User's Guide

Samsung Multifunction ProXpress

M337x series M387x series M407x series

BASIC

This guide provides information concerning installation, basic operation and troubleshooting on windows.

ADVANCED

This guide provides information about installation, advanced configuration, operation and troubleshooting on various OS environments.

Some features may not be available depending on models or countries.

BASIC

1. Introduction

Key benefits	5
Features by models	7
Useful to know	12
About this user's guide	13
Safety information	14
Machine overview	19
Control panel overview	22
Turning on the machine	24
Installing the driver locally	25
Reinstalling the driver	28



2. Menu Overview and Basic Setup

Menu overview	30
Machine's basic settings	35
Media and tray	37
Basic printing	53
Basic copying	60
Basic scanning	64
Basic faxing	65

Using USB memory device

69



3. Maintenance

Ordering supplies and accessories	76
Available consumables	77
Available accessories	79
Available maintenance parts	80
Storing the toner cartridge	81
Redistributing toner	83
Replacing the toner cartridge	86
Replacing the imaging unit	89
Installing accessories	90
Monitoring the supplies life	94
Setting the toner low alert	95
Cleaning the machine	96
Tips for moving & storing your machine	102



4. Troubleshooting

Tips for avoiding paper jams	104
Clearing original document jams	105
Clearing paper jams	111



Understanding the status LED 122
Understanding display messages 125



5. Appendix

Specifications	132
Regulatory information	140
Copyright	152



1. Introduction

This chapter provides information you need to know before using the machine.

Key benefits	5
Features by models	7
Useful to know	12
About this user's guide	13
Safety information	14
Machine overview	19
Control panel overview	22
Turning on the machine	24
Installing the driver locally	25
Reinstalling the driver	28
	Features by models Useful to know About this user's guide Safety information Machine overview Control panel overview Turning on the machine Installing the driver locally

Key benefits

Environmentally friendly



- To save toner and paper, this machine supports Eco feature (see "Eco printing" on page 57).
- To save paper, you can print multiple pages on one single sheet of paper (see "Using advanced print features" on page 250).
- To save paper, you can print on both sides of the paper (double-sided printing) (see "Using advanced print features" on page 250).
- To save electricity, this machine automatically conserves electricity by substantially reducing power consumption when not in use.
- We recommend using recycled paper for saving energy.

Fast high resolution printing



- You can print with a resolution of up to 1,200 x 1,200 dpi effective output $(1,200 \times 600 \times 2 \text{ bit})$.
- Fast, on-demand printing.
 - M337x series
 - For single-side printing, 33 ppm (A4) or 35 ppm (Letter).
 - M387x series
 - For single-side printing, 38 ppm (A4) or 40 ppm (Letter).
 - M407x series
 - For single-side printing, 40 ppm (A4) or 42 ppm (Letter).

Convenience



- You can print on the go from your smartphone or computer using Google Cloud Print™ enabled apps (see "Google Cloud Print™" on page 208).
- Easy Capture Manager allows you to easily edit and print whatever you captured using the Print Screen key on the keyboard (see "Easy Capture Manager" on page 289).

Key benefits

- Samsung Easy Printer Manager and Printing Status is a program that
 monitors and informs you of the machine's status and allows you to
 customize the machine's settings (see "Using Samsung Printer Status" on
 page 299 or "Using Samsung Easy Printer Manager" on page 296).
- Samsung Easy Document Creator is an application to help users scan, compile, and save documents in multiple formats, including .epub format. These documents can be shared via social networking sites or fax (see "Using Samsung Easy Document Creator" on page 295).
- AnyWeb Print helps you screen-capture, preview, scrap, and print the screen of Windows Internet Explorer more easily than when you use the ordinary program (see "Samsung AnyWeb Print" on page 290).
- Smart Update allows you to check for the latest software and install the latest version during the printer driver installation process. This is available only for Windows.
- If you have Internet access, you can get help, support application, machine drivers, manuals, and order information from the Samsung website, www.samsung.com > find your product > Support or Downloads.

Wide range of functionality and application support



- Supports various paper sizes (see "Print media specifications" on page 134).
- Print watermark: You can customize your documents with words, such as "Confidential" (see "Using advanced print features" on page 250).

- You can print in various operating systems (see "System requirements" on page 136).
- · Your machine is equipped with a USB interface and/or a network interface.

Supports various wireless network setting method



- Using the WPS (Wi-Fi Protected Setup™) button
 - You can easily connect to a wireless network using the WPS button on the machine and the access point (a wireless router).
- Using the USB cable or a network cable
 - You can connect and set various wireless network settings using a USB cable or a network cable.
- Using the Wi-Fi Direct
 - You can conveniently print from your mobile device using the Wi-Fi or Wi-Fi Direct feature.



See "Introducing wireless set up methods" on page 180.

Some features and optional goods may not be available depending on model or country.

Operating System

Operating System	M337x series	M387x series	M407x series
Windows	•	•	•
Mac	•	•	•
Linux	•	•	•
Unix	•	•	•

^{(•:} Included, Blank: Not available)

Software

You can install the printer driver and software when you insert the software CD into your CD-ROM drive. For windows, select the printer driver and software in the **Select Software to Install** window.

	Software	M337x series	M387x series	M407x series
SPL printer driver		•	•	•
PCL printer driver		•	•	•
PS printer driver ^a		•	•	•
XPS printer driver	1	•	•	•
Direct Printing Uti	lity ^a	•	•	•
Samsung Easy	Scan to PC settings	•	•	•
Printer Manager	Fax to PC settings	•	•	•
	Device Settings	•	•	•
Samsung Printer S	tatus	•	•	•
Samsung AnyWeb	Print ^a	•	•	•
Samsung Easy Doo	ument Creator	•	•	•

	Software	M337x series	M387x series	M407x series
Easy Capture	Manager	•	•	•
SyncThru™ W	eb Service	•	•	•
SyncThru Adı	min Web Service	•	•	•
Easy Eco Driv	er	•	•	•
Fax	Samsung Network PC Fax	•	•	•
Scan	Twain scan driver	•	•	•
	WIA scan driver	•	•	•

a. Download the software from the Samsung website and install it: (http://www.samsung.com > find your product > Support or Downloads). Before installing, check whether your computer's OS support the software.

(•: Included, Blank: Not available)

Variety feature

	Features	M337x series	M387x series	M407x series
Hi-Speed US	SB 2.0	•	•	•
Network Int	erface Ethernet 10/100 Base TX wired LAN	•	•	
Network Int	erface Ethernet 10/100/1000 Base TX wired LAN			•
IEEE 1284B	parallel connector ^a	0	0	0
Network Int	erface 802.11b/g/n wireless LAN ^b		•	
			(M387xFW only)	
Google Clou	ıd Print™	•	•	•
AirPrint		•	•	•
Eco printing		•	•	•
Duplex (2-si	ded) printing	•	•	•
USB memor	y interface		•	•
Memory mo	dule	0	0	0
Optional tra	y (Tray2)	0	0	0
Mass Storag	e Device			
Document	Duplex Automatic Document Feeder (DADF)		•	•
Feeder			(M387xFW only)	
	Automatic Document Feeder (ADF)	•	•	
			(M387xFD/M387xHD only)	
Handset	,	•	•	•
		(M337xHD only)	(M387xHD only)	(M407xHR only)

	Features	M337x series	M387x series	M407x series
Fax	Multi-send	•	•	•
	Delay send	•	•	•
	Priority send			
	Duplex send		•	•
			(M387xFW only)	
	Secure receive	•	•	•
	Duplex print	•	•	•
	Send/ Receive forward - fax	•	•	•
	Send/ Receive forward - email	•	•	•
	Send/ Receive forward - server	•	•	•
Scan	Scanning to email	•	•	•
	Scanning to SMB server	•	•	•
	Scanning to FTP server	•	•	•
	Duplex scan		•	•
			(M387xFW only)	
	Scan to PC	•	•	•

	Features	M337x series	M387x series	M407x series
Сору	ID card copying	•	•	•
	Reduced or enlarged copying	•	•	•
	Collation	•	•	•
	Poster			
	Clone			
	Auto Fit	•	•	•
	Book	•	•	•
	2-up/4-up	•	•	•
	Adjust background	•	•	•
	Margin shift			
	Edge erase	•	•	•
	Gray enhance			
	Duplex copy		•	•
			(M387xFW only)	

a. If you use the parallel port, you cannot use the USB cable.

