate pages for transmission and reception.</p> <p>The activity report is automatically printed. Records containing only transmission or reception jobs can be printed as required.</p> <p>By default, the report is automatically printed every 100 communications.</p> <ul style="list-style-type: none"> <li>You can change printing conditions as necessary. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>
TX Result Report	<p>This report contains the results of fax transmission. By default, the report is automatically printed when a transmission failure occurs.</p> <ul style="list-style-type: none"> <li>You can change the print timings if necessary. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>
Broadcast Report	<p>This report contains results of broadcast transmissions. By default, reports are automatically printed for every broadcast transmission.</p> <ul style="list-style-type: none"> <li>You can select whether to print a broadcast report. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> <li>You can change a method to print destinations to be described in a report. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>
Network Fax RX Error Report	<p>This report contains the results of Network Fax reception. By default, reports are automatically printed when a reception failure occurs.</p> <ul style="list-style-type: none"> <li>You can select whether to print an error report. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>
Print MDN Message	<p>A report that notifies of an Internet fax reception by the recipient machine. By default, reports are automatically printed when an MDN (Message Disposition Notifications) message is received.</p> <ul style="list-style-type: none"> <li>Select whether to print an MDN message. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>
Print DSN Message	<p>A report that notifies of an Internet fax reception by the recipient mail server. Reports are automatically printed when a DSN (Delivery Status Notifications) message is received. By default, reports are not printed automatically.</p> <ul style="list-style-type: none"> <li>Select whether to print a DSN message. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>
E-mail Message Body	<p>A report that notifies of successful receipt of an Internet fax by the recipient machine, which is printed subsequent to reception. Reports are printed if the message (subject/text) is attached to the Internet fax. By default, reports are automatically printed.</p> <ul style="list-style-type: none"> <li>Select whether to print a successfully received E-mail. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>
E-Mail Subject/Text List	<p>A list that contains the subject and text of Internet faxes or E-mail messages that are registered as fixed phrases.</p> <ul style="list-style-type: none"> <li>For details on how to print, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>
Job Settings List	<p>This list contains the details of [Fax Settings].</p> <ul style="list-style-type: none"> <li>For details on how to print, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>

### ⦿ Reference

You can also print activity reports in the [Job List] screen. For details on the [Job List] screen, refer to "User's Guide[Control Panel]/[Operations of Touch Panel and Explanation of Major Screens]".



### Related setting (for the administrator)

- You can select whether to describe a job number on an activity report, TX result report, or broadcast report (default: [OFF]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".



## **Sending and Receiving an IP Address Fax**

## 3 Sending and Receiving an IP Address Fax

### 3.1 IP Address Fax Function

IP Address Fax is a function used to send and receive faxes within a limited network such as an enterprise network.

Specify an IP address for the destination. The same network as the one used by the computers is used to transmit faxes. Therefore, communication costs are not charged as they are for normal faxes.

In addition to IP address, you can also use a host name and E-mail address to specify the destination.



The following describes the precautions for using the IP Address Fax.

- IP Address Fax must be configured by your service representative. For details, contact your service representative.
- The **Hard Disk** is optional in some areas. To use the IP Address Fax function, the optional **Hard Disk** and **Fax Kit** must be installed in this machine.
- Provide fax transmission in color, gray scale and black and white.
- When a document in TIFF (Profile-C) format is received, the data is discarded and not printed.

## 3.2 Setting up for IP Address Fax (for the Administrator)

### 3.2.1 Preparation Flow

---

#### Connecting this machine to the network

- **Checking the LAN cable connection**
  - **Checking the network settings**
    - Check that an IP address is assigned to this machine.
- 



---

#### Setting up the environment for IP address fax

- **Configuring the IP address fax environment**
    - Enable the IP address fax function. In addition, configure the sending and receiving functions of this machine (SMTP) and the operation mode for IP address fax.
  - **Registering the sender information**
    - Register the machine name, department name, etc. to be printed on faxes.
  - **Setting the date and time for the machine**
    - Set the date and time on this machine to be printed on sent and received faxes.
- 



---

#### Configuring the machine to your environment

- **Registering a frequently used destination**
    - This will save you the trouble of entering a destination each time you send a fax.
- 



---

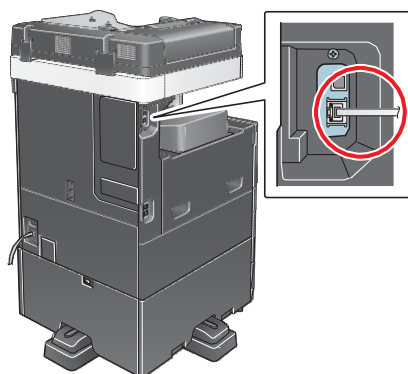
#### Preparation finished

---

### 3.2.2 Operations Required to Use This Function

#### Checking a LAN cable for connection

Check that a LAN cable connected to the network is connected to the LAN port of this machine.



#### Checking the network settings

Check that an IP address is assigned to this machine. Tap [Utility] - [Device Information], and check that an IP address is displayed.

#### ⌚ Reference

*If no IP address is displayed, you will need to configure the network. For details, refer to "User's Guide[Web Management Tool]/[Operations Required to Use Web Connection]".*

## Configuring the IP address fax environment

Enable the IP address fax function. In addition, configure the sending and receiving functions of this machine (SMTP) and the operation mode for IP address fax.

How to configure the setting is explained using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Configuring the Network Fax Environment]".

