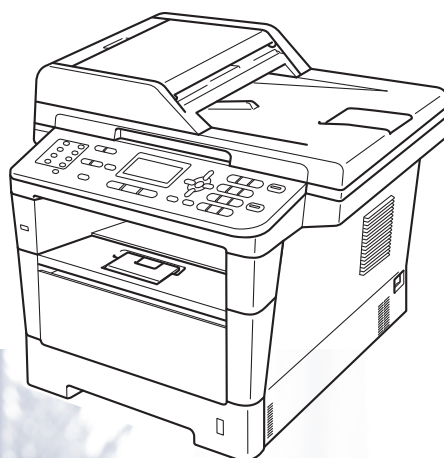


brother®

Basic User's Guide

MFC-8510DN
MFC-8910DW



Version A

TWN-ENG

If you need to call Customer Service

Please complete the following information for future reference:

Model Number: MFC-8510DN / MFC-8910DW
(Circle your model number)

Serial Number: ¹ _____

Date of Purchase: _____

Place of Purchase: _____

¹ The serial number is on the back of the unit. Retain this User's Guide with your sales receipt as a permanent record of your purchase, in the event of theft, fire or warranty service.

Register your product on-line at

<http://www.brother.com/registration/>

User's Guides and where do I find them?

Which Guide?	What's in it?	Where is it?
Product Safety Guide	Read this Guide first. Please read the Safety Instructions before you set up your machine. See this Guide for trademarks and legal limitations.	For Chinese: Printed / In the box For Chinese English: PDF file / Installer CD-ROM / In the box
Quick Setup Guide	Follow the instructions for setting up your machine and installing the drivers and software for the operating system and connection type you are using.	For Chinese: Printed / In the box For Chinese English: PDF file / Installer CD-ROM / In the box
Basic User's Guide	Learn the basic Fax, Copy, Scan and Direct Print operations and how to replace consumables. See troubleshooting tips.	For Chinese: Printed / In the box For Chinese English: PDF file / Installer CD-ROM / In the box
Advanced User's Guide	Learn more advanced operations: Fax, Copy, security features, printing reports and performing routine maintenance.	PDF file / Installer CD-ROM / In the Box
Software User's Guide	Follow these instructions for Printing, Scanning, Network Scanning, Remote Setup, PC-Fax, and using the Brother ControlCenter utility.	PDF file / Installer CD-ROM / In the Box
Network User's Guide	This Guide provides useful information about wired and wireless network settings and security settings using the Brother machine. You can also find supported protocol information for your machine and detailed troubleshooting tips.	PDF file / Installer CD-ROM / In the Box
Wi-Fi Direct™ Guide (MFC-8910DW)	This Guide provides details on how to configure and use your Brother machine for wireless printing directly from a mobile device supporting the Wi-Fi Direct™ standard.	PDF file / Brother Solutions Center ²
Google Cloud Print Guide	This Guide provides details on how to configure your Brother machine to a Google account and use Google Cloud Print services for printing over the Internet from devices using Gmail™ for mobile, GOOGLE DOCS™ for mobile and applications for the Chrome OS.	PDF file / Brother Solutions Center ²
Mobile Print/Scan Guide for Brother iPrint&Scan	This Guide provides useful information about printing JPEG and PDF ¹ files from your mobile device and scanning from your Brother machine to your mobile device when connected on a Wi-Fi network.	PDF file / Brother Solutions Center ²

¹ PDF printing is not supported on Windows® Phone.

² Visit us at <http://solutions.brother.com/>.

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(Advanced User's Guide)

You can view the Advanced User's Guide on the Installer CD-ROM.

The Advanced User's Guide explains the following features and operations.

1 General Setup

IMPORTANT NOTE

Memory storage

Volume settings

Automatic Daylight Saving Time

Ecology features

Quiet mode feature

LCD Contrast

Dial Prefix

Mode Timer

2 Security features

Secure Function Lock 2.0

Setting Lock

Restricting dialing

3 Sending a fax

Additional sending options

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4 Receiving a fax

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5 Dialing and storing numbers

Telephone line services

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Additional ways to store numbers

6 Printing reports

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7 Making copies

Copy settings

Duplex (2-sided) copying

A Routine maintenance

Cleaning and checking the machine

Replacing periodic maintenance parts

Packing and shipping the machine

B Options

Options

Optional paper tray (LT-5400)

Memory board

C Glossary

D Index

Using the documentation

Thank you for buying a Brother machine! Reading the documentation will help you make the most of your machine.

Symbols and conventions used in the documentation

The following symbols and conventions are used throughout the documentation.

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injuries.

Important

Important indicates a potentially hazardous situation which, if not avoided, may result in damage to property or loss of product functionality.



Prohibition icons indicate actions that must not be performed.



Electrical Hazard icons alert you to a possible electrical shock.



Hot Surface icons warn you not to touch machine parts that are hot.



Fire hazard icons alert you to the possibility of fire.



Notes tell you how you should respond to a situation that may arise or give tips about how the current operation works with other features.

Bold Bold style identifies keys on the machine's control panel or on the computer screen.

Italics Italicized style emphasizes an important point or refers you to a related topic.

`Courier New` Courier New font identifies the messages shown on the LCD of the machine.

Follow all warnings and instructions marked on the product.



Note

Most of the illustrations in this User's Guide show the MFC-8910DW.

Accessing the Advanced User's Guide, Software User's Guide and Network User's Guide

This Basic User's Guide does not contain all the information about the machine such as how to use the advanced features for Fax, Copy, Printer, Scanner, PC-Fax and Network. When you are ready to learn detailed information about these operations, read the **Advanced User's Guide**, **Software User's Guide** and **Network User's Guide** that are on the Installer CD-ROM.

Viewing Documentation

Viewing Documentation (Windows®)

To view the documentation, from the **Start** menu, select **Brother, MFC-XXXX** (where XXXX is your model name) from the programs group, and then choose **User's Guides**.

If you have not installed the software, you can find the documentation on the Installer CD-ROM by following the instructions below:

- 1 Turn on your computer. Insert the Installer CD-ROM into your CD-ROM drive.

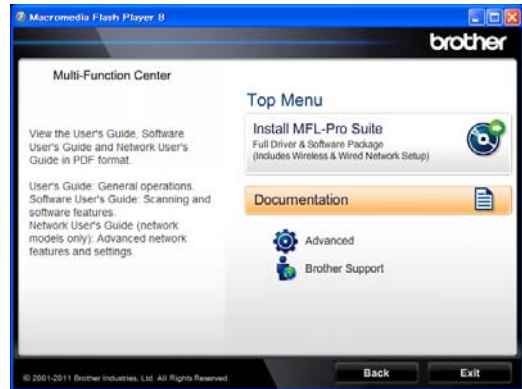


Note

If the Brother screen does not appear automatically, go to **My Computer (Computer)**, double-click the CD-ROM icon, and then double-click **start.exe**.

- 2 If the model name screen appears, click your model name.

- 3 If the language screen appears, click your language. The CD-ROM Top Menu will appear.



- 4 Click **Documentation**.
- 5 Click **PDF documents**. If the country screen appears, choose your country. After the list of User's Guides appears, choose the Guide you want to read.

Viewing Documentation (Macintosh)

- 1 Turn on your Macintosh. Insert the Installer CD-ROM into your CD-ROM drive. The following window will appear.



- 2 Double-click the **Documentation** icon.
- 3 If the model name screen appears, choose your model name and click **Next**.
- 4 If the language screen appears, double-click your language folder.

- 5 Double-click **top.pdf**. If the country screen appears, choose your country.
- 6 After the list of User's Guides appears, choose the Guide you want to read.

How to find Scanning instructions

There are several ways you can scan documents. You can find the instructions as follows:

Software User's Guide

- *Scanning*
- *ControlCenter*
- *Network Scanning*

Presto! PageManager User's Guide



Note

- Presto! PageManager must be installed before use.
 - (Macintosh users) Presto! PageManager is available as a download from http://nj.newsoft.com.tw/download/brother/PM9SEInstaller_BR_multilang.dmg
-
- The complete Presto! PageManager User's Guide can be viewed from the Help selection in the Presto! PageManager application.

How to find Network setup instructions

Your machine can be connected to a wireless or wired network.

Basic setup instructions >> Quick Setup Guide

(MFC-8910DW) If your wireless access point or router supports Wi-Fi Protected Setup or AOSS™ >> Quick Setup Guide.

More information about network setup >> Network User's Guide

How to access Guides for Advanced Features

You can view and download these Guides from the Brother Solutions Center at:

<http://solutions.brother.com/>

Click **Manuals** on your model's page to download the documentation.

Wi-Fi Direct™ Guide

(MFC-8910DW)

This Guide provides details on how to configure and use your Brother machine for wireless printing directly from a mobile device supporting the Wi-Fi Direct™ standard.

Google Cloud Print Guide

This Guide provides details on how to configure your Brother machine to a Google account and use Google Cloud Print services for printing over the Internet from devices using Gmail™ for mobile, GOOGLE DOCS™ for mobile and applications for the Chrome OS.

Mobile Print/Scan Guide for Brother iPrint&Scan

This Guide provides useful information about printing JPEG and PDF ¹ files from your mobile device and scanning from your Brother machine to your mobile device when connected on a Wi-Fi network.