(●: Included, ○: Optional, Blank: Not available)

b. Depending on your country, wireless LAN card may not be available. For some countries, only 802.11 b/g can be applied. Contact your local Samsung dealer or the retailer where you bought your machine.

Useful to know



The machine does not print.

- Open the print queue list and remove the document from the list (see "Canceling a print job" on page 54).
- Remove the driver and install it again (see "Installing the driver locally" on page 25).
- Select your machine as your default machine in your Windows (see "Setting your machine as a default machine" on page 250).



Where can I purchase accessories or supplies?

- Inquire at a Samsung distributor or your retailer.
- Visit www.samsung.com/supplies. Select your country/region to view product service information.



The status LED flashes or remains constantly on.

- Turn the product off and on again.
- Check the meanings of LED indications in this manual and troubleshoot accordingly (see "Understanding the status LED" on page 122).



A paper jam has occurred.

- Open and close the door (see "Front view" on page 20).
- Check the instructions on removing jammed paper in this manual and troubleshoot accordingly (see "Clearing paper jams" on page 111).



Printouts are blurry.

- The toner level might be low or uneven. Shake the toner cartridge (see "Redistributing toner" on page 83).
- Try a different print resolution setting (see "Opening printing preferences" on page 55).
- Replace the toner cartridge (see "Replacing the toner cartridge" on page 86).



Where can I download the machine's driver?

 You can get help, support application, machine drivers, manuals, and order information from the Samsung website, www.samsung.com > find your product > Support or Downloads.

About this user's guide

This user's guide provides information for your basic understanding of the machine as well as detailed steps to explain machine usage.

- Read the safety information before using the machine.
- If you have a problem using the machine, refer to the troubleshooting chapter.
- Terms used in this user's guide are explained in the glossary chapter.
- All illustrations in this user's guide may differ from your machine depending on its options or model you purchased.
- The screenshots in this administrator's guide may differ from your machine depending on the machine's firmware/driver version.
- The procedures in this user's guide are mainly based on Windows 7.

Conventions

Some terms in this guide are used interchangeably, as below:

- Document is synonymous with original.
- Paper is synonymous with media, or print media.
- Machine refers to printer or MFP.

General icons

lcon	Text	Description
<u>.</u>	Caution	Gives users information to protect the machine from possible mechanical damage or malfunction.
	Note	Provides additional information or detailed specification of the machine function and feature.

These warnings and precautions are included to prevent injury to you and others, and to prevent any potential damage to your machine. Be sure to read and understand all of these instructions before using the machine. After reading this section, keep it in a safe place for future reference.

Important safety symbols

Explanation of all icons and signs used in this chapter

Λ	Warning	Hazards or unsafe practices that may result in severe personal injury or death.
<u>.</u>	Caution	Hazards or unsafe practices that may result in minor personal injury or property damage.
\Diamond	Do not attempt.	

Operating environment



Warning



Do not use if the power cord is damaged or if the electrical outlet is not grounded.

This could result in electric shock or fire.



Do not place anything on top of the machine (water, small metal or heavy objects, candles, lit cigarettes, etc.).

This could result in electric shock or fire.



- If the machine gets overheated, it releases smoke, makes strange noises, or generates an odd odor, immediately turn off the power switch and unplug the machine.
- The user should be able to access the power outlet in case of emergencies that might require the user to pull the plug out.

This could result in electric shock or fire.



Do not bend, or place heavy objects on the power cord.

Stepping on or allowing the power cord to be crushed by a heavy object could result in electric shock or fire.

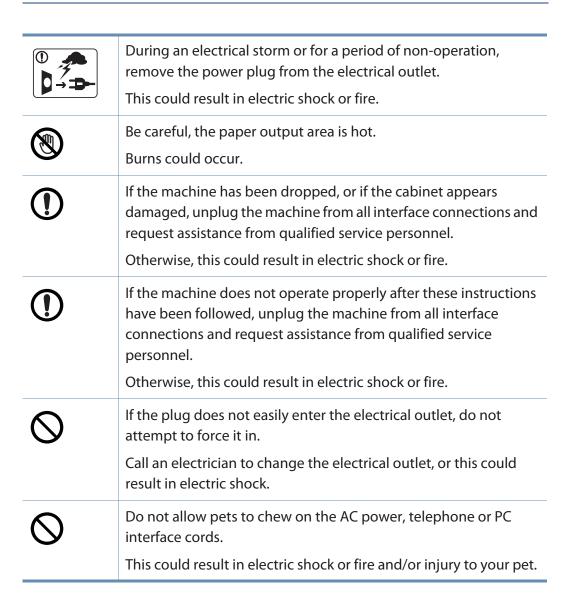


Do not remove the plug by pulling on the cord; do not handle the plug with wet hands.

This could result in electric shock or fire.



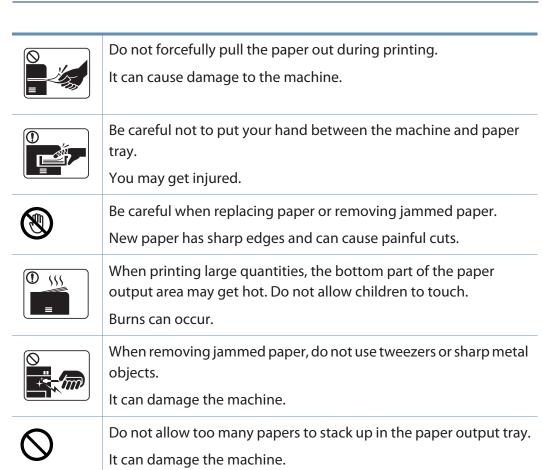
Caution



Operating method



Caution



\Diamond	Do not block or push objects into the ventilation opening. This could result in elevated component temperatures which can cause damage or fire.
\Diamond	Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
	This machine's power reception device is the power cord. To switch off the power supply, remove the power cord from the electrical outlet.

Installation / Moving



Warning



Do not place the machine in an area with dust, humidity, or water leaks.

This could result in electric shock or fire.



Caution



Before moving the machine, turn the power off and disconnect all cords. The information below are only suggestions based on the units weight.

If you have a medical condition that prevents you from lifting, do not lift the machine. Ask for help, and always use the appropriate amount of people to lift the device safety.

Then lift the machine:

- If the machine weighs under 20 kg (44.09 lbs), lift with 1 person.
- If the machine weighs 20 kg (44.09 lbs) 40kg (88.18 lbs), lift with 2 people.
- If the machine weighs more than 40 kg (88.18 lbs), lift with 4 or more people.

The machine could fall, causing injury or machine damage.



Choose a flat surface with enough space for ventilation to place the machine. Also consider the space required to open the cover and trays.

The place should be well-ventilated and be far from direct light, heat, and humidity.



When using the machine for a long period of time or printing a large number of pages in a non-ventilated space, it could pollute the air and be harmful to your health. Place the machine in a well-ventilated space or open a window to circulate the air periodically.