## Registering the sender information

Register the machine name, company name, etc. to be printed on faxes.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

## Setting the date and time for the machine

Set the date and time on this machine to be printed on sent and received faxes.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### ☉ Reference

*If an NTP (Network Time Protocol) is used to set the time, the date and time on this machine can be automatically adjusted. How to configure the setting is explained using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Configuring Basic Information Settings of this Machine]".*

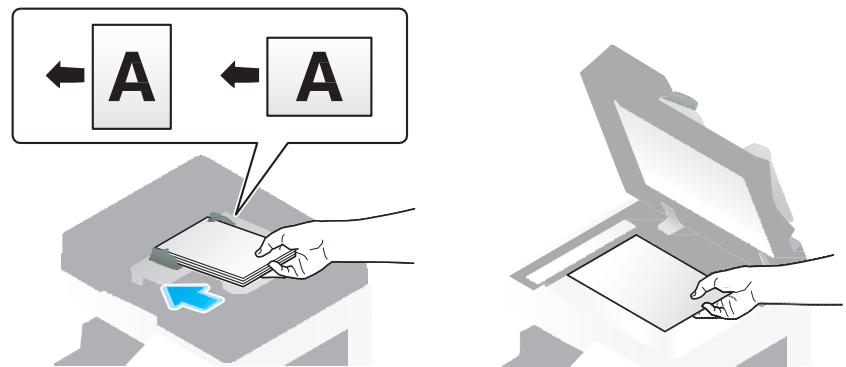
### 3.2.3 Option settings

Registering a frequently-used IP address to this machine as destination will save you the trouble of entering each time you send a fax.

For details on how to register, refer to page 4-3.

### 3.3 How to Send a Fax

1 Load the original.

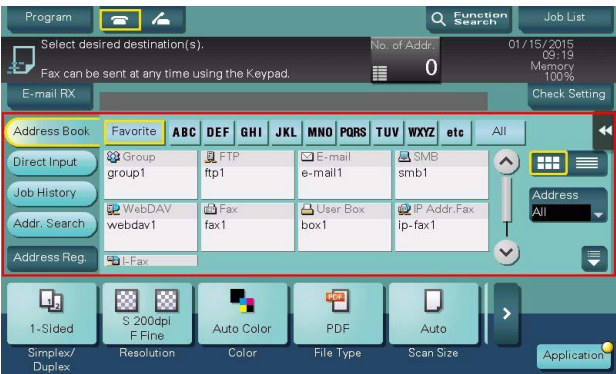


2 Tap [Scan/Fax].



3 Specify the destination IP address.

- For details on how to specify a destination, refer to page 1-11.
- Specifying multiple destinations carries out computer sending and fax transmission simultaneously.



- If necessary, you can change the display of the main screen in fax/scan mode (default: [Address Book]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

4 Configure the option settings for fax transmission as necessary.

- For details on configuring option settings, refer to the respective columns of the following table.

Purpose	Reference
To configure basic options such as color and original size	page 1-15

Purpose	Reference
To configure options to scan various types of originals such as various sizes and books	page 1-17
To adjust the image quality level of the original such as colored background (news-paper, etc.) or light printing original	page 1-20
To print date/time and page number	page 1-22
Other option settings	page 1-24

- 5** Press the **Start** key.
- Tap [Check Setting] before sending, and check the destination and settings as necessary.
  - To redo operations for specifying destinations or option settings, press the **Reset** key.



Transmission begins.

- If you press the **Stop** key while scanning an original, the scanning process stops, and a list of stopped jobs appears. To cancel scanning of the original, delete the job from the list of inactive jobs.



#### **Related setting**

- You can change the default options for scan transmission to suit your environment. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

## 3.4 Sending Options

### 3.4.1 Resending a Fax

#### Auto resending (Auto redial)

If a fax transmission fails due to a network or recipient machine problem, the machine automatically resends (redials) the fax after a certain period of time has elapsed. By default, the machine redials up to three times at three-minute intervals.



#### Related setting (for the administrator)

- You can change the number of redials to take place in auto redialing. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".
- You can change the automatic redial interval (default: [3 min.]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

#### Manual resending

A failed fax transmission is handled as reserved job pending for resending (redial).

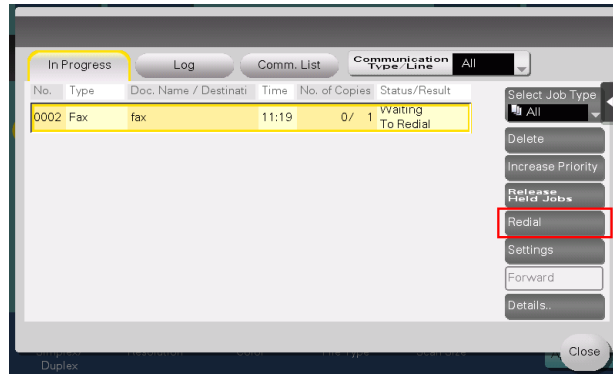
Pending jobs for resending are resent automatically after a certain period of time has elapsed using the auto redial function. However, you can manually resend the fax.

- 1 Tap [Job List].





- 2 Select a job you wish to resend then tap [Redial].



- 3 Press the **Start** key.  
Transmission begins.

## 3.5 How to Receive a Fax

IP address faxes are sent and received directly between machines. This machine prints data automatically when a fax is received.

### ⦿ **Reference**

*You can skip printing and forcibly save the received fax to a User Box of this machine. This prevents fax data from being stolen or lost after being printed, and only the necessary fax(es) will be printed. If necessary, you can convert a fax to a computer-compatible file to manually forward it. For details, refer to page 3-11.*

*Received faxes can be forwarded to a pre-specified destination. They can be converted to computer-compatible files for management. For details, refer to page 3-12.*

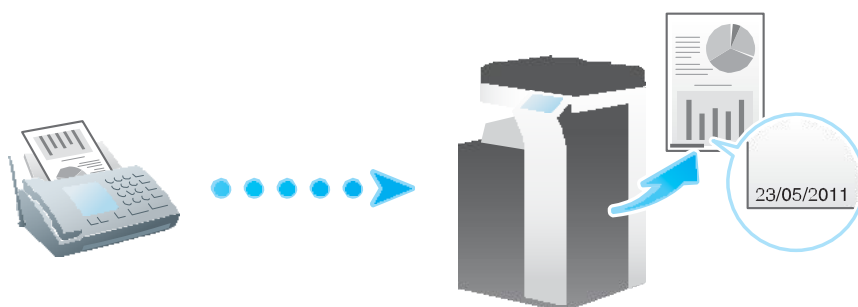
## 3.6 Receiving Options

### 3.6.1 Printing by Adding the Date and Time Received ([Footer Position])

#### Reception information

Reception information contains the date and time of fax reception, the number assigned according to the order of reception (reception number), and page number.

