

Directly Printing from the PC (Direct Print)

Direct Print

Direct Print is a function that enables you to directly send PDF (Ver.1.6), JPEG, TIFF, XPS, PS, PCL, Text, OOXML (.docx/.xlsx/.pptx), and PPML (.ppml/.vdx/.zip) files on your computer or in an SMB sharing folder to this machine to print them without using the printer driver.

A text file supports only 1-byte characters.

You can print a file stored on your computer or an SMB sharing folder by specifying it using **Web Connection**.



Related setting

- ❑ You can specify how the paper size is determined when TIFF, JPEG, or PDF files are directly printed (default: [Auto Paper Select]). For details, refer to [Here](#).
- ❑ To print a text file, you need to set [PDL Setting] to [Auto] (default: [Auto]). For details, refer to [Here](#).
- ❑ When using any OOXML font not installed on this machine to print an OOXML file using the Direct Print function, you can add the OOXML font to this machine. TrueType and OpenType can be added as the OOXML fonts. For details on how to add an OOXML font, refer to [Here](#).

Direct Print procedure

Connect to **Web Connection** using a Web browser, then specify the file you want to print. You can print PDF (Ver.1.6), JPEG, TIFF, XPS, PS, PCL, Text, OOXML (.docx/.xlsx/.pptx) and PPML (.ppml/.vdx/.zip) format files.

1. Access to the **Web Connection**, using the Web browser.

- ➔ For information on how to access **Web Connection**, refer to [Here](#).

2. Log in to the user mode.

➔ For details on how to login to the user mode, refer to [Here](#).


3. Click [Direct Print].

4. In [Select File], select the file to be printed.

➔ [Select from PC]: Click [Browse...], then select a file to be printed from your computer.

➔ [Select from SMB List]: Click [SMB List], then select a file to be printed from the SMB sharing folder.

Direct Print

Select File 

Printing of the following format files is supported.
XPS, PDF(Ver1.6), TIFF, PS, PCL, JPEG, Text, OOXML, PPML
(This Screen Settings cannot be reflected for PS and PCL files.)

File

Select from PC

Select from SMB List

Basic Setting

Number of Sets	<input type="text" value="1"/> (1-9999)
Sort	ON <input type="button" value="v"/>
Offset	OFF <input type="button" value="v"/>
Paper Tray	Auto <input type="button" value="v"/>
Printed Side	1-Sided <input type="button" value="v"/>
Original Orientation	LEF <input type="button" value="v"/>
OOXML Print Settings	
Sheet/Book Print	All Sheets <input type="button" value="v"/>

Page Layout Settings

Combination (v)

Column (1-5)

Row (1-5)

Page Zoom

Auto

Manual (25-400)%

Application Setting

Output Method

Normal Printing

Save in User Box

User Box Number

Registered Box Number

(1-99999999)

File Name

Print (v)

Secure Print

Secure Print ID

Password is changed.

Password

Proof Print

5. Change the print settings as necessary.

➔ In [Basic Setting], you can set a number of copies, 2-sided Print, and Finishing if necessary.

Settings	Description
[Number of Sets]	Enter the number of copies to be printed. [1] is specified by default.

[Sort]	When printing multiple sets of copies, select this check box to output sets of copies one by one. [ON] is specified by default.
[Offset]	When printing multiple sets of copies, select whether to output each set as a staggered layer. [OFF] is specified by default.
[Paper Tray]	Select the paper tray for the printing paper. [Auto] is specified by default.
[Printed Side]	Select the print sides of paper. [1-Sided] is specified by default. <input checked="" type="checkbox"/> [1-Sided]: The original is printed on one side of paper. <input checked="" type="checkbox"/> [2-Sided]: The original is printed on both sides of paper. <input checked="" type="checkbox"/> [Booklet]: The original is printed in booklet format. The pages in the original data are arranged, spread, and printed on both sides of sheets. When the printed sheets are stacked and folded in two, the pages are arranged in the correct order.
[Original Orientation]	Specify the orientation of the original created in application software. [LEF] is specified by default.
[Punch]	Select whether to punch printed sheets. To punch printed sheets, select the required number of punched holes. [OFF] is specified by default.
[Staple]	Select whether to staple printed sheets. To staple printed sheets, select the number of staples. [OFF] is specified by default.
[Binding Position]	Select the binding positions for stapling or punching the sheets. [Left Bind] is specified by default.
[Sheet/Book Print]	Select whether to print the currently selected sheet or the entire book when handling an Excel file. [All Sheets] is specified by default.
[Combination]	Select whether to reduce and print multiple pages on the same side of a single sheet of paper. [OFF] is specified by default. <input checked="" type="checkbox"/> [Row]: Enter a number of pages to be placed in horizontal direction. [1] is specified by default. <input checked="" type="checkbox"/> [Column]: Enter a number of pages to be placed in vertical direction. [1] is specified by default. <input checked="" type="checkbox"/> [Page Zoom]: Select whether to automatically adjust the zoom ratio or specify any zoom ratio to enlarge or reduce a page. [Auto] is specified by default.