①	Do not place the machine on an unstable surface. The machine could fall, causing injury or machine damage.
①	Use only No.26 AWG ^a or larger, telephone line cord, if necessary. Otherwise, it can cause damage to the machine.
①	Make sure you plug the power cord into a grounded electrical outlet. Otherwise, this could result in electric shock or fire.
1	Use the power cord supplied with your machine for safe operation. If you are using a cord which is longer than 2 meters (6 feet) with a 110V machine, then the gauge should be 16 AWG or larger.
	Otherwise, it can cause damage to the machine, and could result in electric shock or fire.
\Diamond	Do not put a cover over the machine or place it in an airtight location, such as a closet.
	If the machine is not well-ventilated, this could result in fire.
\Diamond	Do not overload wall outlets and extension cords. This can diminish performance, and could result in electric shock or fire.
\bigcirc	The machine should be connected to the power level which is specified on the label.
	If you are unsure and want to check the power level you are using, contact the electrical utility company.

Maintenance / Checking



Caution

Akohal	Unplug this product from the wall outlet before cleaning the inside of the machine. Do not clean the machine with benzene, paint thinner or alcohol; do not spray water directly into the machine. This could result in electric shock or fire.
	When you are working inside the machine replacing consumables or cleaning the inside, do not operate the machine. You could get injured.
	Keep cleaning consumables away from children. Children could get hurt.
0	Do not disassemble, repair or rebuild the machine by yourself. It can damage the machine. Call a certified technician when the

To clean and operate the machine, strictly follow the user's guide

machine needs repairing.

provided with the machine.

Otherwise, you could damage the machine.

•	Keep the power cable and the contact surface of the plug clean from dust or water. Otherwise, this could result in electric shock or fire.
8	 Do not remove any covers or guards that are fastened with screws. Fuser units should only be repaired by a certified service technician. Repair by non-certified technicians could result in fire or electric shock. The machine should only be repaired by a Samsung service
	technician.

Supply usage



Caution



Do not disassemble the toner cartridge.

Toner dust can be dangerous if inhaled or ingested.



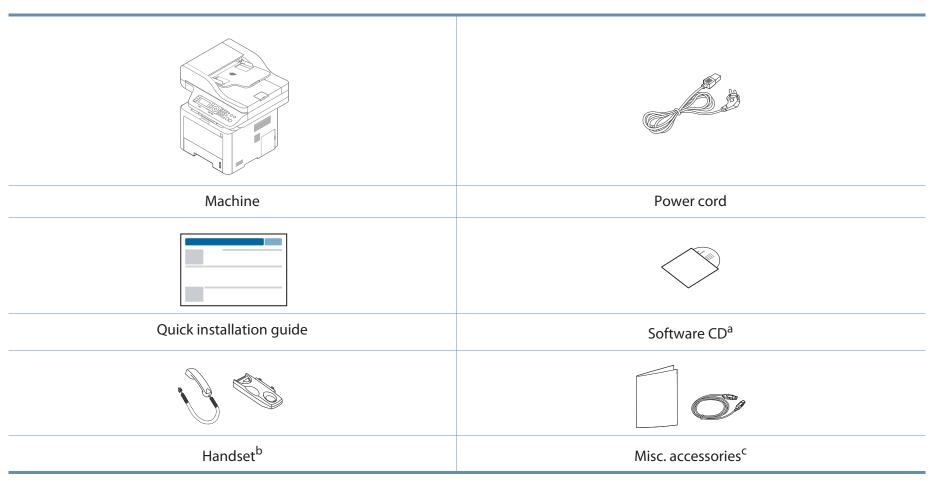
Do not burn any of the consumables such as toner cartridge or fuser unit.

This could cause an explosion or uncontrollable fire.

	When storing consumables such as toner cartridges, keep them away from children. Toner dust can be dangerous if inhaled or ingested.
\Diamond	Using recycled consumables, such as toner, can cause damage to the machine. In case of damage due to the use of recycled consumables, a service fee will be charged.
	 For consumables that contain toner dust (toner cartridge, waste toner bottle, imaging unit, etc.) follow the instructions below. When disposing of the consumables, follow the instructions for disposal. Refer to the reseller for disposal instructions. Do not wash the consumables. For a waste toner bottle, do not reuse it after emptying the bottle. If you do not follow the instructions above, it may cause machine malfunction and environmental pollution. The warranty does not cover damages caused by a user's carelessness.
1	When toner gets on your clothing, do not use hot water to wash it. Hot water sets toner into fabric. Use cold water.
1	When changing the toner cartridge or removing jammed paper, be careful not to let toner dust touch your body or clothes. Toner dust can be dangerous if inhaled or ingested.

Machine overview

Components



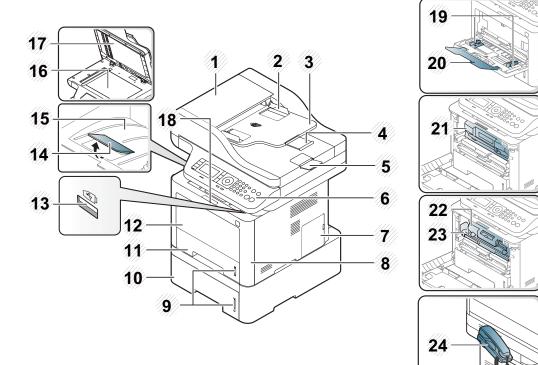
- a. The software CD contains the print drivers, user's guide, and software applications.
- b. Handset model only (see "Variety feature" on page 9).
- c. Miscellaneous accessories included with your machine may vary by country of purchase and specific model.

Machine overview

Front view



- This illustration may differ from your machine depending on your model.
 There are various types of machine.
- Some features and optional goods may not be available depending on model or country (see "Features by models" on page 7).



1	Document feeder cover	13	USB memory port ^a
2	Document feeder width guide	14	Output support tray
3	Document feeder input tray	15	Output tray
4	Document feeder support tray	16	Scanner glass
5	Document feeder output tray	17	Scanner lid
6	Control panel	18	Front cover handle
7	Control board cover	19	Paper width guides on a multi- purpose (or manual feeder) tray
8	Front cover	20	Multi-purpose support tray
9	Paper level indicator	21	Toner cartridge ^b
10	Tray 2 ^c	22	Toner cartridge ^d
11	Tray 1	23	Imaging unit ^d
12	Multi-purpose (or manual feeder) tray	24	Handset ^e

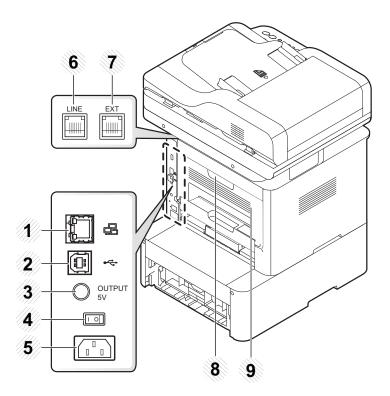
- a. M387x/407x series only.
- b. M3370/ M3870/ M4070 series
- c. This is an optional feature (see "Variety feature" on page 9).
- d. M3375/ M3875/ M4075 series
- e. Handset model only (see "Variety feature" on page 9).

Machine overview

Rear view



- This illustration may differ from your machine depending on your model. There are various types of machine.
- Some features and optional goods may not be available depending on model or country (see "Features by models" on page 7).



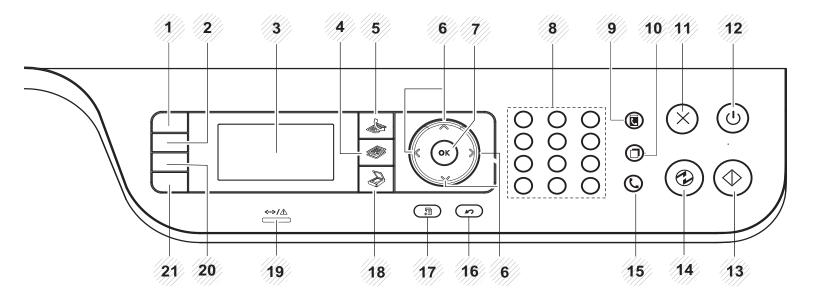
1	Network port	6	Telephone line socket (LINE)
2	USB port	7	Extension telephone socket (EXT.)
3	5V output port for IEEE 1284B parallel connector ^{ab}	8	Rear cover handle
4	Power-switch	9	Rear cover
5	Power receptacle		

- a. This is an optional feature (see "Variety feature" on page 9).
- b. The optional IEEE 1284B parallel connector can be used by plugging in both the USB port and the 5V output port.