Reception information is added as necessary when a document is printed.



#### Operations required to use this function (for the administrator)

To enable printing of the reception information, select the location where to print the reception information.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".



#### Tips

- For IP address fax, the reception information is printed within a original.

### 3.6.2 Saving a Fax Which Cannot Be Printed (In-memory Proxy Reception)

When the machine cannot print a received document due to paper jam or exhaustion of consumables, the received document is stored in the memory until this machine is ready to print.

In-memory proxy reception functions automatically.



#### Tips

- In-memory proxy reception is disabled when the memory is full.
- When the troubleshooting is complete for paper jam etc., the machine starts printing a saved fax.

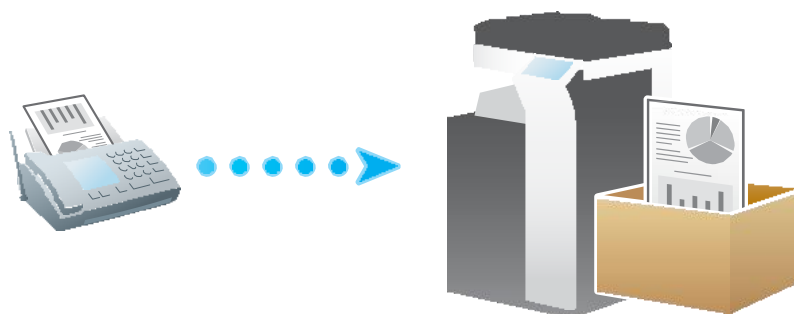
### 3.6.3 Forcibly Saving a Received Fax in a User Box (Memory RX)

#### Memory RX

Memory RX is a function to save a received fax to Memory RX User Box of this machine.

You can check the contents of incoming faxes and print only the required ones, thereby reducing printing costs. This prevents fax data from being stolen or lost after being printed. Because the security is enhanced, you can handle important fax data securely.

If necessary, you can manually forward a required fax. This is convenient for forwarding a fax to a different destination every time depending on the contents of a received fax.



#### Tips

- The memory RX function cannot be used together with the following functions.  
TSI Routing, PC-Fax RX, Forward TX

#### Operations required to use this function (for the administrator)

Enable the Memory RX function. In addition, specify the password for restricting access to Memory RX User Box.

For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

#### Printing a received fax

To print a fax saved in Memory RX User Box, refer to the Memory RX User Box function.

For details on the printing procedure, refer to "User's Guide[Box Operations]/[Receive Fax in Memory and Print It Later (Memory RX)]".

#### Forwarding a received fax

To forward a fax saved in the Memory RX User Box, browse data in the Memory RX User Box.

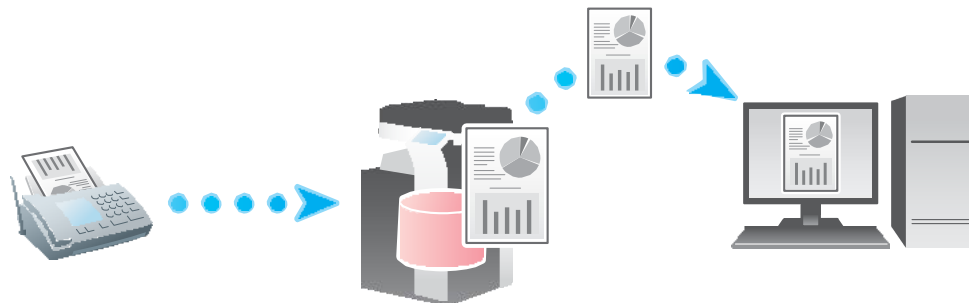
For details on how to send, refer to "User's Guide[Box Operations]/[Receive Fax in Memory and Print It Later (Memory RX)]".

### 3.6.4 Forwarding Received IP Address Faxes to Another Destination (Forward TX)

#### Forward TX

Forward TX is a function that forwards a received IP address fax to a pre-specified destination.

Faxes can be forwarded to personal E-mail addresses or saved in a shared folder in a computer. It can be handled as a file on a computer, thereby reducing printing costs.



#### Tips

- If the forwarding destination is not a fax address, the received IP address fax can be converted in the specified file format to be forwarded to a destination. The file types able to be specified are PDF, XPS, and TIFF.  
To specify other file types, ask your service representative to configure settings. For details, contact your service representative.
- This function cannot be used together with the following functions.  
Memory RX, PC-Fax RX, TSI Routing

#### Operations required to use this function (for the administrator)

Enable the Forward TX function. Also, register destinations to forward received IP address faxes.

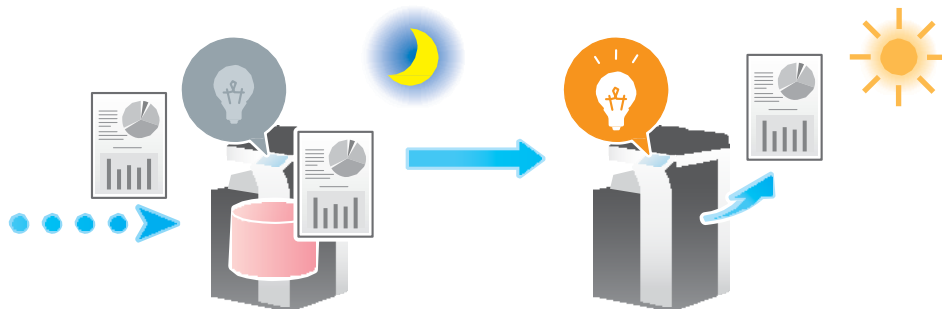
To specify a destination, directly enter the fax number, or select the desired number of destinations registered on this machine. When selecting the desired number of destinations registered on this machine, you can specify the following forward destinations.