➔ If you select [Output Method] in [Application Setting], you can specify the method to print the original on the machine. When using this function, click [Display].

Settings	Description
[Normal Printing]	Select this option to print normally. [Normal Printing] is specified by default.
[Save in User Box]	Select this option to save the original in a box on this machine. <input checked="" type="checkbox"/> [Use Box Number]: Click [Search from List], and select a User Box from the list to save data.

	<ul style="list-style-type: none"> ❖ [File Name]: Enter the file name used to save data in a User Box. ❖ [Print]: Select whether to save data in a User Box and simultaneously print it. [OFF] is specified by default.
[Secure Print]	<p>Select this option to print highly confidential documents. Printing is allowed when the document ID and password are entered on this machine.</p> <ul style="list-style-type: none"> ❖ [Secure Print ID]: Enter the document ID. ❖ Password: To enter (change) the password, select the [Password is changed.] check box, and then enter a new password.
[Proof Print]	<p>Select this option to print a large number of copies. This machine prints only one copy and waits for the user's command before printing the remaining copies.</p>

6. Click [OK].

The file is sent and printed.



Reference

- ❖ When you print a password protected PDF file, the file is stored in the Password Encrypted PDF User Box. To print files from Password Encrypted PDF User Box, refer to [Here](#).

Directly Printing from a USB Memory Device

Printing from a USB memory device

By connecting a USB memory device to this machine and specifying a file stored in the USB memory device, you can print the file.



Supported USB memory devices

USB memory devices that have the following specifications can be connected to this machine.

Item	Requirement
Interface	Compatible with USB Version 2.0/1.1 interface
Format type	Formatted in FAT32
Security	Encryption, password lock, or other security functions are not provided or such functions can be turned off.
Memory size	No upper limit. ❖ Some USB memory devices may not be supported. ❖ A USB memory device, which is recognized as multiple drives, cannot be used.

Note the following points when connecting a USB memory device to this machine.

- ❖ Use the USB connector on the side that is near the **Control Panel**.
- ❖ Do not disconnect the USB memory device while saving a file to the device or printing a file saved in the device.
- ❖ Do not use USB devices (such as hard disk unit and a USB switching hub) except for a USB memory.
- ❖ Do not connect or disconnect the USB memory when the hourglass is being displayed in the **Control Panel** while this machine is active.
- ❖ Do not disconnect the USB memory directly after connecting it.

Printing procedure

Connect the USB memory device to this machine, and on the **Touch Panel**, specify the file you want to print.

For details on the printing procedure, refer to [Here](#).

Printing a received E-mail attachment (E-mail RX Print)

E-mail RX Print

E-mail RX Print is a function that prints a file attached to the E-mail received by the machine.

If you send an E-mail to the E-mail address of the machine, you can print a PDF, Compact PDF, JPEG, TIFF, XPS, Compact XPS, OOXML (.docx/.xlsx/.pptx), or PPML (.ppml/.vdx/.zip) file on the computer using the machine without using the printer driver.

If necessary, you can save an E-mail attachment in a User Box of the machine.



Tips

- ❖ To use this function, the optional **Extension Memory** and **i-Option LK-110 v2** are required. Some models provide **Extension Memory** as standard. For details, refer to [Here](#).

E-mail and attachment specifications

To use the E-mail RX Print function for printing, E-mails and attachments must satisfy the following conditions.

Item	Specifications
Number of files	Up to 20 files
File size	Unlimited
Supporting file type	PDF/Compact PDF/XPS/Compact XPS/TIFF/JPEG /OOXML (.docx/.xlsx/.pptx)/PPML (.ppml/.vdx/.zip) ❖ A banner-size file cannot be printed even if its file type is one of those mentioned above.