¹ PDF printing is not supported on Windows® Phone.

Accessing Brother Support (Windows®)

You can find all the contacts you will need, such as Web support (Brother Solutions Center) on the Installer CD-ROM.

- Click **Brother Support** on the main menu. The following screen will appear:



- To access our Web site (<http://www.brother.com/>) click **Brother Home Page**.
- For the latest news and product support information (<http://solutions.brother.com/>), click **Brother Solutions Center**.
- To visit our web site for original/genuine Brother supplies (<http://www.brother.com/original/>), click **Supplies Information**.
- To access the Brother CreativeCenter (<http://www.brother.com/creativecenter/>) for FREE photo projects and printable downloads, click **Brother CreativeCenter**.

To return to the main page, click **Back**.

Or, if you have finished, click **Exit**.

Accessing Brother Support (Macintosh)

You can find all the contacts you will need, such as Web support (Brother Solutions Center) on the Installer CD-ROM.

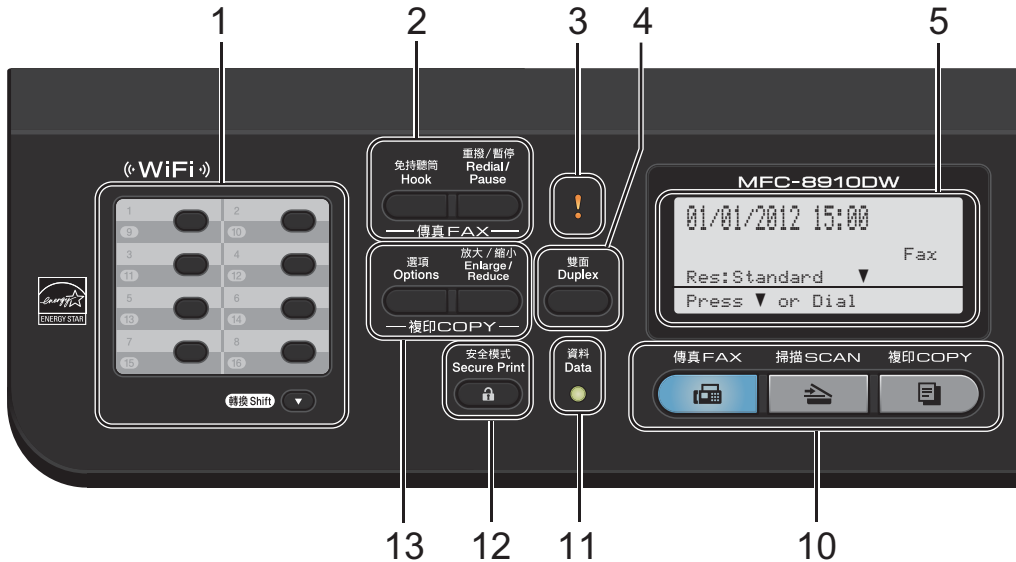
- Double-click the **Brother Support** icon. The following screen will appear:



- To download and install Presto! PageManager, click **Presto! PageManager**.
- For the latest news and product support information (<http://solutions.brother.com/>), click **Brother Solutions Center**.
- To visit our Web site for original/genuine Brother Supplies (<http://www.brother.com/original/>), click **Supplies Information**.

Control panel overview

MFC-8510DN and MFC-8910DW have the same keys. The illustration is based on the MFC-8910DW.



1 One Touch keys

These 8 keys give you instant access to 16 previously stored numbers.

Shift

Lets you access One Touch numbers 9 to 16 when held down.

2 FAX keys:

Hook

Press before dialling if you want to make sure a fax machine will answer, and then press **Start**. Also, press this key after you pick up the handset of an external telephone during the F/T ring (pseudo/double-rings).

Redial/Pause

Redials the last number called. It also inserts a pause when programming quick dial numbers or when dialling a number manually.

3 Error LED

Blinks in orange when the LCD displays an error or an important status message.

4 Duplex

You can choose Duplex to copy or print on both sides of the paper.

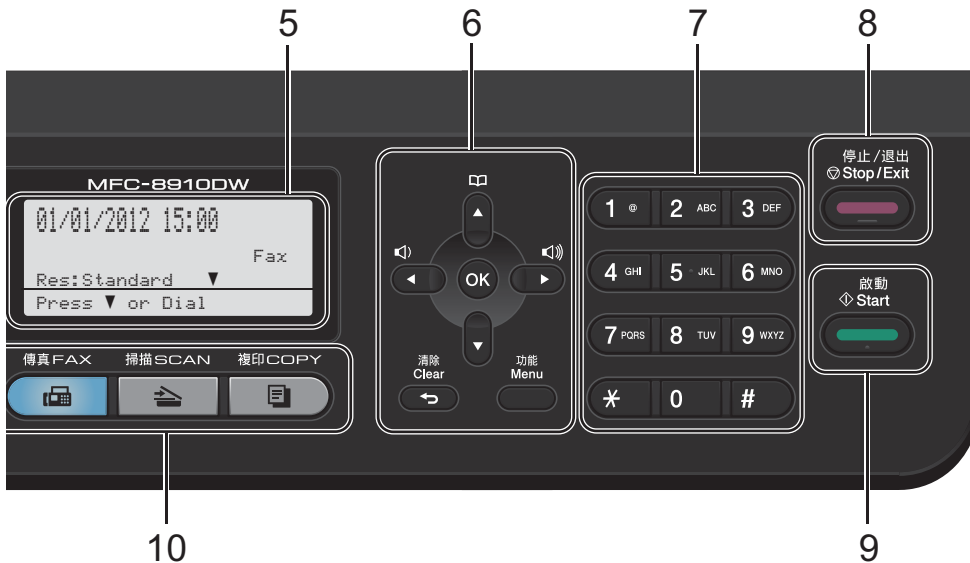
(MFC-8910DW) Also, this key enables automatic 2-sided (Duplex) fax sending when the machine is in FAX mode.

5 LCD

Displays messages to help you set up and use your machine.

(MFC-8910DW) In FAX mode and SCAN mode a four level indicator shows the current wireless signal strength if you are using a wireless connection or Wi-Fi Direct™.





6 Menu Keys:

Clear

Deletes entered data or lets you cancel the current setting.

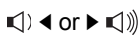
Menu

Lets you access the Menu to program your settings in the machine.

OK

Lets you store your settings in the machine.

Volume keys:



Press to scroll backwards or forwards through menu selections. Press to change the volume when in fax or standby mode.



Press to scroll through the menus and options.

Address Book



Lets you look up and dial stored numbers.

7 Dial pad

Use these keys to dial telephone and fax numbers and as a keyboard for entering information into the machine.

8 Stop/Exit

Stops an operation or exits from a menu.

9 Start

Lets you start sending faxes or making copies.

10 Mode keys:



FAX

Puts the machine in FAX mode.



SCAN

Puts the machine in SCAN mode.



COPY

Puts the machine in COPY mode.

11 Data LED

The LED will flash depending on the machine status.

12 Secure Print

You can print data saved in the memory when you enter your four-digit password. (See *Software User's Guide*.)

When using Secure Function Lock, you can switch restricted users by holding down **Shift** as you press **Secure Print**. (See *Advanced User's Guide: Secure Function Lock 2.0*.)

13 COPY keys:

Options

You can quickly and easily choose temporary settings for copying.




Enlarge/Reduce

Reduces or enlarges copies.

Data LED indications

The **Data** LED (light emitting diode) will flash depending on the machine's status.



LED	Machine Status	Description
	Ready Mode	The machine is ready to print, in Sleep mode, there is no print data, or the power switch is off.
 Green (blinking)	Receiving Data	The machine is either receiving data from the computer, processing data in memory, or printing data.
 Green	Data Remaining in Memory	Print data remains in the machine's memory.

2

Loading paper

Loading paper and print media

The machine can feed paper from the standard paper tray, optional lower tray or multi-purpose tray.

When you put paper into the paper tray, note the following:

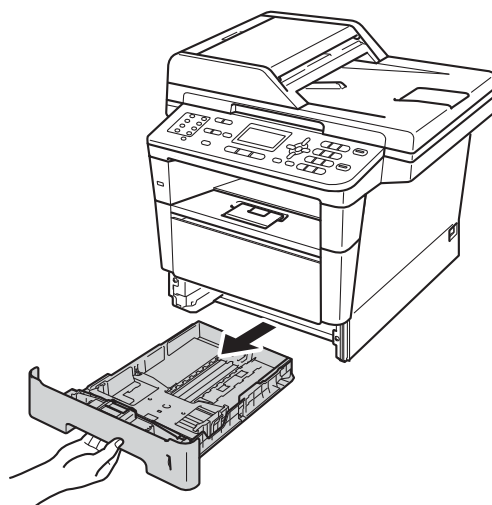
- If your application software supports paper size selection on the print menu, you can select it through the software. If your application software does not support it, you can set the paper size in the printer driver or by using the control panel buttons.