Control panel overview



- This control panel may differ from your machine depending on its model. There are various types of control panels.
- Some features and optional goods may not be available depending on model or country (see "Features by models" on page 7).
- Some buttons may not work depending on the mode (copy, fax, or scan).



1	ID Copy		Allows you to copy both sides of an ID card like a driver's license on a single side of paper (see "ID card copying" on page 62).
2	2 Darkness		Adjusts the brightness level to make a copy for easier reading, when the original contains faint markings and dark images.
	WPS ^a		Configures the wireless network connection easily without a computer (see "Wireless network setup" on page 179).
3	Display screen		Shows the current status and prompts during an operation.
4	Сору		Switches to Copy mode.
5	Fax		Switches to Fax mode.
6	Arrows		Scroll through the options available in the selected menu, and increase or decrease values.
7	OK		Confirms the selection on the screen.
8	Numeric keypad		Dials a number or enters alphanumeric characters (see "Keypad letters and numbers" on page 243).

Control panel overview

9	Address Book	(Allows you to store frequently used fax numbers or search for stored fax numbers (see "Storing email address" on page 241 or "Setting up
			the Address Book" on page 245).
10	Redial/Pause		Redials the recently sent fax number or received caller ID in ready mode, or inserts a pause(-) into a fax number in edit mode (see "Redialing
	neulai/Pause		the fax number" on page 275).
11	Stop/Clear	\otimes	Stops current operation.
12	Power/Wakeup	(U)	Turns the power on or off, or wakes up the machine from the power save mode. If you need to turn the machine off, press this button for
	Power/wakeup	\bigcirc	more than three seconds.
13	Start	\bigcirc	Begins a printing job in color mode.
14	Power Saver	②	Goes into sleep mode.
15	On Hook Dial	k Dial	When you press this button, you can hear a dial tone. Then enter a fax number. It is similar to making a call using speaker phone (see
	On Hook Diai	9	"Receiving manually in Tel mode" on page 281).
16	Back	(2)	Sends you back to the upper menu level.
17	Menu	1	Enters Menu mode and scrolls through the available menus (see "Menu overview" on page 30).
18	Scan		Switches to Scan mode.
19	Status LED		Indicates the status of your machine (see "Understanding the status LED" on page 122).
20	D. J /E. J	2	You can reduce or enlarge the size of a copied image from 25% to 400% when you copy original documents from the scanner glass. (see
	Reduce/Enlarge ^b		"Reduced or enlarged copy" on page 61).
	Direct USB ^c		Allows you to directly print files stored on a USB memory device when it is inserted into the USB port on the front of your machine.
21	Eco		Turn on the Eco mode to reduce toner consumption and paper usage when pc-printing and copying only (see "Eco printing" on page 57).

a. M387xFW only.

b. M337xFD/M337xHD only.

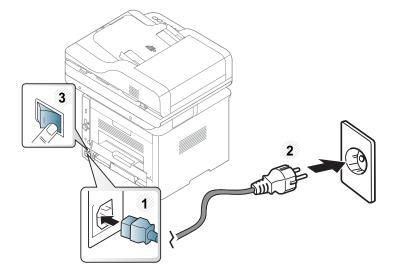
c. M387x/ M407x series only.

Turning on the machine



Illustrations on this user's guide may differ from your machine depending on its options or models. Check your machine type (see "Front view" on page 20).

- Connect the machine to the electricity supply first.
- Turn the power switch on.



Installing the driver locally

A locally connected machine is a machine directly attached to your computer using the cable. If your machine is attached to a network, skip the following steps below and go on to installing a network connected machine's driver (see "Installing driver over the network" on page 167).



- If you are a Mac, Linux or UNIX operating systems user, refer to the "Installation for Mac" on page 157 or "Installation for Linux" on page 159 or "Installing the UNIX printer driver package" on page 173.
- The installation window in this User's Guide may differ depending on the machine and interface in use.
- Only use a USB cable no longer than 3 meters (118 inches).

Installing the driver locally

Windows

- Make sure that the machine is connected to your computer and powered on.
- Insert the supplied software CD into your CD-ROM drive.

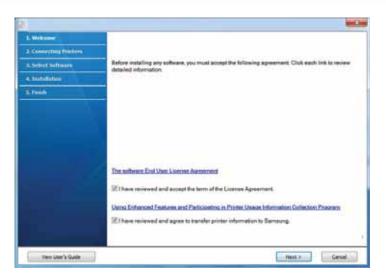


If the installation window does not appear, click **Start** > **All programs** > **Accessories** > **Run**.

X:**Setup.exe** replacing "X" with the letter, which represents your CD-ROM drive and click **OK**.

- For Windows 8, If the installation window does not appear, from Charms, select Search > Apps and search for Run. Type in X:\Setup.exe, replacing "X" with the letter that represents your CD-ROM drive and click OK. If "Tap to choose what happens with this disc." pop-up window appears, click the window and select Run Setup.exe.
- Read and check The software End User License Agreement and Using Enhanced Features and Participating in Printer Usage Information

Collection Program (optional). Then, click Next.



Follow the instructions in the installation window.

From the Windows 8 Start Screen



- when V4 driver is installed. The V4 driver is automatically downloaded from the Windows Update if your computer is connected to the Internet. If not, you can manually download the V4 driver from Samsung website, www.samsung.com > find your product > Support or downloads.
- You can download Samsung Printer Experience app from the Windows
 Store. You need have a Microsoft account to use the Windows Store.
 - 1 From Charms, select Search.
 - 2 Click Store.

Installing the driver locally

- 3 Search and click Samsung Printer Experience.
- 4 Click Install.
- If you install the driver using the supplied software CD, V4 driver is not installed. If you want to use the V4 driver in the **Desktop** screen, you can download from the Samsung website, www.samsung.com >find your product > Support or downloads.
- If you want to install Samsung's printer management tools, you need to install them using the supplied software CD .
- 1 Make sure that your computer is connected to the Internet and powered on.
- Make sure that the machine is powered on.
- Connect the computer and the machine with a USB cable.
 - The driver is automatically installed from the **Windows Update**.

Reinstalling the driver

If the printer driver does not work properly, follow the steps below to reinstall the driver.

Windows

- Make sure that the machine is connected to your computer and powered on.
- From the Start menu, select Programs or All Programs > Samsung Printers > Uninstall Samsung Printer Software.
 - For Windows 8,
 - 1 From Charms, select **Search** > **Apps**.
 - 2 Search and click Control Panel.
 - 3 Click Programs and Features.
 - 4 Right-click the driver you want to uninstall and select **Uninstall**.
 - **5** Follow the instructions in the window.
- **?** Follow the instructions in the installation window.

Insert the software CD into your CD-ROM drive and install the driver again (see "Installing the driver locally" on page 25).



From the Windows 8 Start Screen

- 1 Make sure that the machine is connected to your computer and powered on.
- 2 Click on the **Uninstall Samsung Printer Software** tile in the **Start** screen.
- **?** Follow the instructions in the window.



- If you cannot find a Samsung Printer Software tile, unintstall from the desktop screen mode.
- If you want to uninstall Samsung's printer management tools, from the
 Start screen, right-click the app > Uninstall > right-click the program
 you want to delete > Uninstall and follow the instruction in the window.



2. Menu Overview and Basic Setup

This chapter provides information about the overall menu structure and the basic setup options.

•	Menu overview	30	
•	Machine's basic settings	35	
•	Media and tray	37	
•	Basic printing	53	
•	Basic copying	60	
•	Basic scanning	64	
•	Basic faxing	65	
•	Using USB memory device	69	

The control panel provides access to various menus to set up the machine or use the machine's functions.