E-mail format	The E-mail format has the following restrictions. <ul style="list-style-type: none">❖ E-mails encrypted by S/MIME are not supported.❖ Restoration of E-mails that have been split into parts is not supported.
Specifying an address	Address (To), CC, BCC



Tips

- ❖ Files that do not satisfy the above conditions are discarded. Detailed information such as whether a file has been discarded can be viewed in the job history.
- ❖ When you receive a password-protected PDF file as an E-mail attachment, the file is saved in the Password Encrypted PDF User Box.
- ❖ If an E-mail has no attachment, the E-mail is discarded.

Operations required to use this function (for the administrator)

Configure the settings to enable this machine to receive an E-mail. Also, enable the E-mail RX Print function.

To save and manage received E-mail attachments in a User Box, specify the desired User Box to automatically save them in it.

How to configure the setting is explained using **Web Connection**. For details, refer to [Here](#).



Tips

- ❖ If User Authentication/Account Track is enabled, the E-mail is discarded.



Related setting (for the administrator)

- ❖ To receive E-mails while User Authentication/Account Track is enabled, you must specify [Print without Authentication] (default: [Restrict]) to permit printing without authentication. For details, refer to [Here](#).

Configuring a print setting when sending an E-mail

The E-mail attachment that have been sent is printed on the machine according to the setting values configured by selecting [Utility] - [User Settings] - [Printer Settings]. To change the print setting each time you sent an E-mail, enter a predetermined setting value into the Subject field of an E-mail in your E-mail program, and configure the desired print setting.

Enter the setting value in the "setting value@" format into the Subject field.

- ❖ Entry example of specifying a single setting value: dup@
- ❖ Entry example of specifying multiple setting values: dup, box1@

The available setting values are as follows.

Item	Setting value	Description
Color	col	Sets the print color to full color mode.
	mono	Sets the print color to black and white mode.
Duplex/Simplex	dup	Sets both sides of paper to be printed on.
	simp	Sets a single side of paper to be printed on.
Original Orientation	port	Sets the original orientation to Portrait.
	land	Sets the original orientation to Landscape.
Copies	Numeric Value	Specify the number of copies (1 to 9999) to be printed.
Combine	Column + Numeric value	Specify the number of columns (1 to 5) to be combined in one page. Entry example: Column2
	Row + Numeric value	Specify the number of rows (1 to 5) to be combined in one page.

		Entry example: Row3
Staple	st1	Sets the number of staples to one (Corner).
	st2	Sets the number of staples to two.
Recalling the copy program	m + Numeric value	Specify the registration number (1 to 30) of the copy program to be applied to printing. Entry example: m1
Specifying a User Box	box + Numeric value	Specify the registration number (1 to 999999999) of the User Box to save files in. If the registration number of a User Box that does not exist is specified, a new User Box is created automatically to save files. Entry example: box1



Tips

- ❖ A setting value entered after "@" is not considered to be a print setting value. If "@" is omitted, the entire subject text is considered to be a setting value.
- ❖ The setting value is not case sensitive. Characters other than a setting value are invalid.
- ❖ To specify multiple setting values, delimit them using a comma ",".
- ❖ If multiple setting values are specified in the same item, the setting value entered first is applied.
- ❖ If the copy program is specified, its settings are prioritized, and other individual settings are disabled.



Related setting

- ❖ The basic print settings inherit the print settings configured on the machine. For details, refer to [Here](#).

Receiving an E-mail on the machine and print a file

The user manually inquires the mail server regarding the E-mail reception status using the **Touch Panel**.

Tap [E-mail RX] to inquire the mail server. If there is an incoming E-mail, receive it and print its attachment.



Tips

- ❖ The machine automatically inquires the mail server regarding the E-mail reception status at a predetermined interval (default: 15 minutes) depending on the E-mail RX setting. If an E-mail has arrived, the machine receives it and prints its attachment.



Reference

- ❖ When you receive a password-protected PDF file as an E-mail attachment, the file is saved in the Password Encrypted PDF User Box. To print files from Password Encrypted PDF User Box, refer to [Here](#).

Using Wi-Fi Direct for printing

About Wi-Fi Direct

Wi-Fi Direct is a standard that enables direct connection with a wireless terminal without an access point.

You can specify and print a file stored on a terminal using an Android/iOS terminal such as a smartphone or a tablet PC that supports Wi-Fi Direct.



Tips

❏ The optional **Wireless LAN Interface Kit** is required to use this function.

Machine side: Steps required to use this function (for the administrator)

Configure settings to use Wi-Fi Direct on this machine.