Loading paper in the standard paper tray and the optional lower tray

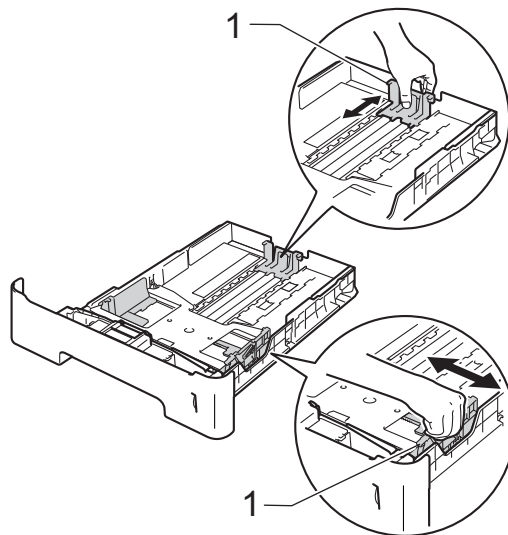
You can load up to 250 sheets in the standard paper tray (Tray 1) and 500 sheets in the optional lower tray (Tray 2). Paper can be loaded up to the maximum paper mark (▼▼▼) on the right-hand side of the paper tray. (For recommended paper to use, see *Acceptable paper and other print media* >> page 18.)

Printing on plain paper, thin paper or recycled paper from Tray 1 and Tray 2

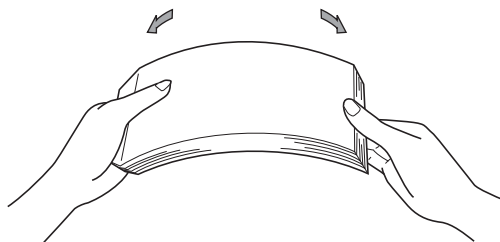
- 1 Pull the paper tray completely out of the machine.



- 2 While pressing the green paper-guide release lever (1), slide the paper guides to fit the paper you are loading in the tray. Make sure that the guides are firmly in the slots.

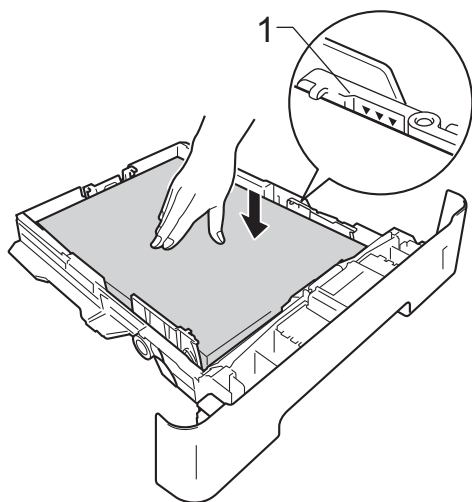


- 3 Fan the stack of paper well to avoid paper jams and misfeeds.



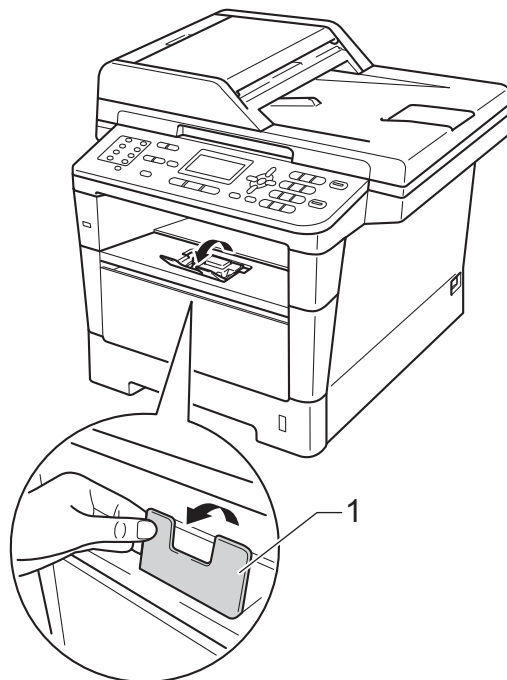
- 4 Put paper in the tray and make sure:

- The paper is below the maximum paper mark (▼▼▼) (1).
Overfilling the paper tray will cause paper jams.
- The side to be printed on must be *face down*.
- The paper guides touch the sides of the paper so it will feed correctly.



- 5 Put the paper tray firmly back in the machine. Make sure that it is completely inserted into the machine.

- 6 Lift up the support flap (1) to prevent paper from sliding off the face-down output tray, or remove each page as soon as it comes out of the machine.

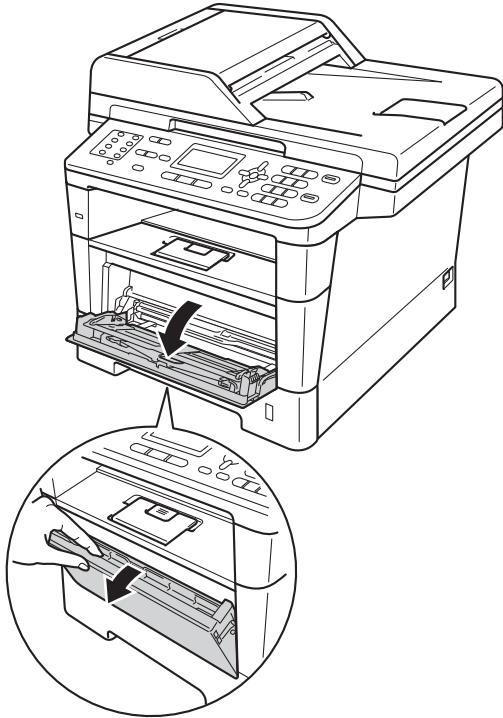


Loading paper in the multi-purpose tray (MP tray)

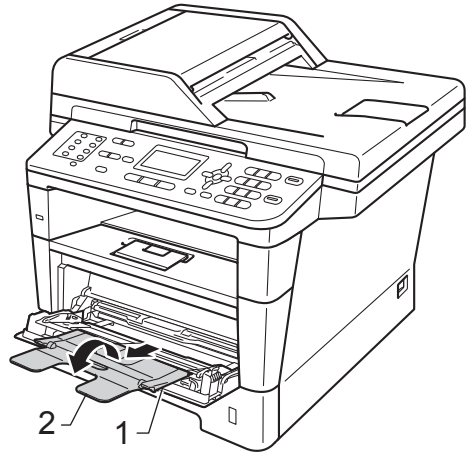
You can load up to 3 envelopes or special print media in the MP tray or up to 50 sheets of plain paper. Use this tray to print or copy on thick paper, bond paper, labels or envelopes. (For recommended paper to use, see *Paper capacity of the paper trays* >> page 19.)

Printing on plain paper, thin paper, recycled paper and bond paper from the MP tray

- 1 Open the MP tray and lower it gently.



- 2 Pull out the MP tray support (1) and unfold the flap (2).

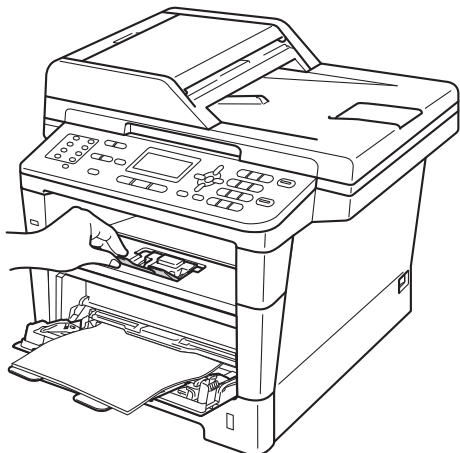


- 3 Put paper in the MP tray and make sure:

- The paper stays under the maximum paper mark (1).
- The side to be printed on must be *face up* with the leading edge (top of the paper) in first.
- The paper guides touch the sides of the paper so it will feed correctly.

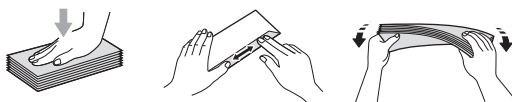


- 4 Lift up the support flap to prevent paper from sliding off the face-down output tray, or remove each page as soon as it comes out of the machine.

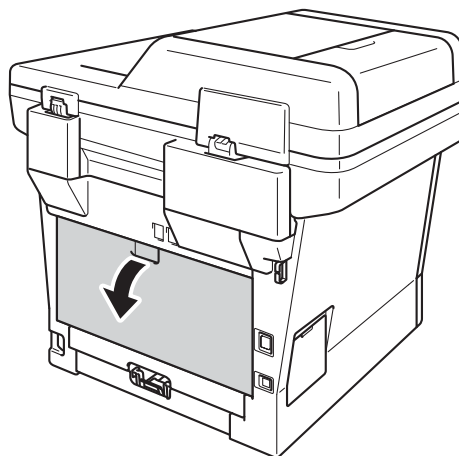


Printing on thick paper, labels and envelopes from the MP tray

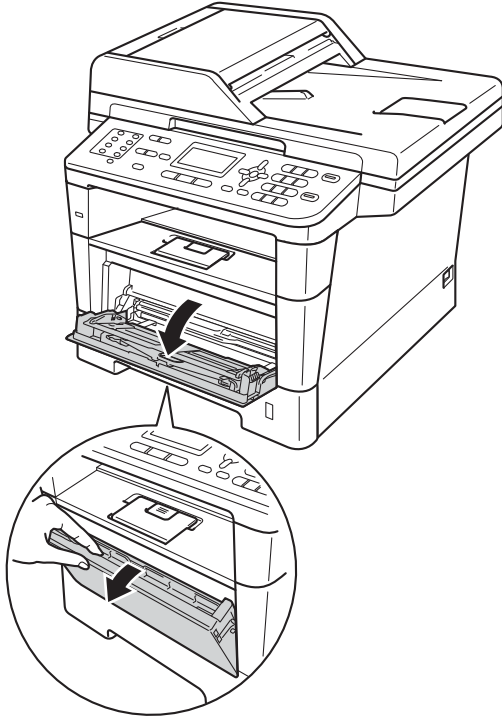
Before loading, press the corners and sides of the envelopes to make them as flat as possible.