- An checked $(\sqrt{})$ appears next to the currently selected menu.
- Some menus may not appear on the display depending on options or models. If so, it is not applicable to your machine.
- Some menu names may differ from your machine depending on its options or the models.
- The menus are described in the Advanced Guide (see "Useful Setting Menus" on page 210).

Accessing the menu

- Select the Fax, Copy, or Scan button on the control panel depending on the feature to be used.
- > Select (Menu) until the menu you want appears on the bottom line of the display and press OK.
- Press the arrows until the needed menu item appears and press OK.
- If the setting item has sub menus, repeat step 3.
- Press **OK** to save the selection.
- 6 Press (Stop/Clear) button to return to the ready mode.

Copy Feature (see "Copy feature" on page 213)			Copy Setup (see "Copy Setup" on page 216)		Fax Feature ^a (see "Fax Feature" on page 217)	
Original Size	Photo	Stamp	Change Default	Original Type	Darkness	Multi Send
Reduce/Enlarge	Collation	ltem	Original Size	Text	Light+5- Light+1	Delay Send
Duplex ^a	Layout	Opacity	Copies	Text/Photo	Normal	Send Forward
1 Sided	Normal	Position	Reduce/Enlarge	Photo	Dark+1- Dark+5	Forward to Fax
1->2Sided	2-Up	Watermark	Duplex ^a	Collation	Resolution	Forward to Email
1->2Sided Rotated	4-Up	Message	1 Sided		Standard	Forward to Server
2->1Sided	ID Copy	Pages	1->2Sided		Fine	Receive Forward
2->1Sided Rotated	Book Copy	Text Size	1->2Sided Rotated		Super Fine	Forward to Fax
2->2Sided	Adjust Background	Position	2->1Sided		Color Mode	Forward to PC
Darkness	Off	Darkness	2->1Sided Rotated		Mono	Forward to Email
Light+5- Light+1	Auto		2->2Sided		Color	Forward to Server
Normal	Enhance Lev.1		Darkness		Original Type	Forward & Print
Dark+1- Dark+5	Enhance Lev.2		Light+5- Light+1		Text	Secure Receive
Original Type	Erase Lev.1-		Normal		Text/Photo	Off
Text	Erase Lev.4		Dark+1- Dark+5		Photo	On
Text/Photo	Edge Erase				Original Size	Print
	Off				Duplex ^a	Cancel Job
	Small Original ^b				1 Sided	
	Hole Punch				2 Sided	
	Book Center ^c				2 Sided Rotated	
	Border Erase					

a. Some menus may not appear on the display depending on options or models. If so, it is not applicable to your machine.

b. This option does not appear when the 2-Up, 4-Up, Book copy, Duplex, Auto Fit option is on or the original document is loaded in ADF (DADF).

c. This option appears only when the **Layout** option is **Book Copy**.

Fax Setup ^a (see "Sending setup" on page 218, "Receiving setup" on page 219)		Scan Feature (see "Scan feature" on page 222)			Scan Setup (see "Scan setup" on page 223)	Print Setup (see "Print" on page 212
Redial Times Redial Term Prefix Dial ECM Mode Fax Confirmation Image TCR Dial Modeb Toll Save Receiving Receive Mode Fax O Tel O	Ring to Answer Itamp Rcv Name Rcv Start Code Auto Reduction Discard Size unk Fax Setup DRPD Mode Duplex Print Darkness Resolution Color Mode Driginal Type Driginal Size Duplex Duplex Darkness Duplex Darkness Resolution Rode Driginal Type Driginal Size Duplex Du	USB Feature Original Size Original Type Resolution Color Mode File Format Duplexa Darkness Email Feature Original Size Original Type Resolution Color Mode File Format Duplexa Darkness	FTP Feature Original Size Original Type Resolution Color Mode File Format Duplexa Darkness SMB Feature Original Size Original Type Resolution Color Mode File Format Duplexa Darkness	Shared Folder Feature Original Size Original Type Resolution Color Mode File Format Duplex Darkness	Change Default USB Default Email Default Original Size Original Type Resolution Color Mode File Format Duplexa Darkness Email Confirmation FTP/SMB Default Original Size Original Type Resolution Color Mode File Format Duplexa Darkness Server Confirmation Shared Folder Default Original Size Original Type Resolution Color Mode File Format Duplexa Darkness Server Confirmation Color Mode File Format Duplexa Original Type Resolution Color Mode File Format Duplexa Darkness	Orientation Portrait Landscape Duplex Copies Resolution Clear Text Off Minimum Normal Maximum Skip Blank Pages Auto CR Emulation Emulation Type Setup

a. Some menus may not appear on the display depending on options or models. If so, it is not applicable to your machine.

b. This option may not be available depending on your country.

Machine Setup	PDF Type	Paper Setup	Report	Maintenance
Machine ID Fax Number Date & Time Clock Mode Language Default Mode Power Save Wakeup Event System Timeout Job Timeout Altitude Adjustment Auto Continue Auto Tray Switch Paper Substitution Tray Protection Toner Save	Stamp Import Setting Export Setting Eco Settings	Paper Size Tray 1 Tray 2 ^a MP Tray ^a Manual Feeder ^a Default Paper Size Paper Type Paper Source Margin Tray Confirmation Sound/Volume Key Sound Alarm Sound Fax Sound	Configuration Demo Page Network Configuration Supplies Information Usage Counter Account Fax Received Fax Sent Fax Scheduled Jobs Fax Send Confirmation Junk Fax Email Sent PCL Font PS Font EPSON Font KSC5843 Font ^a KSC5895 Font ^a Address Book	CLR Empty Msg. ^b Supplies Life Image Mgr. Custom Color

 $a. \ \ Some \ menus \ may \ not \ appear \ on \ the \ display \ depending \ on \ options \ or \ models. \ If so, it is \ not \ applicable \ to \ your \ machine.$

b. This option only appears when small amount of toner is left in the cartridge.

Ne	twork ^a	Job Management ^b		
(see "Network s	setup" on page 234)	(see "Job management" on page 236)		
TCP/IP (IPv4)	Protocol Management	Active Job		
DHCP	HTTP	Secured Job		
ВООТР	WINS	Stored Job		
Static	SNMPv1/v2	Shared Folder		
TCP/IP (IPv6)	SNTP			
IPv6 Protocol	UPnP(SSDP)			
DHCPv6 Config	mDNS			
Ethernet	SetIP			
Ethernet Port	SLP			
Ethernet Speed	Network Configuration			
802.1x	Clear Settings			
Wi-Fi ^C				
Wi-Fi On/Off				
Wi-Fi Settings				
WPS				
Wi-Fi Direct				
Wi-Fi Signal				
Clear Wi-Fi Settings	5			

a. Wired and Wireless model only (see "Features by models" on page 7).

b. This option is available when the optional mass storage device, optional memory or Ram disk is installed.

c. Wireless model only (see "Features by models" on page 7).

Machine's basic settings



You can set the machine's settings by using the **Device Settings** in Samsung Easy Printer Manager program.

- For Windows and Mac users, see "Device Settings" on page 298.
 - For Windows and Mac users, you set from Samsung Easy Printer
 Manager > (Switch to advanced mode) > Device Settings, see
 "Device Settings" on page 298.

After installation is complete, you may want to set the machine's default settings.

To change the machine's default settings, follow these steps:



It may be necessary to press **OK** to navigate to lower-level menus for some models.

- 1 Select (Menu) > System Setup > Machine Setup on the control panel.
- Select the option you want, then press **OK**.
 - Language: change the language that is displayed on the control panel.
 - **Date & Time:** When you set the time and date, they are used in delay fax and delay print. They are printed on reports. If, however, they are not correct, you need to change it for the correct time being.



Enter the correct time and date using arrows or numeric keypad (see "Keypad letters and numbers" on page 243).