How to configure the setting is explained using **Web Connection**. For details, refer to [Here](#).

Terminal side: Operations required to use this function

Connect a terminal that supports Wi-Fi Direct to this machine via Wi-Fi Direct.

- ✓ For details on how to operate a terminal, refer to the relevant manual.
- ✓ Some terminals may not be able to be connected to this machine via Wi-Fi Direct. For details, refer to the relevant manual of your terminal.

1. Select "Wi-Fi Direct" on the setting menu of the terminal.

This displays a list of devices that support Wi-Fi Direct.

2. Select the SSID of this machine from the list.

This machine is registered on the terminal, and the connection setting is completed.



Tips

- ❖ For a terminal that does not support Wi-Fi Direct, a virtual SSID for the Wi-Fi Direct connection of this machine is displayed on the Wi-Fi (setting) screen. When the virtual SSID of this machine is selected on the Wi-Fi (setting) screen of the terminal, the terminal can be connected to this machine via Wi-Fi Direct.
- ❖ If [Wireless Channel] is set to [Auto] on this machine, it may cause a Wi-Fi Direct connection failure on some Android terminals. In this case, change the [Wireless Channel] setting to the fixed channel, then retry a connection. For details on the setting of this machine, refer to [Here](#).

Using an Android/iOS terminal for printing

- ✓ You need to install **PageScope Mobile** on your Android/iOS terminal.

1. Establish a pairing between the Android/iOS terminal with **PageScope Mobile** installed and this machine.

- ➔ Network information of this machine can be displayed as the QR code on the screen of this machine. You can only read the QR code on the Android/iOS terminal to easily establish a pairing between this machine and the Android/iOS terminal. For details, refer to [Here](#).
- ➔ When you are using an NFC-compatible Android terminal, you can easily establish a pairing between this machine and the Android terminal using NFC. For details, refer to [Here](#).
- ➔ When you are using an iOS terminal compatible with Bluetooth LE, you can easily establish a pairing between this machine and the iOS terminal using Bluetooth LE. For details, refer to [Here](#).

2. Specify a file to be printed, then execute printing.

➔ For details on how to make prints, refer to the help of **PageScope Mobile**.

Printing using a computer

After connecting this machine to the computer via Wi-Fi Direct, install the printer driver on the computer.

AirPrint

Checking the manual

Confirm the AirPrint-compatible version, then check the manual of each version shown on the website.

1. On the **Control Panel**, check the **AirPrint** version.

➔ Tap [Utility] - [Device Information] - [Auth. function list display].

2. Access the following website.

➔ <http://www.biz.konicaminolta.com/download/users-guide/airprint/index.html>

3. Check the manual for the version you checked in step 1.



Tips

- ❖ If AirPrint is not displayed in [Auth. function list display], the settings by the service representative are required to use AirPrint. For details, contact your service representative.

Using Mopria for printing

Mopria

Mopria is a standard that enables printing from an Android terminal by wireless connection without having to install a dedicated application such as a printer driver to suit the manufacturer or model of an Android terminal.

This machine, which supports Mopria, can directly print information such as E-mails, photos, and Web pages that are displayed on the Mopria-compatible Android terminal.



Tips

- ❖ To use Mopria, install Mopria Print Service on the Android terminal (Android 4.4 or later).
- ❖ To use Mopria, you need to connect the Android terminal to the same network as that used by this machine via a Wireless LAN connection. For details on network settings of an Android terminal, refer to the user's manual of the Android terminal.
- ❖ To use Mopria when user authentication is enabled, select [Administrator Settings] - [Network Settings] - [HTTP Server Settings] - [IPP Authentication Settings], then set to [ON] (default: [ON]). If [HTTP Server Settings] - [User Authentication Synchronization] is set to [Synchronize], Mopria printing can be restricted for each user. For details on [HTTP Server Settings], refer to [Here](#).

Operations required to use this function (for the administrator)

Configure a setting to use the Mopria print function.

How to configure the setting is explained using **Web Connection**. For details, refer to [Here](#).

How to Print

- ✓ The operation procedure may vary depending on the operating system version or the application to be used.

1. Check that this machine is turned on.
2. Start the application on your Android terminal to display the content to be printed.
3. Display the printer selection screen, then select the printer to use.
4. Change the print settings as necessary.
5. Execute printing.



Tips

- ❖ This machine can simultaneously receive up to five print jobs.