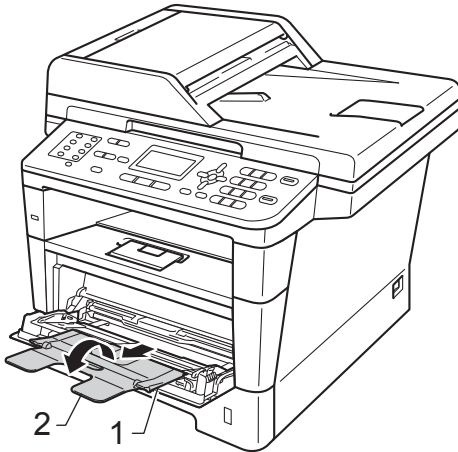
- 1 Open the back cover (face-up output tray).



- 2 Open the MP tray and lower it gently.

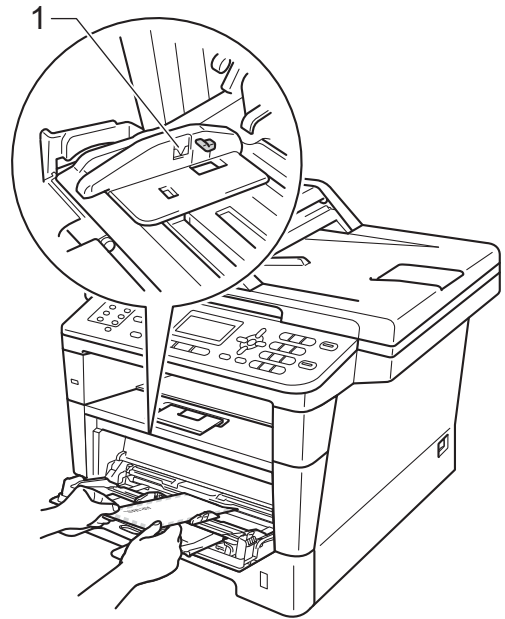


- 3 Pull out the MP tray support (1) and unfold the flap (2).



- 4 Put paper, labels or envelopes in the MP tray. Make sure:

- The number of envelopes in the MP tray does not exceed 3.
- The paper, labels or envelopes stay under the maximum paper mark (1).
- The side to be printed on must be face up.



- 5 Send the print data to the machine.



Note

- Remove each printed envelope immediately to prevent a paper jam.
- If your thick paper curls during printing, put only one sheet at a time in the MP tray and open the back cover (face-up output tray) to let the printed pages exit to the face-up output tray.

- 6 Close the back cover (face-up output tray).

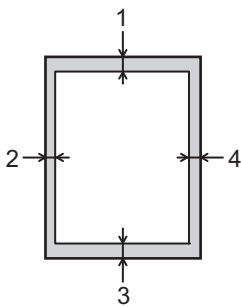
Unscannable and unprintable areas

The figures below show maximum unscannable and unprintable areas. These areas may vary depending on the paper size or settings in the application you are using.



Note

When using BR-Script3 emulation, the edges of the paper that cannot be printed on are 4.2 mm.



Usage	Document Size	Top (1) Bottom (3)	Left (2) Right (4)
Fax (Sending)	Letter	3 mm	4 mm
	A4	3 mm	(ADF) 1 mm (Scanner Glass) 3 mm
	Legal	3 mm	4 mm
Copy* * a single copy or a 1 in 1 copy	Letter	4 mm	4 mm
	A4	4 mm	3 mm
	Legal	4 mm	4 mm
Scan	Letter	3 mm	3 mm
	A4	3 mm	3 mm
	Legal	3 mm	3 mm
Print	Letter	4.2 mm	6.35 mm
	A4	4.2 mm	6.01 mm
	Legal	4.2 mm	6.35 mm

Paper settings

Paper Type

Set up the machine for the type of paper you are using. This will give you the best print quality.

- 1 Do one of the following:
 - To set the paper type for the MP Tray press **Menu, 1, 2, 1, 1**.
 - To set the paper type for Tray#1 press **Menu, 1, 2, 1, 2**.
 - To set the paper type for Tray#2¹ press **Menu, 1, 2, 1, 3** if you installed the optional lower tray.

```

21.Paper Type
  1.MP Tray
  ▲ Plain
  ▼ Thick
  Select ▲▼ or OK
  
```

- 2 Press **▲** or **▼** to choose Thin, Plain, Thick, Thicker, Recycled Paper or Label². Press **OK**.

- 3 Press **Stop/Exit**.

- ¹ Tray#2 appears only if the optional lower tray is installed.
- ² The Label type option appears only if you chose the MP tray in step 1.

Paper Size



Note

You can use four sizes of paper for printing faxes: A4, Letter, Legal or Folio.

You can use ten sizes of paper for copies: A4, Letter, Legal, Executive, A5, A5 L, A6, B5, B6 and Folio and four sizes for printing faxes: A4, Letter, Legal or Folio (215.9 mm × 330.2 mm).

When you change the size of paper in the tray, you will also need to change the setting for the paper size at the same time so your machine can fit the document or an incoming fax on the page.

- 1 Do one of the following:
 - To set the paper size for the MP Tray press **Menu, 1, 2, 2, 1**.
 - To set the paper size for Tray#1 press **Menu, 1, 2, 2, 2**.
 - To set the paper size for Tray#2¹ press **Menu, 1, 2, 2, 3** if you installed the optional lower tray.

```

22.Paper Size
  1.MP Tray
  ▲ A4
  ▼ Letter
  Select ▲▼ or OK
  
```

- 2 Press **▲** or **▼** to choose A4, Letter, Legal, Executive, A5, A5 L, A6, B5, B6, Folio or Any². Press **OK**.

- 3 Press **Stop/Exit**.

- ¹ Tray#2 appears only if the optional lower tray is installed.
- ² The Any size option appears only when you choose the MP tray.

**Note**

- If you choose **Any** for the MP Tray Paper Size, you must choose **MP Only** for the Tray Use setting. You cannot use the **Any** Paper Size selection for the MP tray when making N in 1 copies. You must choose one of the other available Paper Size selections for the MP tray.
- A5 L and A6 size are not available for Tray#2.

Tray Use in COPY mode

You can change the priority tray that the machine will use for printing copies.

When you choose **Tray#1 Only**, **MP Only** or **Tray#2 Only**¹, the machine pulls the paper only from that tray. If the selected tray is out of paper, **No Paper** will appear on the LCD. Insert the paper in the empty tray.

To change the tray setting follow the instructions below:

- 1 Press **Menu, 1, 6, 1**.

```

16.Tray Use
  1.Copy
  ▲  MP>T1>T2
  ▼  T1>T2>MP
-----
Select ▲▼ or OK
  
```

- 2 Press **▲** or **▼** to choose **Tray#1 Only**, **Tray#2 Only**¹, **MP Only**, **MP>T1>T2**¹ or **T1>T2**¹>**MP**. Press **OK**.
- 3 Press **Stop/Exit**.

¹ **Tray#2 Only** and **T2** appear only if the optional lower tray is installed.

**Note**

- When loading the documents in the ADF and **MP>T1>T2** or **T1>T2>MP** is selected, the machine looks for the tray with the most suitable paper and pulls paper from that tray. If no tray has suitable paper, the machine pulls paper from the higher priority tray.
- When using the scanner glass, your document is copied from the higher priority tray even if more suitable paper is in another paper tray.

Tray Use in FAX mode

You can change the default tray that the machine will use for printing received faxes.

When you choose **Tray#1 Only**, **MP Only** or **Tray#2 Only**¹, the machine pulls the paper only from that tray. If the selected tray is out of paper, **No Paper** will appear on the LCD. Insert the paper in the empty tray.

When you choose **T1>T2**¹>**MP**, the machine pulls paper from **Tray #1** until it is empty, then from **Tray #2**, and then from the **MP** tray.

When you choose **MP>T1>T2**¹, the machine pulls paper from the **MP** tray until it is empty, then from **Tray #1**, and then from **Tray #2**.



Note

- You can use four sizes of paper for printing faxes: A4, Letter, Legal or Folio. When a suitable size is not in any of the trays received faxes will be stored in the machine's memory and **Size mismatch** will appear on the LCD. (For details, see *Error and maintenance messages* >> page 78.)
- If the tray is out of paper and received faxes are in the machine's memory, **No Paper** will appear on the LCD. Insert paper in the empty tray.