- Month = 01 to 12
- Day = 01 to 31
- Year = requires four digits
- Hour = 01 to 12
- Minute = 00 to 59
- **Clock Mode:** You can set your machine to display the current time using either a 12-hour or 24-hour format.
- Power Save: When you are not using the machine for a while, use this feature to save power.



When you press the (Power/Wakeup) button, start printing, or a fax is received, the product will wake up from the power saving mode.

- Altitude Adjustment: Print quality is affected by atmospheric pressure, which atmospheric pressure is determined by the height of the machine above sea level. Before you set the altitude value, determine the altitude where you are (see "Altitude adjustment" on page 240).
- 3 Select the option you want, then press **OK**.
- Press **OK** to save the selection.

Machine's basic settings

5 Press (Stop/Clear) button to return to ready mode.



Refer to below links to set other settings useful for using the machine.

- See "Entering various characters" on page 243.
- See "Keypad letters and numbers" on page 243.
- See "Setting the paper size and type" on page 48.
- See "Setting up the Address Book" on page 245.

This chapter provides information on how to load print media into your machine.



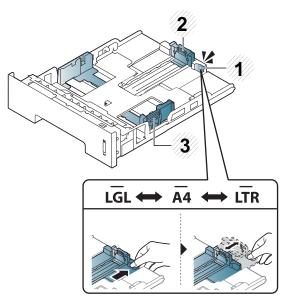
- Using print media that does not meet these specifications may cause problems or require repairs. Such repairs are not covered by Samsung's warranty or service agreements.
- Make sure not to use the inkjet photo paper with this machine. It could cause damage to the machine.
- · Using inflammable print media can cause a fire.
- Use designated print media (see "Print media specifications" on page 134).
- Make sure not to use the inkjet photo paper with this machine. It could cause damage to the machine.



The use of inflammable media or foreign materials left in the printer may lead to overheating of the unit and, in rare cases may cause a fire.

Tray overview

To change the size, you need to adjust the paper guides.

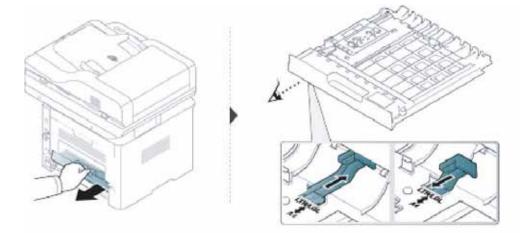


- 1 Tray extend lever
- 2 Paper length guide
- 3 Paper width guide



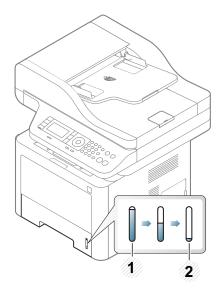
If you do not adjust the guide, it may cause paper registration, image skew, or jamming of the paper.

The duplex unit is preset to Letter/LGL or A4 size, depending on your country. To change the paper size, adjust the guide as shown below.





Paper quantity indicator shows the amount of paper in the tray.



- 1 Full
- 2 Empty



If you do not adjust the guide, it may cause paper registration, image skew, or jamming of the paper.

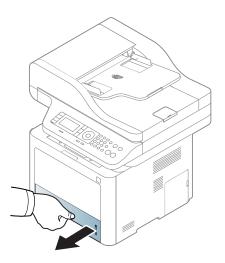
Loading paper in the tray



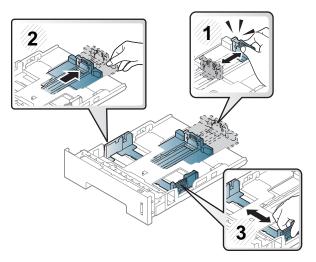
Illustrations on this user's guide may differ from your machine depending on its options or models. Check your machine type (see "Front view" on page 20).

Tray 1 / optional tray

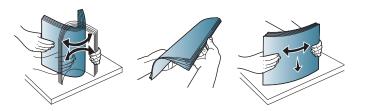
Pull out the paper tray.



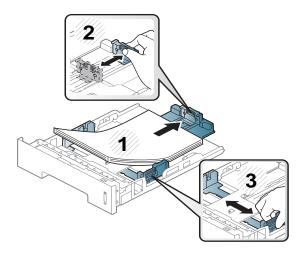
2 Squeeze and the paper width guide and paper length lever to locate them in the correct paper size slot marked at the bottom of the tray to adjust to the size (see "Tray overview" on page 37).



Flex or fan the edge of the paper stack to separate the pages before loading papers.



After inserting paper into the tray, squeeze the paper width guides and paper length guide.





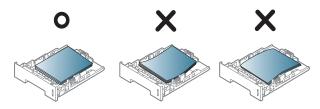
- Do not push the paper width guide too far causing the media to warp.
- If you do not adjust the paper width guide, it may cause paper jams.



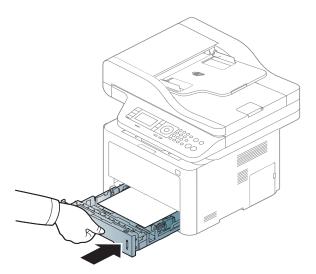




• Do not use a paper with a leading-edge curl, it may cause a paper jam or the paper can be wrinkled.



5 Insert the tray back into the machine.



When you print a document, set the paper type and size for tray (see "Setting the paper size and type" on page 48).



The settings set from the machine driver override the settings on the control panel.

- **a** To print from an application, open an application and start the print menu
- **b** Open **Printing Preferences** (see "Opening printing preferences" on page 55).
- **c** Press the **Paper** tab in **Printing Preferences**, and select an appropriate paper type.

For example, if you want to use a label, set the paper type to **Label**.

- **d** Select **Auto Select** in paper source, then press **OK**.
- e Start printing in application.

Multi-purpose (or manual feeder) tray



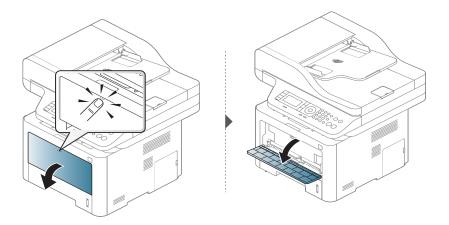
Illustrations on this user's guide may differ from your machine depending on its options or models. Check your machine type (see "Front view" on page 20).

The multi-purpose (or manual feeder) tray can hold special sizes and types of print material, such as postcards, note cards, and envelopes (see "Print media specifications" on page 134).

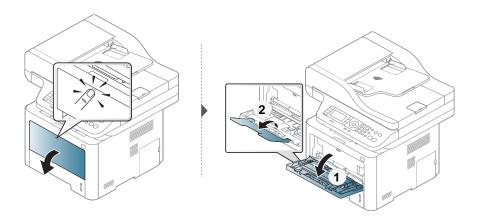
Tips on using the multi-purpose (or manual feeder) tray

- Load only one type, size and weight of print media at a time in the multipurpose (or manual feeder) tray.
- To prevent paper jams, do not add paper while printing when there is still paper in the multi-purpose (or manual feeder) tray. This also applies to other types of print media.
- Always load the specified print media only to avoid paper jams and print quality problems (see "Print media specifications" on page 134).
- Flatten any curl on postcards, envelopes, and labels before loading them into the multi-purpose (or manual feeder) tray.

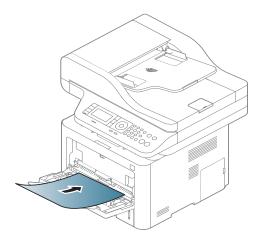
- 1 Press the push-release of multi-purpose (or manual feeder) tray and it down to open.
 - M337x series



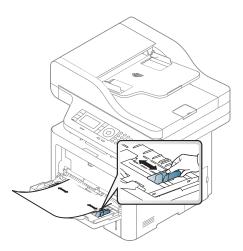
M387x M407x series



Coad the paper.