- Fax
- E-Mail
- SMB
- FTP
- WebDAV
- User Box
- Internet Fax
- IP Address Fax
- Group

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### 3.6.5 Stopping the Fax Print During Lunch Breaks and at Night

While this machine is inactive, for example, during breaks or night hours on working days, press the **Power** key to set the Sub Power Switch OFF mode, reducing the power consumption. It is impossible to print faxes received in Sub Power OFF mode. To print them, press the **Power** key to release the Sub Power OFF mode.



#### ☉ Reference

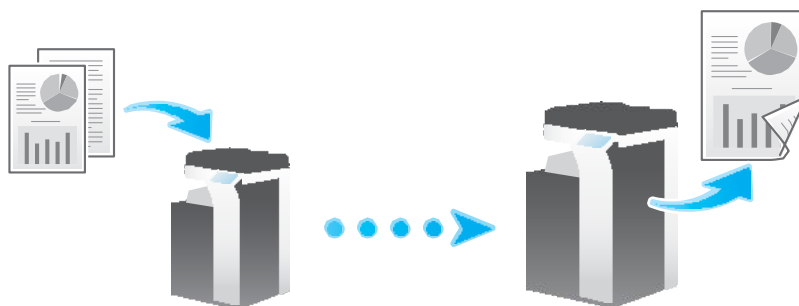
When using this machine in the factory default status, holding down the **Power** key switches the machine to the sub power off status. For details on the procedure to switch to the Sub Power OFF mode, refer to "User's Guide[Introduction]/[Turning the Power On or Off]".

You can use the weekly timer for automatic switching between normal and power save modes. For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### 3.6.6 Printing a Fax on both Sides of Sheets of Paper ([Duplex Print (RX)])

#### Duplex Print (RX)

A fax that contains multiple pages is printed on both sides of sheets of paper to save the number of sheets.



#### Operations required to use this function (for the administrator)

Enable the 2-Sided Print function.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### 3.6.7 Configuring the Fax Print Settings (for the Administrator)

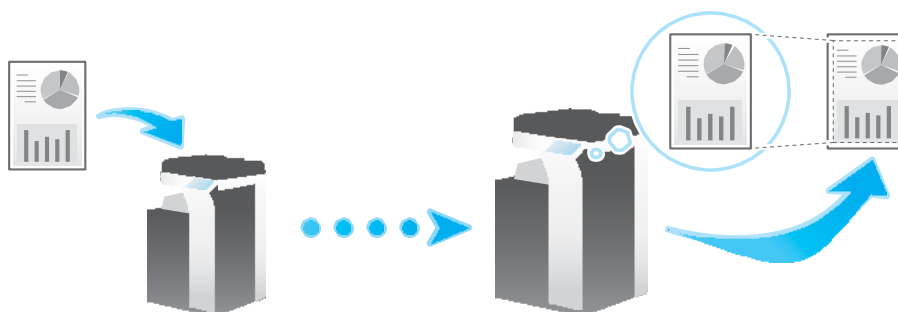
#### Default print settings ([Print Paper Selection]/[Min. Reduction for RX Print])

A received fax is printed according to the following conditions depending on the page size of the fax.

A standard-size fax, such as those received in the Letter/A4 size, is printed on the same standard size paper with slight reduction (Default: 96→).

For example, an A3 fax is printed on A3 paper, and a B4 fax on B4 paper, while reducing the print size to 96→ respectively.

For details on the fax print settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".



#### Tips

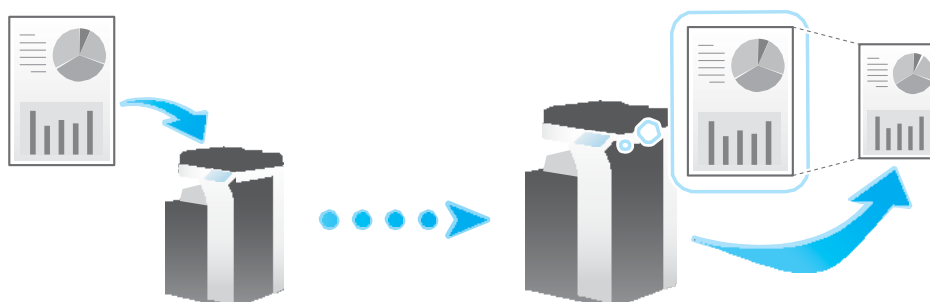
- For faxes that are longer in the longitudinal direction than the standard size, the optimal paper size is determined based on the width and length of the fax, and printed on paper of the same size. If the optimal size paper is not available, the fax is printed on paper of a similar size.

#### Fixing the print paper size ([Print Paper Size])

You can always print on the specified size of paper irrespective of the paper size of the received fax.