- 1 Press **Menu, 1, 6, 2**.

```
16.Tray Use
 2.Fax
▲  MP>T1>T2
▼  T1>T2>MP
Select ▲▼ or OK
```

- 2 Press **▲** or **▼** to choose **Tray#1 Only**, **Tray#2 Only**¹, **MP Only**, **MP>T1>T2**¹ or **T1>T2**¹>**MP**. Press **OK**.

- 3 Press **Stop/Exit**.

¹ **Tray#2 Only** and **T2** appear only if the optional lower tray is installed.

Tray Use in print mode

You can change the default tray the machine will use for printing from your computer and for Direct print.

- 1 Press **Menu, 1, 6, 3**.

```
16.Tray Use
 3.Print
▲  MP>T1>T2
▼  T1>T2>MP
Select ▲▼ or OK
```

- 2 Press **▲** or **▼** to choose **Tray#1 Only**, **Tray#2 Only**¹, **MP Only**, **MP>T1>T2**¹ or **T1>T2**¹>**MP**. Press **OK**.

- 3 Press **Stop/Exit**.

¹ **Tray#2 Only** and **T2** appear only if the optional lower tray is installed.

Acceptable paper and other print media

Print quality may vary according to the type of paper you are using.

You can use the following types of print media: plain paper, thin paper, thick paper, thicker paper, bond paper, recycled paper, labels or envelopes.

For best results, follow the instructions below:

- DO NOT put different types of paper in the paper tray at the same time because it may cause paper jams or misfeeds.
- For proper printing, you must choose the same paper size from your software application as the paper in the tray.
- Avoid touching the printed surface of the paper immediately after printing.
- Before you buy a lot of paper, test a small quantity to make sure the paper is suitable.
- Use labels that are designed for use in laser machines.

Type and size of paper

The machine feeds paper from the installed standard paper tray, multi-purpose tray or optional lower tray.

The names for the paper trays in the printer driver and this Guide are as follows:

Tray and optional unit	Name
Standard Paper Tray	Tray 1
Multi-purpose Tray	MP Tray
Optional Lower Tray	Tray 2

Paper capacity of the paper trays

	Paper size	Paper types	No. of sheets
Standard Paper Tray (Tray 1)	A4, Letter, Legal, B5, Executive, A5, A5 (Long Edge), A6, B6, Folio ¹	Plain paper, Thin paper, Recycled paper	up to 250 (80 g/m ²)
Multi-purpose Tray (MP Tray)	Width: 76.2 to 215.9 mm Length: 127 to 355.6 mm	Plain paper, Thin paper, Thick paper, Thicker paper, Bond paper, Recycled paper, Envelopes, Labels	50 sheets (80 g/m ²) 3 Envelopes
Optional Lower Tray (Tray 2)	A4, Letter, Legal, B5, Executive, A5, B6, Folio ¹	Plain paper, Thin paper, Recycled paper	up to 500 (80 g/m ²)

¹ Folio size is 215.9 mm × 330.2 mm.

Recommended paper specifications

The following paper specifications are suitable for this machine.

Basis weight	75-90 g/m ²
Thickness	80-110 μm
Roughness	Higher than 20 sec.
Stiffness	90-150 cm ³ /100
Grain direction	Long grain
Volume resistivity	10e ⁹ -10e ¹¹ ohm
Surface resistivity	10e ⁹ -10e ¹² ohm-cm
Filler	CaCO ₃ (Neutral)
Ash content	Below 23 wt%
Brightness	Higher than 80%
Opacity	Higher than 85%

- Use paper made for plain paper copying.
- Use paper that is 75 to 90 g/m².
- Use long grain paper with a neutral Ph value, and a moisture content of approx. 5%.
- This machine can use recycled paper that meets DIN 19309 specifications.

Handling and using special paper

The machine is designed to work well with most types of xerographic and bond paper. However, some paper variables may have an effect on print quality or handling reliability. Always test samples of paper before purchasing to ensure desirable performance. Store paper in its original packaging and keep it sealed. Keep the paper flat and away from moisture, direct sunlight and heat.

Some important guidelines when selecting paper are:

- DO NOT use inkjet paper because it may cause a paper jam or damage your machine.
- Preprinted paper must use ink that can withstand the temperature of the machine's fusing process 200 °C.
- If you use bond paper, paper having a rough surface, or paper that is wrinkled or creased, the paper may exhibit degraded performance.

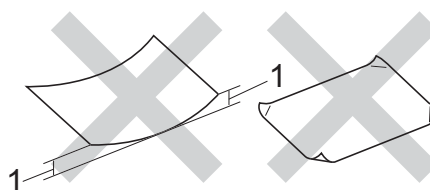
Types of paper to avoid

! Important

Some types of paper may not perform well or may cause damage to your machine.

DO NOT use paper:

- that is highly textured
- that is extremely smooth or shiny
- that is curled or warped



1 A curl of 2 mm or greater may cause jams to occur.

- that is coated or has a chemical finish
- that is damaged, creased or folded
- that exceeds the recommended weight specification in this guide
- with tabs and staples
- with letterheads using low temperature dyes or thermography
- that is multipart or carbonless
- that is designed for inkjet printing

If you use any of the types of paper listed above, they may damage your machine. This damage is not covered under any Brother warranty or service agreement.

Envelopes

Most envelopes designed for laser printers will be suitable for your machine. However, some envelopes may have feed and print-quality problems because of the way they have been made. A suitable envelope should have edges with straight, well-creased folds. The envelope should lie flat and not be of baggy or flimsy construction. You should buy quality envelopes from a supplier who understands that you will be using the envelopes in a laser machine.

Envelopes can only be fed through the MP tray.

We recommend that you print a test envelope to make sure the print results are what you want.

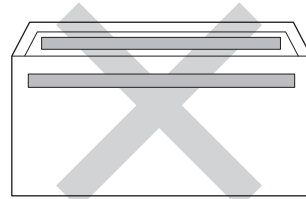
Types of envelopes to avoid

! Important

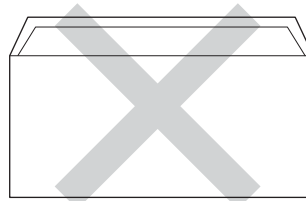
DO NOT use envelopes:

- that are damaged, curled, wrinkled or an unusual shape
- that are extremely shiny or textured
- with clasps, staples, snaps or tie strings
- with self-adhesive closures
- that are of a baggy construction
- that are not sharply creased
- that are embossed (have raised writing on them)
- that were previously printed by a laser machine
- that are pre-printed on the inside
- that cannot be arranged neatly when stacked
- that are made of paper that weighs more than the paper weight specifications for the machine
- with edges that are not straight or consistently square

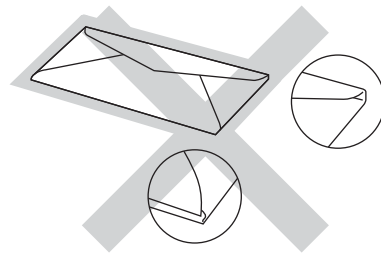
- with windows, holes, cut-outs or perforations
- with glue on the surface as shown in the figure below



- with double flaps as shown in the figure below



- with sealing flaps that are not folded down when purchased
- with each side folded as shown in the figure below



If you use any of the types of envelopes listed above, they may damage your machine. This damage may not be covered under any Brother warranty or service agreement.

Occasionally you may experience paper feed problems caused by the thickness, size and flap shape of the envelopes you are using.

Labels

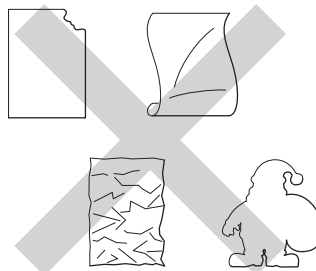
The machine will print on most types of labels designed for use with a laser machine. Labels should have an adhesive that is acrylic-based since this material is more stable at the high temperatures in the fuser unit. Adhesives should not come in contact with any part of the machine, because the label stock may stick to the drum unit or rollers and cause jams and print quality problems. No adhesive should be exposed between the labels. Labels should be arranged so that they cover the entire length and width of the sheet. Using labels with spaces may result in labels peeling off and causing serious jams or print problems.

All labels used in this machine must be able to withstand a temperature of 200 °C for a period of 0.1 seconds.

Labels can only be fed through the MP tray.

Types of labels to avoid

Do not use labels that are damaged, curled, wrinkled or an unusual shape.



! Important

- Avoid feeding labels with the carrier sheet exposed because your machine will be damaged.
 - Label sheets should not exceed the paper weight specifications described in this User's Guide. Labels exceeding this specification may not feed or print correctly and may cause damage to your machine.
 - DO NOT reuse or insert labels that have previously been used or are missing a few labels on the sheet.
-

How to load documents

You can send a fax, make copies, and scan from the ADF (Automatic Document Feeder) and the scanner glass.

Using the automatic document feeder (ADF)

The ADF can hold up to 35 pages (for MFC-8510DN) or up to 50 pages (for MFC-8910DW) and feeds each sheet individually. Use standard 80 g/m² paper and always fan the pages before putting them in the ADF.