Squeeze the multi-purpose (or manual feeder) tray paper width guides and adjust them to the width of the paper. Do not force them too much, or the paper will bent resulting in a paper jam or skew.





- When printing the special media, you must follow the loading guideline (See "Printing on special media" on page 43).
- When papers overlap when printing using multi-purpose (or manual feeder) tray, open tray 1 and remove overlapping papers then try printing again.
- When you print a document, set the paper type and size for the multipurpose (or manual feeder) tray.

For information about setting the paper type and size on the control panel (see "Setting the paper size and type" on page 48).



The settings made from the machine driver override the settings on the control panel.

- **a** To print in application, open an application and start the print menu.
- **b** Open **Printing Preferences** (See "Opening printing preferences" on page 55).
- **c** Press the **Paper** tab in **Printing Preferences**, and select an appropriate paper type.
 - For example, if you want to use a label, set the paper type to **Label**.
- **d** Select **Manual Feeder** (or **MP Tray**) in paper source, then press **OK**.
- e Start printing in application.
 If your machine has multi-purpose (or manual feeder) tray, press OK on the control panel each time you load a sheet of paper.

Printing on special media

The table below shows the special media usable in tray.

The media is also shown in the **Printing Preferences**. To get the highest printing quality, select the proper media type from the **Printing preferences** window > **Paper** tab > **Paper Type** (see "Opening printing preferences" on page 55).

For example, if you want to print on labels, select **Labels** for **Paper Type**.



- When using special media, we recommend you feed one sheet at a time (see "Print media specifications" on page 134).
- Illustrations on this user's guide may differ from your machine depending on its options or models. Check your machine type (see "Front view" on page 20).

To see for paper weights for each sheet, refer to "Print media specifications" on page 134.

Types	Tray 1	Optional tray ^a	Multi-purpose (or manual feeder) tray
Plain	•	•	•
Thick	•	•	•
Thicker			•

Types	Tray 1	Optional tray ^a	Multi-purpose (or manual feeder) tray
Thin	•	•	•
Bond	•	•	•
Color			•
CardStock	•	•	•
Labels			•
Transparency			•
Envelope			•
Preprinted			•
Cotton			•
Recycled	•	•	•
Archive	•	•	•

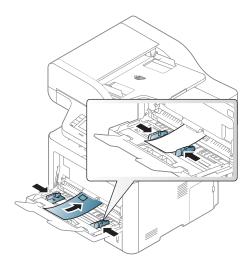
a. This is an optional feature (see "Variety feature" on page 9).

(: Supported, Blank: Not supported)

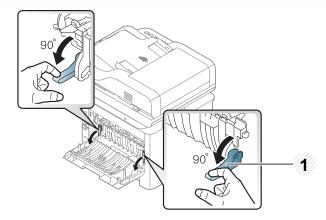
Envelope

Printing successfully on envelopes depends upon the quality of the envelopes.

To print an envelope, place it as shown in the following figure.



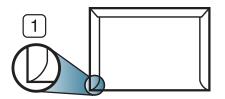
If envelopes are printed out with wrinkles, creases, or black bold lines, open the rear cover and pull down the pressure lever on the right side about 90 degrees and try printing again. Keep the rear cover opened during printing.

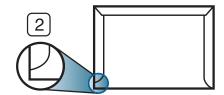


1 Pressure lever

- When selecting envelopes, consider the following factors:
 - **Weight:** should not exceed 90 g/m² otherwise; jams may occur.
 - **Construction:** should lie flat with less than 6 mm curl and should not contain air.
 - **Condition:** should not be wrinkled, nicked, nor damaged.
 - **Temperature:** should resist the heat and pressure of the machine during operation.
- Use only well-constructed envelopes with sharp and well-creased folds.
- Do not use stamped envelopes.
- Do not use envelopes with clasps, snaps, windows, coated lining, self-adhesive seals, or other synthetic materials.
- Do not use damaged or poorly made envelopes.

• Be sure the seam at both ends of the envelope extends all the way to the corner of the envelope.

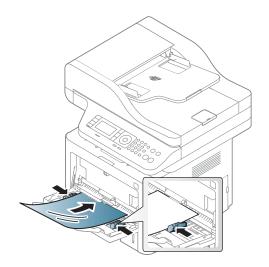




- 1 Acceptable
- **2** Unacceptable
- Envelopes with a peel-off adhesive strip or with more than one flap that folds over to seal must use adhesives compatible with the machine's fusing temperature for 0.1 second about 170°C (338 °F). The extra flaps and strips might cause wrinkling, creasing, or jams, and may even damage the fuser.
- For the best print quality, position margins no closer than 15 mm from the edges of the envelope.
- Avoid printing over the area where the envelope's seams meet.

Transparency

To avoid damaging the machine, use only transparencies designed for use in laser printers.

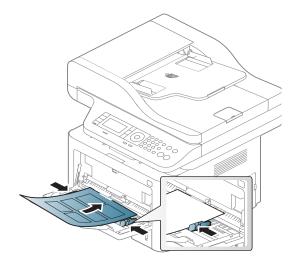


- Must withstand the machine's fusing temperature.
- Place them on a flat surface after removing them from the machine.
- Do not leave unused transparencies in the paper tray for long. Dust and dirt may accumulate on them, resulting in spotty priting.
- To avoid smudging caused by fingerprints, handle them carefully.
- To avoid fading, do not expose printed transparencies to prolonged sunlight.
- Ensure that transparencies are not wrinkled, curled, or have any torn edges.
- Do not use transparencies that separate from the backing sheet.

- To prevent transparencies from sticking to each other, do not let the printed sheets stack up as they are being printed out.
- Recommended media: Transparency for a color laser printer by Xerox, such as 3R 91331(A4), 3R 2780 (Letter).

Labels

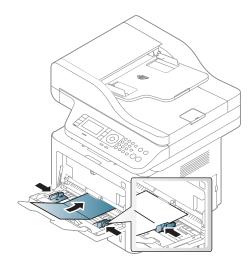
To avoid damaging the machine, use only labels designed for use in laser printers.



- When selecting labels, consider the following factors:
 - **Adhesives:** Should be stable at your machine's fusing temperature about 170°C (338°F).

- **Arrangement:** Only use labels with no exposed backing between them. Labels can peel off sheets that have spaces between the labels, causing serious jams.
- **Curl:** Must lie flat with no more than 13 mm of curl in any direction.
- **Condition:** Do not use labels with wrinkles, bubbles, or other indications of separation.
- Make sure that there is no exposed adhesive material between labels.
 Exposed areas can cause labels to peel off during printing, which can cause paper jams. Exposed adhesive can also cause damage to machine components.
- Do not run a sheet of labels through the machine more than once. The adhesive backing is designed for only a single pass through the machine.
- Do not use labels that are separating from the backing sheet or are wrinkled, bubbled, or otherwise damaged.

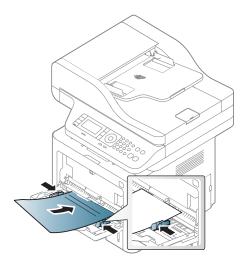
Card stock/ Custom-sized paper



• In the software application, set the margins to at least 6.4 mm (0.25 inches) away from the edges of the material.

Preprinted paper

When loading preprinted paper, the printed side should be facing up with an uncurled edge at the front. If you experience problems with paper feeding, turn the paper around. Note that print quality is not guaranteed.



- Must be printed with heat-resistant ink that will not melt, vaporize, or release hazardous emissions when subjected to the machine's fusing temperature for 0.1 second (about 170°C (338°F)).
- Preprinted paper ink must be non-flammable and should not adversely affect machine rollers.
- Before you load preprinted paper, verify that the ink on the paper is dry.

 During the fusing process, wet ink can come off preprinted paper, reducing print quality.

Setting the paper size and type

After loading paper in the paper tray, set the paper size and type using the control panel buttons.