If the specified print paper size is smaller than the size of the received fax, the fax is reduced to the size of the print paper.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

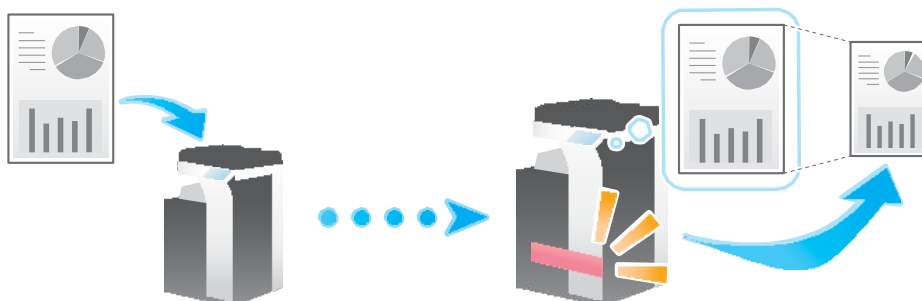


### Fixing the print paper tray ([Tray Selection for RX Print])

You can always print on the paper loaded into the specified tray irrespective of the paper size of the received fax.

If the size of the paper in the specified tray is smaller than the size of the received fax, the fax is reduced to the paper size of the tray.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".



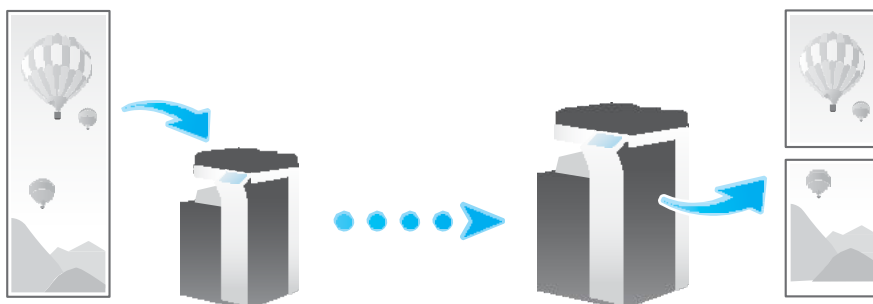
#### Tips

- If the tray is specified in [Tray Selection for RX Print], the setting for [Print Paper Size] is ignored ([Print Paper Selection] is automatically switched to [Auto Select]).
- If [Min. Reduction for RX Print] is set to [Full Size], [Tray Selection for RX Print] is compulsory switched to [Auto].

### Splitting a custom size fax for printing ([Print Separate Fax Pages])

For faxes that are longer in the longitudinal direction than the standard size, the print size is not reduced, however the area that cannot be fitted to a standard size is printed on the subsequent page.

For details on how to configure the settings, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".



#### Tips

- If [Min. Reduction for RX Print] is set to [Full Size], [Print Separate Fax Pages] is compulsory switched to [OFF], and the area that cannot be fitted on a standard size sheet is not printed at all.
- If [Duplex Print (RX)] is [ON], you cannot use [Print Separate Fax Pages].



## 3.7 Printing a Report/List

The report and list functions are provided for this machine to list the machine settings and operation results.

There are reports and lists that are printed automatically and that are printed as necessary. For reports that are printed automatically, you can select the print conditions. The following types of reports and lists are available.

Report name	Description
Activity Report	<p>This report contains results of sent and received faxes. A total of 700 jobs are recorded on separate pages for transmission and reception.</p> <p>The activity report is automatically printed. Records containing only transmission or reception jobs can be printed as required.</p> <p>By default, the report is automatically printed every 100 communications.</p> <ul style="list-style-type: none"> <li>You can change printing conditions as necessary. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>
TX Result Report	<p>This report contains the results of fax transmission. By default, the report is automatically printed when a transmission failure occurs.</p> <ul style="list-style-type: none"> <li>You can change the print timings if necessary. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>
Broadcast Report	<p>This report contains results of broadcast transmissions. By default, reports are automatically printed for every broadcast transmission.</p> <ul style="list-style-type: none"> <li>You can select whether to print a broadcast report. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> <li>You can change a method to print destinations to be described in a report. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>
Network Fax RX Error Report	<p>This report contains the results of Network Fax reception. By default, reports are automatically printed when a reception failure occurs.</p> <ul style="list-style-type: none"> <li>You can select whether to print an error report. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>
Job Settings List	<p>This list contains the details of [Fax Settings].</p> <ul style="list-style-type: none"> <li>For details on how to print, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".</li> </ul>

### ☉ Reference

You can also print activity reports in the [Job List] screen. For details on the [Job List] screen, refer to "User's Guide[Control Panel]/[Operations of Touch Panel and Explanation of Major Screens]".



### Related setting (for the administrator)

- You can select whether to describe a job number on an activity report, TX result report, or broadcast report (default: [OFF]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

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# 4

## Managing Destinations

## 4 Managing Destinations

### 4.1 Registering Frequently Used Destinations (Address Book)

#### 4.1.1 Registering from the Utility

##### Address Book

Registering a frequently used destination on this machine will save you the trouble of having to enter it each time you send a fax. A destination registered on this machine is called an "Address Book".

You can register up to 2000 destinations can be registered in the address book. The destination types that can be registered are E-mail address, computer name, etc. depending on the transmission mode.



##### Related setting (for the administrator)

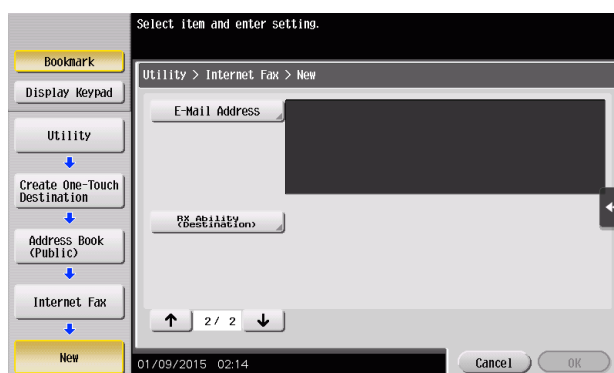
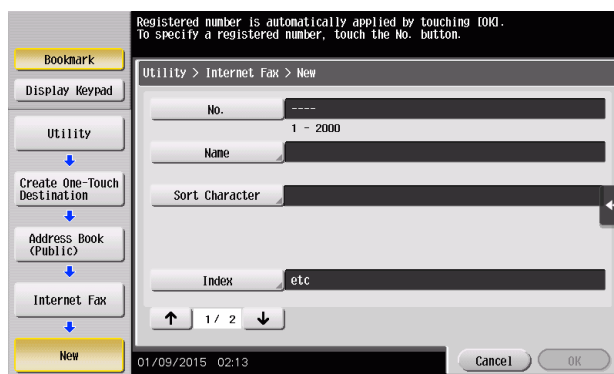
- Select whether to allow the user to register or change destinations (default: [Allow]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### Registering an Internet fax destination

Register destination E-mail addresses.