Document Sizes Supported

Length:	147.3 to 355.6 mm
Width:	147.3 to 215.9 mm
Weight:	64 to 90 g/m ²

How to load documents

! Important

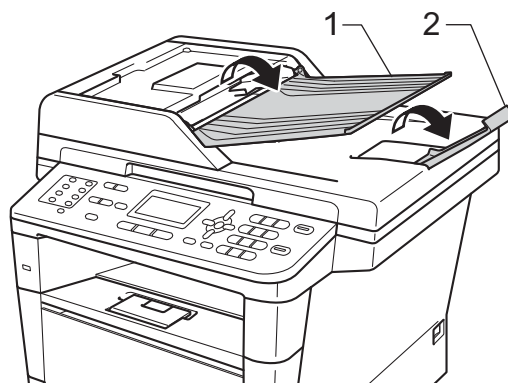
- DO NOT leave thick documents on the scanner glass. If you do this, the ADF may jam.
- DO NOT use paper that is curled, wrinkled, folded, ripped, stapled, paper-clipped, pasted or taped.
- DO NOT use cardboard, newspaper or fabric.
- To avoid damaging your machine while using the ADF, DO NOT pull on the document while it is feeding.



Note

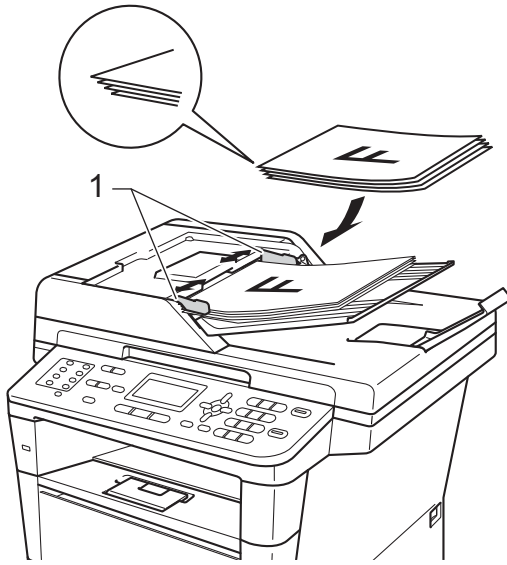
- To scan documents that are not suitable for the ADF, see *Using the scanner glass* >> page 24.
- It is easier to use the ADF if you are loading a multiple page document.
- Make sure documents with correction fluid or written with ink are completely dry.

- 1 Unfold the ADF document support (1). Lift up and unfold the ADF document output support flap (2).



- 2 Fan the pages well.
- 3 Stagger the pages of your document *face up top edge first*, in the ADF until the LCD display message changes and you feel the top page touch the feed rollers.

- Adjust the paper guides (1) to fit the width of your document.



Note

To scan non-standard documents, see *Using the scanner glass* >> page 24.

Using the scanner glass

You can use the scanner glass to fax, copy or scan pages of a book, one page at a time.

Document Sizes Supported

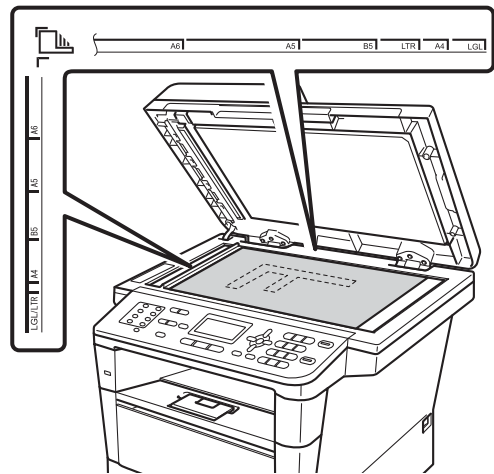
Length:	(MFC-8910DW) Up to 355.6 mm
	(MFC-8510DN) Up to 300.0 mm
Width:	Up to 215.9 mm
Weight:	Up to 2.0 kg

How to load documents

Note

To use the scanner glass, the ADF must be empty.

- Lift the document cover.
- Using the document guidelines on the left and top, place the document *face down* in the upper left corner of the scanner glass.



- Close the document cover.

Important


If the document is a book or is thick do not slam the cover or press on it.

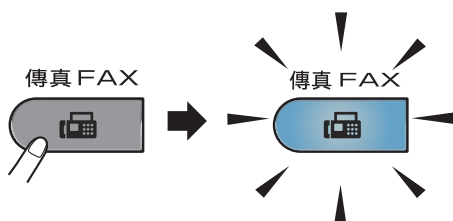
4

Sending a fax

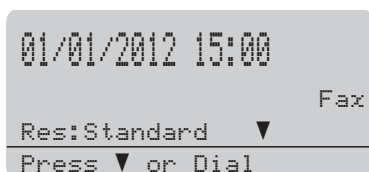
How to send a fax

The following steps show you how to send a fax.

- 1 When you want to send a fax, or change fax send or receive settings, press the  (**FAX**) key to illuminate it in blue.



- The LCD shows:



- 2 Do one of the following to load your document:
 - Place the document *face up* in the ADF. (See *Using the automatic document feeder (ADF)* >> page 23.)
 - Load your document *face down* on the scanner glass. (See *Using the scanner glass* >> page 24.)





Note

To send faxes with multiple pages use the ADF.

- 3 Do one of the following:
 - If you want to change fax resolution, press ▼ and press ◀ or ▶ to choose fax resolution.
Press **OK**.
 - To send the document, go to Step 4.
- 4 (MFC-8910DW)
Do one of the options below:
 - If you want to send a single-sided document, go to Step 5.
 - If you want to send a 2-sided document, press **Duplex**.



Note

- You can send 2-sided documents from the ADF.
 - When the machine is ready to scan 2-sided documents the LCD shows  for Duplex in the lower right corner.
- 5 Enter the fax number by using the dial pad (up to 40 digits), by pressing a One Touch key, or by pressing  (**Address Book**) twice and entering a three-digit Speed Dial number.

6 Press **Start**.

Faxing from the ADF

- The machine starts scanning the document.

Faxing from the scanner glass

- The machine starts scanning the first page.

Do one of the following:

- To send a single page, press **2** to choose *No (Send)* (or press **Start** again). The machine starts sending the document.
- To send more than one page, press **1** to choose *Yes* and place the next page on the scanner glass. Press **OK**. The machine starts scanning the page. (Repeat this step for each additional page.) Press **2** to choose *No (Send)* when all the pages have been scanned. The machine starts sending the document.



Note

To cancel a fax in process, press **Stop/Exit**.

Fax settings


You can change fax settings.

(See Advanced User's Guide: *Sending a fax*.)

- Duplex Scan (2-sided fax layout)
(For MFC-8910DW)
- Contrast
- Fax Resolution
- Broadcast
- Real Time TX
- Overseas Mode
- Delayed Fax
- Batch TX
- Coverpage (Setup)
- Coverpage (Message)
- Destination
- Polled TX

Faxing Letter, Legal or Folio size documents from the scanner glass

When faxing Letter, Legal or Folio ¹ size documents, you will need to set the scan glass size to Letter or Legal/Folio ¹; otherwise, a portion of your faxes will be missing.

- 1 Make sure you are in FAX mode .
- 2 Press **Menu, 1, 9, 1**.

```
19.Document Scan
  1.Glass ScanSize
  ▲   A4
  ▼   Letter
-----
Select ▲▼ or OK
```

- 3 Press **▲** or **▼** to choose Letter or Legal/Folio ¹. Press **OK**.
- 4 Press **Stop/Exit**.

¹ The Legal/Folio option is available for MFC-8910DW.

Canceling a fax in process

Press **Stop/Exit** to cancel the fax. If you press **Stop/Exit** while the machine is dialling or sending, the LCD will ask you to confirm.

```
Clear Fax?
-----
▲   1.Yes
▼   2.No
-----
Select ▲▼ or OK
```

Press **1** to cancel the fax.

Transmission Verification Report

You can use the Transmission Verification Report as proof that you sent a fax. (See Advanced User's Guide: *Transmission Verification Report*.) This report lists the receiving party's name or fax number, the time and date of transmission, duration of transmission, number of pages sent, and whether or not the transmission was successful.

There are several settings available for the Transmission Verification Report:

- **On:** Prints a report after every fax you send.
- **On+Image:** Prints a report after every fax you send. A portion of the fax's first page appears on the report.
- **Off:** Prints a report if your fax is unsuccessful due to a transmission error. Off is the default setting.
- **Off+Image:** Prints a report if your fax is unsuccessful due to a transmission error. A portion of the fax's first page appears on the report.

- 1 Press **Menu, 2, 4, 1**.

```
24.Report Setting
  1.Transmission
  ▲   Off
  ▼   Off+Image
-----
Select ▲▼ or OK
```

- 2 Press **▲** or **▼** to choose On, On+Image, Off or Off+Image. Press **OK**.
- 3 Press **Stop/Exit**.