- You can set the paper from **Device Settings** in Samsung Easy Printer Manager program.
 - For Windows and Mac users, you set from Samsung Easy Printer
 Manager > (Switch to advanced mode) > Device Settings, see
 "Device Settings" on page 298.
- It may be necessary to press **OK** to navigate to lower-level menus for some models.
- Select (Menu) > System Setup > Paper Setup > Paper Size or Paper Type on the control panel.
- Select the tray and the option you want.
- Press **OK** to save the selection.
- Press \bigotimes (**Stop/Clear**) button to return to ready mode.



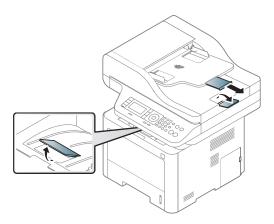
- The settings set from the machine driver override the settings on the control panel.
 - **a** To print from an application, open an application and start the print menu.
 - **b** Open **Printing Preferences** (see "Opening printing preferences" on page 55).
 - **c** Press the **Paper** tab and select an appropriate paper.
- If you want to use special-sized paper such as billing paper, select the Paper tab > Size > Edit... and set Custom Paper Size Settings in the Printing Preferences (see "Opening printing preferences" on page 55).

Using the output support



The surface of the output tray may become hot if you print a large number of pages at once. Make sure that you do not touch the surface, and do not allow children near it.

The printed pages stack on the output support, and the output support will help the printed pages to align. Unfold the output support.





Illustrations on this user's guide may differ from your machine depending on its options or models. Check your machine type (see "Front view" on page 20).

Preparing originals

- Do not load paper smaller than 142 x 148 mm (5.6 x 5.8 inches) or larger than 216 x 356 mm (8.5 x 14 inches).
- Do not attempt to load the following s of paper, in order to prevent paper jam, low print quality and machine damage.
 - Carbon-paper or carbon-backed paper
 - Coated paper
 - Onion skin or thin paper
 - Wrinkled or creased paper
 - Curled or rolled paper
 - Torn paper
- Remove all staples and paper clips before loading.
- Make sure any glue, ink, or correction fluid on the paper is completely dry before loading.
- Do not load originals that include different sizes or weights of paper.
- Do not load booklets, pamphlets, transparencies, or documents with other unusual characteristics.

Loading originals

You can use the scanner glass or the document feeder to load an original for copying, scanning, and sending a fax.

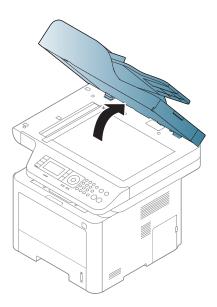


Illustrations on this user's guide may differ from your machine depending on its options or models. Check your machine type (see "Front view" on page 20).

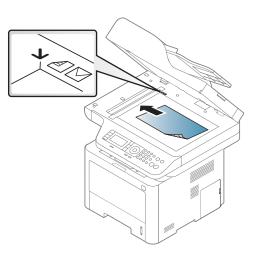
On the scanner glass

Using the scanner glass, you can copy or scan originals. You can get the best scan quality, especially for colored or gray-scaled images. Make sure that no originals are in the document feeder. If an original is detected in the document feeder, the machine gives it priority over the original on the scanner glass.

Lift and open the scanner lid.



Place the original face down on the scanner glass. Align it with the registration guide at the top left corner of the glass.



Close the scanner lid.



- Leaving the scanner lid open while copying may affect copy quality and toner consumption.
- Dust on the scanner glass may cause black spots on the printout. Always keep it clean (see "Cleaning the machine" on page 96).
- If you are copying a page from a book or magazine, lift the scanner lid until its hinges are caught by the stopper and then close the lid. If the book or magazine is thicker than 30 mm, start copying with the scanner lid open.



- Be careful not to break the scanner glass. You may get hurt.
- Do not put hands while closing the scanner lid. The scanner lid may fall on your hands and get hurt.
- Do not look the light from inside of the scanner while copying or scanning. It is harmful to eyes.

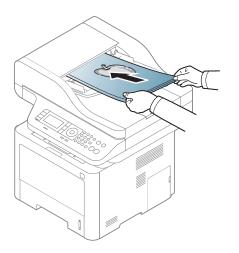
In the document feeder

Using the document feeder (or dual automatic document feeder (DADF), you can load up to 50 sheets of paper (80 g/m^2 , 21 lbs bond) for one job.

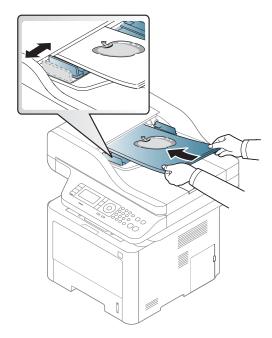
1 Flex or fan the edge of the paper stack to separate the pages before loading originals.



2 Load the original face up into the document feeder input tray. Make sure that the bottom of the original stack matches the paper size marked on the document input tray.



Adjust the document feeder width guides to the paper size.





Dust on the document feeder glass may cause black lines on the printout. Always keep the glass clean (see "Cleaning the machine" on page 96).

Basic printing



For special printing features, refer to the Advanced Guide (see "Using advanced print features" on page 250).

Printing

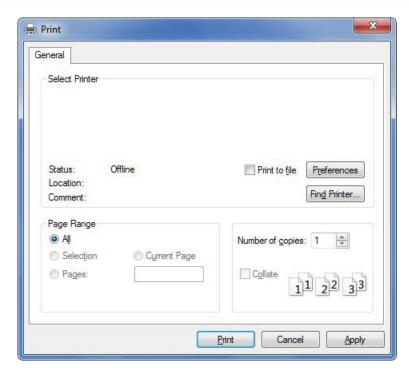


- If you are a Mac, Linux or UNIX operating systems user, refer to the Advanced Guide (see "Software Installation" on page 156).
- For Windows 8 user, see "Basic printing" on page 302.

The following **Printing Preferences** window is for Notepad in Windows 7.

- 1 Open the document you want to print.
- Select Print from the File menu.

Select your machine from the Select Printer list.



The basic print settings including the number of copies and print range are selected within the **Print** window.



To take advantage of the advanced printing features, click **Properties** or **Preferences** from the **Print** window (see "Opening printing preferences" on page 55).

To start the print job, click **OK** or **Print** in the **Print** window.

Basic printing

Canceling a print job

If the print job is waiting in the print queue or print spooler, cancel the job as follows:

- You can access this window by simply double-clicking the machine icon
 () in the Windows task bar.
- You can also cancel the current job by pressing (Stop or Stop/Clear)
 button on the control panel.

Basic printing

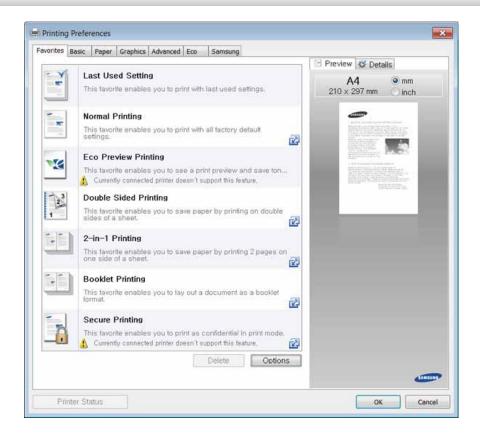
Opening printing preferences



- The **Printing Preferences** window that appears in this user's guide may differ depending on the machine in use.
- When you select an option in **Printing Preferences**, you may see a warning mark or i. An i mark means you can select that certain option but it is not recommended, and an mark means you cannot select that option due to the machine's setting or environment.
- Open the document you want to print.
- Select Print from the file menu. The Print window appears.
- Select your machine from the **Select Printer**.
- Click Properties or Preferences.



The screenshot may differ depending on model.





- You can apply **Eco** features to save paper and toner before printing (see "Easy Eco Driver" on page 291).
- You can check the machine's current status pressing the **Printer Status** button (see "Using Samsung Printer Status" on page 299).