- 1 Tap [Utility] - [One-Touch/User Box Registration] - [Create One-Touch Destination] - [Address Book (Public)] - [Internet Fax] - [New].

→ The administrator can perform the same actions by selecting [Administrator Settings] - [One-Touch/User Box Registration].



## 2 Enter destination information, then tap [OK].

→ For details on registration information, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".



### Tips

- To check the settings for a registered destination, select its registered name, then tap [Check Job Set].
- To change the settings for a registered destination, select its registered name, then tap [Edit].
- To delete a registered destination, select its registered name, then tap [Delete].

## Reference

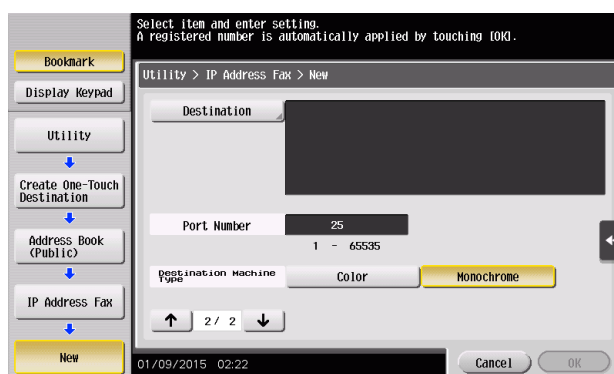
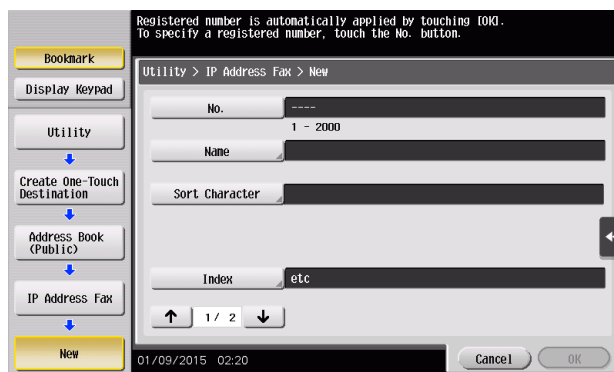
You can also register Internet fax destinations using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Registering Various Types of Information]".

## Registering an IP address fax destination

Enter any of the IP address, host name or E-mail address of the destination.

## 1 Tap [Utility] - [One-Touch/User Box Registration] - [Create One-Touch Destination] - [Address Book (Public)] - [IP Address Fax] - [New].

→ The administrator can perform the same actions by selecting [Administrator Settings] - [One-Touch/User Box Registration].



## 2 Enter destination information, then tap [OK].

→ For details on registration information, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".



### Tips

- To check the settings for a registered destination, select its registered name, then tap [Check Job Set].
- To change the settings for a registered destination, select its registered name, then tap [Edit].
- To delete a registered destination, select its registered name, then tap [Delete].

### Reference

You can also register IP address fax destinations using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Registering Various Types of Information]".

## 4.1.2 Registering from the Fax/Scan basic screen

### Address Book

Registering a frequently used destination on this machine will save you the trouble of having to enter it each time you send a fax. A destination registered on this machine is called an "Address Book".

You can register up to 2000 destinations can be registered in the address book. The destination types that can be registered are E-mail address, computer name, etc. depending on the transmission mode.

### Related setting (for the administrator)

- Select whether to allow the user to register or change destinations (default: [Allow]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

## Registering an Internet fax destination

Register destination E-mail addresses.

- 1 Tap [Scan/Fax].



- 2 Tap [Address Reg.].



- 3 Tap [Input New Address].
- 4 Tap [Internet Fax].
- 5 Enter destination information, then tap [New].

→ The registered information is the same as that to be registered from the Utility. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### Tips

- To check, change, or delete the setting of the registered Internet fax destination, proceed from the Utility. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### Reference

You can also register Internet fax destinations using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Registering Various Types of Information]".

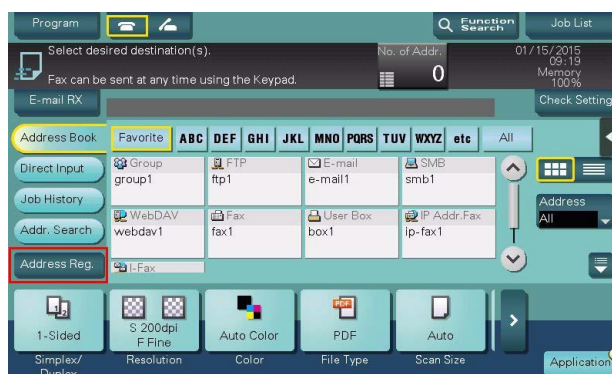
## Registering an IP address fax destination

Enter any of the IP address, host name or E-mail address of the destination.

- 1 Tap [Scan/Fax].



- 2 Tap [Address Reg.].



- 3 Tap [Input New Address].
- 4 Tap [IP Address Fax].
- 5 Enter destination information, then tap [New].

→ The registered information is the same as that to be registered from the Utility. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### Tips

- To check, change, or delete the setting of the registered IP address fax destination, proceed from the Utility. For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### Reference

You can also register IP address fax destinations using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Registering Various Types of Information]".