Note

- If you choose `On+Image` or `Off+Image`, the image will only appear on the Transmission Verification Report if Real Time Transmission is set to `Off`. (See *Advanced User's Guide: Real Time Transmission*.)
 - If the transmission is successful, `OK` will appear next to `RESULT` on the Transmission Verification Report. If the transmission is not successful, `NG` will appear next to `RESULT`.
-

Receive modes



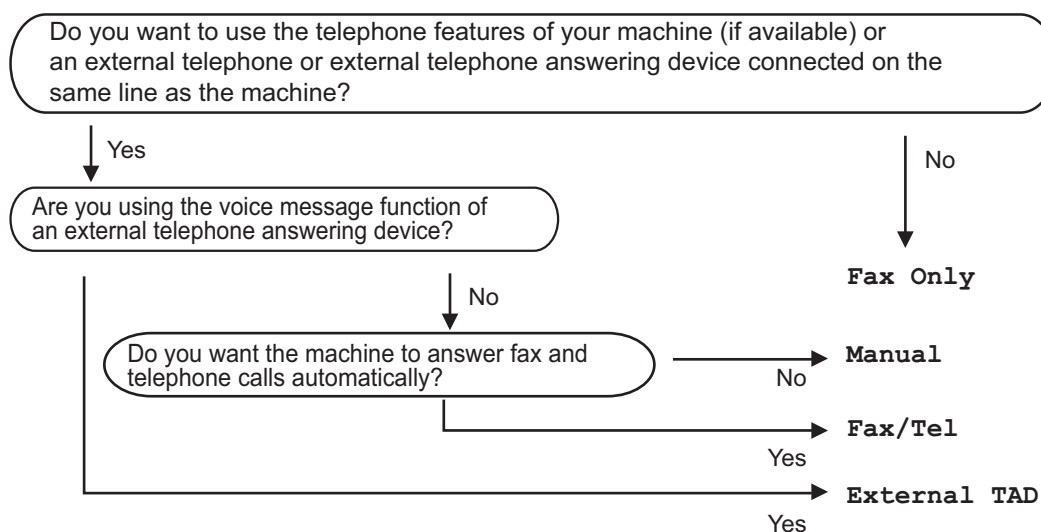
Note

You can use four sizes of paper for printing faxes: A4, Letter, Legal or Folio.

You must choose a receive mode depending on the external devices and telephone services you have on your line.

Choosing the receive mode

By default, your machine will automatically receive any faxes that are sent to it. The diagrams below will help you choose the correct mode. (For more detailed information about the receive modes, see *Using receive modes* >> page 30.)



To set the receive mode follow the instructions below.

- 1 Press **Menu, 0, 1**.
- 2 Press **▲** or **▼** to choose the receive mode.
Press **OK**.



Note

If you cannot change the Receive Mode, make sure the Distinctive Ring feature is set to Off. (See *Distinctive Ring* >> page 35)

- 3 Press **Stop/Exit**.

The LCD will display the current receive mode.

Using receive modes

Some receive modes answer automatically (Fax Only and Fax/Tel). You may want to change the Ring Delay before using these modes. (See *Ring Delay* >> page 31.)

Fax Only

Fax Only mode will automatically answer every call as a fax.

Fax/Tel

Fax/Tel mode helps you automatically manage incoming calls, by recognizing whether they are fax or voice calls and handling them in one of the following ways:

- Faxes will be automatically received.
- Voice calls will start the F/T ring to tell you to pick up the line. The F/T ring is a fast pseudo/double-ring made by your machine.

(Also see *F/T Ring Time (Fax/Tel mode only)* >> page 31 and *Ring Delay* >> page 31.)

Manual

Manual mode turns off all automatic answering functions unless you are using the Distinctive Ring Receive feature.

To receive a fax in Manual mode lift the handset of the external telephone or press **Hook**. When you hear fax tones (short repeating beeps), press **Start**, and then press **2** to receive a fax. You can also use the Easy Receive feature to receive faxes by lifting a handset on the same line as the machine.

(Also see *Easy Receive* >> page 32.)

External TAD

External TAD mode lets an external answering device manage your incoming calls. Incoming calls will be handled in the following ways:

- Faxes will be automatically received.
- Voice callers can record a message on the external TAD.


(For more information see *Connecting an external TAD (telephone answering device)* >> page 36.)

Receive Mode settings

Ring Delay

The Ring Delay setting sets the number of times the machine rings before it answers in *Fax Only* and *Fax/Tel* modes.

If you have external or extension telephones on the same line as the machine, keep the Ring Delay setting of 2. (See *Using external and extension telephones* >> page 38 and *Easy Receive* >> page 32.)

- 1 Make sure you are in FAX mode .
- 2 Press **Menu, 2, 1, 1**.
- 3 Press **▲** or **▼** to choose how many times the line rings before the machine answers.
Press **OK**.
- 4 Press **Stop/Exit**.



Note


If you choose 00, the machine will answer immediately and the line will not ring at all.

F/T Ring Time (Fax/Tel mode only)

When somebody calls your machine, you and your caller will hear the normal telephone ring sound. The number of rings is set by the Ring Delay setting.

If the call is a fax, then your machine will receive it; however, if it is a voice call the machine will sound the F/T ring (a fast double-ring) for the time you have set in the F/T Ring Time setting. If you hear the F/T ring it means that you have a voice caller on the line.

Because the F/T ring is made by the machine, extension and external telephones will *not* ring; however, you can still answer the call on any telephone. (For more information see *Using Remote Codes* >> page 38.)

- 1 Make sure you are in FAX mode .
- 2 Press **Menu, 2, 1, 2**.

```
21.Setup Receive
 2.F/T Ring Time
▲ 20 Secs
▼ 30 Secs
Select ▲▼ or OK
```

- 3 Press **▲** or **▼** to choose how long the machine will ring to alert you that you have a voice call (20, 30, 40 or 70 seconds).
Press **OK**.
- 4 Press **Stop/Exit**.

Easy Receive

If Easy Receive is On:

The machine can receive a fax automatically, even if you answer the call. When you see *Receiving* on the LCD or hear a click on the phone line through the handset you are using, just replace the handset. Your machine will do the rest.

If Easy Receive is Off:


If you are at the machine and answer a fax call first by lifting the external handset, then press **Start**, and then press **2** to receive.

If you answered at an extension telephone press ***51**. (See *Using external and extension telephones* >> page 38.)



Note

- If this feature is set to *On*, but your machine does not connect a fax call when you lift an extension telephone handset, press the fax receive code ***51**.
- If you send faxes from a computer on the same telephone line and the machine intercepts them, set Easy Receive to *Off*.

1 Make sure you are in FAX mode .

2 Press **Menu, 2, 1, 3**.

```

21.Setup Receive
 3.Easy Receive
▲      On
▼      Off
Select ▲▼ or OK
  
```

3 Press ▲ or ▼ to choose *On* (or *Off*). Press **OK**.

4 Press **Stop/Exit**.

How to use PC-FAX

PC-FAX Receive (For Windows® only)

If you turn on the PC-Fax Receive feature your machine will store received faxes in memory and send them to your PC automatically. You can then use your PC to view and store these faxes.

Even if you have turned off your PC (at night or on the weekend, for example), your machine will receive and store your faxes in its memory. The LCD will show the number of stored faxes received, for example:

PC Fax Msg:001

When you start your PC and the PC-Fax Receiving software runs, your machine transfers your faxes to your PC automatically.

For PC-Fax Receive to work you must have the PC-FAX Receive software running on your PC.

From the Windows® **Start** menu, select **All Programs, Brother, MFC-XXXX, PC-Fax Receiving**, and select **Receive**. (XXXX is your model name.)

If you choose Backup Print On, the machine will also print the fax.

- 1 Press **Menu, 2, 5, 1**.

```
25.Remote Fax Opt
 1.Fwd/Page/Store
▲ Fax Forward
▼ Paging
Select ▲▼ or OK
```

- 2 Press **▲** or **▼** to choose PC Fax Receive.
Press **OK**.

- 3 The LCD shows a reminder to start the PC-FAX Receive program on your computer. If you have started the PC-FAX Receive program, press **OK**. If you have not started the PC-FAX Receive program, see **»» Software User's Guide: PC-FAX receiving**.

- 4 Press **▲** or **▼** to choose **<USB>** or your computer name if the machine is connected to a network.

```
25.Remote Fax Opt
 1.Fwd/Page/Store
▲ <USB>
▼ PCNAME01
Select ▲▼ or OK
```

Press **OK**.

- 5 Press **▲** or **▼** to choose **On** or **Off**.

```
25.Remote Fax Opt
 Backup Print
▲ Off
▼ On
Select ▲▼ or OK
```

Press **OK**.

- 6 Press **Stop/Exit**.

! Important

If you choose Backup Print On, the machine will also print the fax at your machine so you will have a copy. This is a safety feature in case there is a power failure before the fax is transferred to your PC.

**Note**

- Before you can set up PC-Fax Receive you must install the MFL-Pro Suite software on your PC. Make sure your PC is connected and turned on. (See Software User's Guide: *PC-FAX receiving*.)
- If your machine has an error and is unable to print faxes from memory, you can use this setting to transfer your faxes to a PC. (See *Transferring your faxes or Fax Journal report* >> page 85.)
- PC-Fax Receive is not supported in Mac OS.

PC-FAX Send

The Brother PC-FAX feature lets you use your PC to send a document from an application as a standard fax. You can send a file created in any application on your PC as a PC-FAX. You can even attach a cover page.


For details >> Software User's Guide: *PC-FAX sending*

How to send a PC-FAX:

Contact your application vendor if you need more support.