## 4.2 Registering Multiple Destinations as a Group (Create Group)

### Create Group

Register multiple destinations as a group. Create Group is a convenient way to broadcast a fax.

Up to 100 groups can be registered for Group.

#### Related setting (for the administrator)

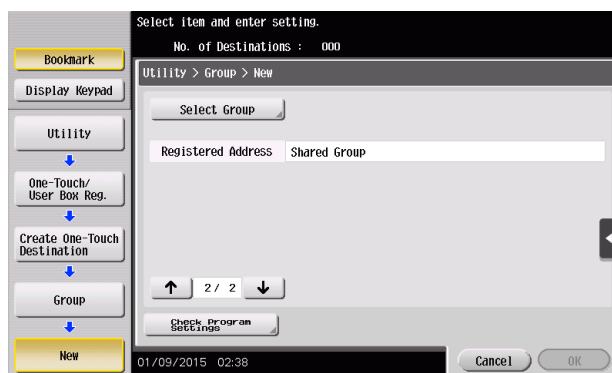
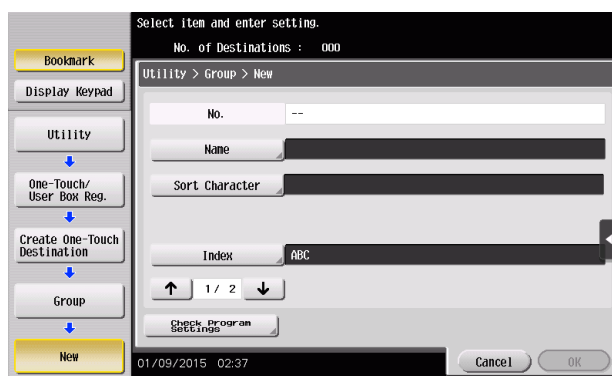
- Select whether to allow the user to register or change destinations (default: [Allow]). For details, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

### Registering a group

- ◎ To register a group, you must register the one-touch destinations to be added to the group in advance.

#### 1 Tap [Utility] - [One-Touch/User Box Registration] - [Create One-Touch Destination] - [Group] - [New].

→ The administrator can perform the same actions by selecting [Administrator Settings] - [One-Touch/User Box Registration].



#### 2 Enter destination information, then tap [OK].

→ For details on registration information, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]".

#### Tips

- To check the settings for a registered group, select its registered name, then tap [Check Job Set].
- To change the settings for a registered group, select its registered name, then tap [Edit].
- To delete a registered group, select its registered name, then tap [Delete].

#### ◎ Reference

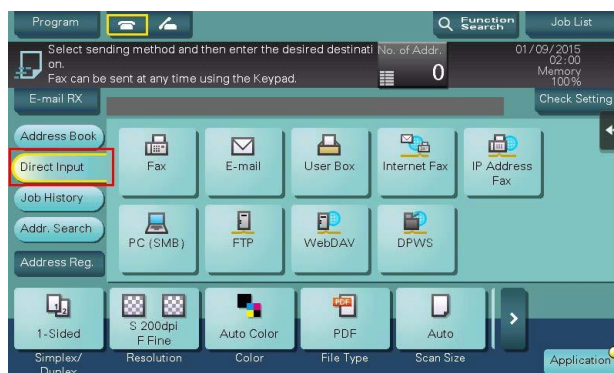
You can also register groups using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Registering Various Types of Information]".

## 4.3 Registering Directly Entered Destinations in Address Book

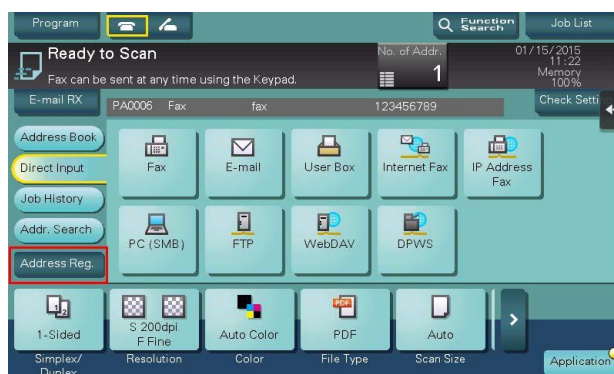
1 Tap [Scan/Fax].



2 Tap [Direct Input], select the destination type, and then enter a destination.

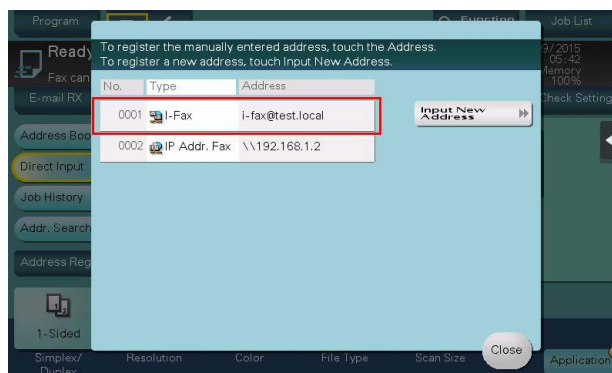


3 After entering the destination, tap [Address Reg.].





- 4 Tap a destination you want to register with the address book.



→ Tap [Input New Address] to register the new address, which is not yet entered. For details on how to register, refer to page 4-4.

- 5 Enter the registration name for the destination.

→ Add additional search text or enter a sort character as necessary.

Settings	Description
[Address Type]	The destination type selected in the [Direct Input] are displayed.
[Index]	Select a corresponding character so that the destination can be index-searched by registration name. <ul style="list-style-type: none"> <li>For a frequently used destination, also select [Favorite]. If [Favorite] is selected, the destination will appear in the main screen of fax/scan mode, enabling the user to easily select a destination.</li> </ul>
[Name]	Enter the destination name to be displayed on the <b>Touch Panel</b> (using up to 24 characters). Assign a name that helps you easily identify the destination.
[Sort Character]	Enter the same name as the registered (using up to 24 characters). You can sort destinations by registration name.
[Address]	The destination that is specified by direct input is displayed.

- 6 Tap [New], then [Close].

When a fax transmission to the destination which is specified by direct input is complete, tap [Address Book] and check that the destination is registered.

## 4.4 Exporting/Importing Destination Information (for the Administrator)

### Exporting destination information

You can save (export) destinations registered on this machine to a computer for backup. You can add new destinations to or edit exported destinations as necessary.

To export information, use **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Managing the Machine Status]".

### Importing destination information

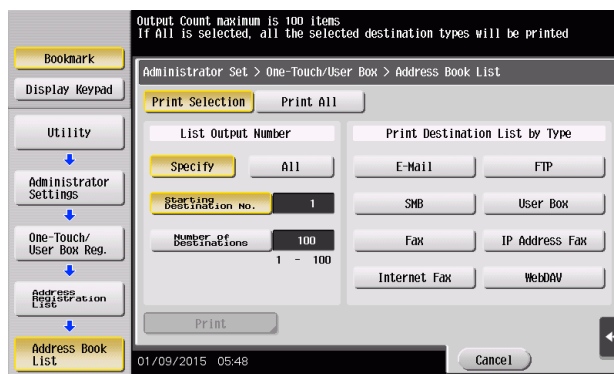
You can write (import) destination information, which is exported from this machine, from a computer to this machine. You can also import destination information to other MFP of the same model.

To import information, use **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Managing the Machine Status]".

## 4.5 Printing the List of Destination Information (for the Administrator)

### Printing a destination list

- 1 Tap [Utility] - [Administrator Settings] - [One-Touch/User Box Registration] - [One-Touch/User Box Registration List] - [Address Book List].
- 2 Select whether to print destinations within the specified range or print all destinations.
  - [Print Selection]: Select this option to specify the destination range and print destinations in the specified range. If you select [Print Selection], go to Step 3.
  - [Print All]: Select this option to print all destinations. If you select [Print All], go to Step 4.

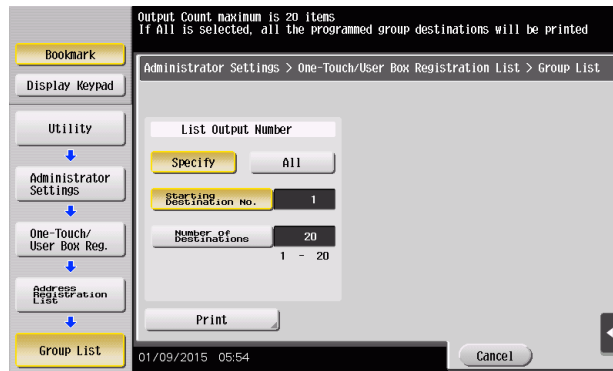


- 3 Specify the type and range of destinations to be printed.
  - If you select [Specify] in [List Output Number], specify the range of destinations to be printed in [Starting Destination No.] (registered number of a destination) and [Number of Destinations].
  - If you select [All] in [List Output Number], all destinations of the type selected in [Print Destination List by Type] are printed.
- 4 Tap [Print].
- 5 Select the print paper tray and print surface, then tap [Start].  
List printing starts.

### Printing a group list

- 1 Tap [Utility] - [Administrator Settings] - [One-Touch/User Box Registration] - [One-Touch/User Box Registration List] - [Group List].

- 2 Specify the range of destinations to be printed.
  - If you select [Specify] in [List Output Number], specify the range of destinations to be printed in [Starting Destination No.] (registered number of a destination) and [Number of Destinations].
  - If you select [All] in [List Output Number], all groups are printed.

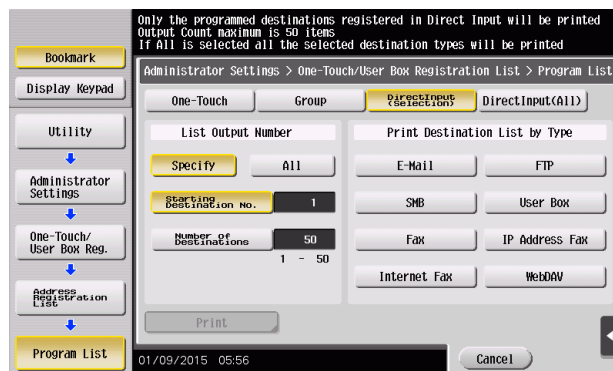


- 3 Tap [Print].
- 4 Select the print paper tray and print surface, then tap [Start].  
List printing starts.

## Printing a program list

Program list contains a list of programs and destinations included in the respective programs.

- 1 Tap [Utility] - [Administrator Settings] - [One-Touch/User Box Registration] - [One-Touch/User Box Registration List] - [Program List].
- 2 Select the type of programs to be printed.
  - [One-Touch]: Select this option to print programs with the address book being registered.
  - [Group]: Select this option to print programs with a group being registered.
  - [DirectInput (Selection)]: Select this option to print programs in which destinations are registered using Direct Input.
  - [DirectInput (All)]: Select this option to print all programs in which destinations are registered using Direct Input.
 If you select [DirectInput (All)], go to Step 4. Otherwise, go to Step 3.



- 3 Specify the range of programs to be printed.
  - If you select [Specify] in [List Output Number], specify the range of programs to be printed in [Starting Destination No.] (registered number of a program) and [Number of Destinations].
  - If you select [All] in [List Output Number], all programs of the type selected in Step 2 are printed. If you select [DirectInput (Selection)] in Step 2, select the type of destinations to be printed by [Print Destination List by Type].

- 4 Tap [Print].
- 5 Select the print paper tray and print surface, then tap [Start].  
List printing starts.