- 1 From your application select **File**, and then **Print**.
The Print dialog box will be displayed. (The steps may vary depending on your application.)
- 2 Select the **Brother PC-FAX v.3**.
- 3 Click **OK**.
The **Brother PC-FAX** user interface will be displayed.

- 4 Enter the recipient's fax number using your computer keyboard or by clicking the numeric keypad of the **Brother PC-FAX** user interface. You can also select a stored number from the **Address Book**.

Click  when using your computer keyboard or the numeric keypad.

- 5 Click **Start**.
Your document will be sent to the Brother machine and then faxed to the recipient.

Telephone line services

Distinctive Ring

This machine feature lets you use the Distinctive Ringing subscriber service offered by some telephone companies, which allows you to have several telephone numbers on one telephone line. Each telephone number has its own Distinctive Ringing pattern, so you will know which telephone number is ringing. This is one way you can have a separate telephone number for your machine.

Your machine has a Distinctive Ringing function, allowing you to dedicate one telephone number just for receiving faxes. You will need to set Distinctive Ringing to **On**.



Note

You can switch it off temporarily, then turn it back on. When you get a new fax number, make sure you reset this function.

- This machine will answer only calls to the Distinctive Ring number.

Turning on Distinctive Ring Very important!

After you have set the Distinctive Ring feature to on, the receive mode is set to **Manual** automatically. Unless you have a TAD or Voice Mail set up on the Distinctive Ring number, **Manual** mode means you must answer all the calls yourself. You cannot change the receive mode to another mode while the Distinctive Ring is set to on. When distinctive Ring is on, the LCD will show **D/R** as the Receive Mode.

- 1 Press **Menu, 2, 0, 2**.
- 2 Press **▲** or **▼** to choose **On**.
- 3 Press **OK**.
- 4 Press **Stop/Exit**.
Distinctive Ring is now set to **On**.

Turning off Distinctive Ring

- 1 Press **Menu, 2, 0, 2**.
- 2 Press **▲** or **▼** to choose **Off**.
Press **OK**.
- 3 Press **Stop/Exit**.



Note

If you turn off Distinctive Ring, the machine will stay in **Manual** receive mode so you will need to set the Receive Mode again. (See *Choosing the receive mode* >> page 29.)

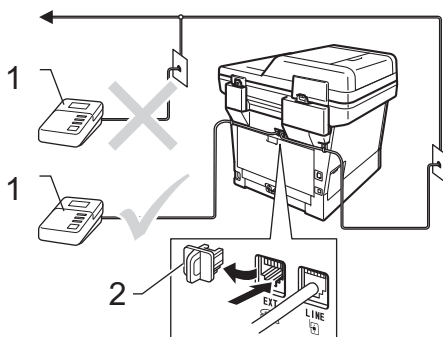
Connecting an external TAD (telephone answering device)

You can connect an external Telephone Answering Device (TAD) to the same line as your machine. When the TAD answers a call, your machine will “listen” for the CNG (fax calling) tones sent by a sending fax machine. If it hears them it will take over the call and receive the fax. If it does not hear them, it will let your TAD take a voice message and the display will show *Telephone*.

The external TAD must answer within four rings (we recommend you set it to two rings). This is because your machine cannot hear the CNG tones until the external TAD has picked up the call. The sending machine will send CNG tones for only eight to ten seconds longer. We do not recommend using the toll saver feature on your external TAD if it needs more than four rings to activate it.

Unless you are using Distinctive Ring, the TAD must be connected to the EXT. jack of the machine.

Before you connect an external TAD (telephone answering device), remove the protective cap (2) from the EXT. jack on the machine.



1 TAD

2 Protective Cap



Note

If you have problems receiving faxes, reduce the ring delay setting on your external TAD.

Connections

The external TAD must be plugged into the back of the machine, into the jack labeled EXT. Your machine cannot work correctly if you plug the TAD into a wall jack (unless you are using Distinctive Ring).

- 1 Plug the telephone line cord from the telephone wall jack into the back of the machine, in the jack labeled LINE.
- 2 Plug the telephone line cord from your external TAD into the back of the machine, in the jack labeled EXT. (Make sure this cord is connected to the TAD at the TAD's telephone line jack, and not its handset jack.)
- 3 Set your external TAD to four rings or less. (The machine's Ring Delay setting does not apply.)
- 4 Record the outgoing message on your external TAD.
- 5 Set the TAD to answer calls.
- 6 Set the Receive Mode on your machine to *External TAD*. (See *Choosing the receive mode* >> page 29.)

Recording an outgoing message (OGM)

- 1 Record 5 seconds of silence at the beginning of your message. This allows your machine time to listen for fax tones.
- 2 Limit your speaking to 20 seconds.
- 3 End your 20-second message by giving your Fax Receive Code for people sending manual faxes. For example: "After the beep, leave a message or press *51 and **Start** to send a fax."



Note

We recommend beginning your OGM with an initial 5 second silence because the machine cannot hear fax tones over a loud voice. You may try leaving out this pause, but if your machine has trouble receiving, then you should re-record the OGM to include it.

Multi-line connections (PBX)

We suggest you ask the company who installed your PBX to connect your machine. If you have a multi line system we suggest you ask the installer to connect the unit to the last line on the system. This prevents the machine being activated each time the system receives telephone calls. If all incoming calls will be answered by a switchboard operator we recommend that you set the Receive Mode to *Manual*.

We cannot guarantee that your machine will operate correctly under all circumstances when connected to a PBX. Any difficulties with sending or receiving faxes should be reported first to the company who handles your PBX.

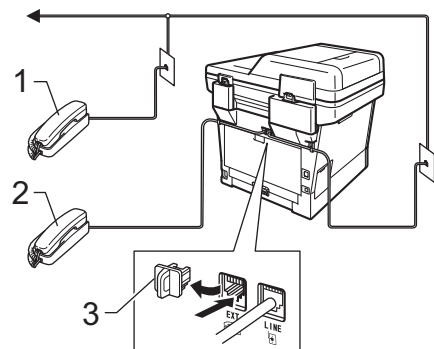
External and extension telephones

Connecting an external or extension telephone

You can connect a separate telephone directly to your machine as shown in the diagram below.

Connect the telephone line cord to the jack labeled EXT.

Before you connect an external telephone, remove the protective cap (3) from the EXT. jack on the machine.



- 1 Extension telephone
- 2 External telephone
- 3 Protective Cap

When you are using an external telephone, the LCD shows *Telephone*.

Using external and extension telephones

Using extension telephones

If you answer a fax call at an extension telephone, you can make your machine receive the fax by pressing the Fax Receive Code ***51**.

If the machine answers a voice call and pseudo/double-rings for you to take over, you can take the call at an extension telephone by pressing the Telephone Answer Code **#51**. (See *F/T Ring Time (Fax/Tel mode only)* >> page 31.)

Using an external telephone (Connected to the EXT. jack of the machine)

If you answer a fax call at the external telephone connected to the EXT. jack of the machine, you can make the machine receive the fax by pressing **Start** and then **2** to *Receive*.

If the machine answers a voice call and pseudo/double-rings for you to take over, you can take the call at the external telephone by pressing **Hook**.

If you answer a call and no one is on the line:

You should assume that you're receiving a manual fax.

Press ***51** and wait for the chirp or until the LCD shows *Receiving*, and then hang up.



Note

You can also use the Easy Receive feature to make your machine automatically take the call. (See *Easy Receive* >> page 32.)

Using a non-Brother cordless external handset

If your non-Brother cordless telephone is connected to the EXT. jack of the machine (see page 37) and you typically carry the cordless handset elsewhere, it is easier to answer calls during the Ring Delay.

If you let the machine answer first, you will have to go to the machine so you can press **Hook** to transfer the call to the cordless handset.

Using Remote Codes

Fax Receive Code

If you answer a fax call on an extension telephone, you can tell your machine to receive it by pressing the Fax Receive Code ***51**. Wait for the chirping sounds then replace the handset. (See *Easy Receive* >> page 32.)

If you answer a fax call at the external telephone, you can make the machine receive the fax by pressing **Start**.


Telephone Answer Code

If you receive a voice call and the machine is in F/T mode, it will start to sound the F/T (pseudo/double-ring) after the initial ring delay. If you pick up the call on an extension telephone you can turn the F/T ring off by pressing **#51** (make sure you press this *between* the rings).

If the machine answers a voice call and pseudo/double-rings for you to take over, you can take the call at the external telephone by pressing **Hook**.

Changing the Remote Codes

The preset Fax Receive Code is *51. The preset Telephone Answer Code is #51. If you are always disconnected when accessing your External TAD, try changing the three-digit remote codes, for example ### and 999.

- 1 Make sure you are in FAX mode .

- 2 Press **Menu, 2, 1, 4**.

```
21.Setup Receive
 4.Remote Codes
▲   On
▼   Off
-----
Select ▲▼ or OK
```

- 3 Press ▲ or ▼ to choose On (or Off). Press **OK**.
- 4 If you chose On in step 3, enter the new Fax Receive Code. Press **OK**.
- 5 Enter the new Telephone Answer Code. Press **OK**.
- 6 Press **Stop/Exit**.

8

Dialling and storing numbers

How to dial

You can dial in any of the following ways.

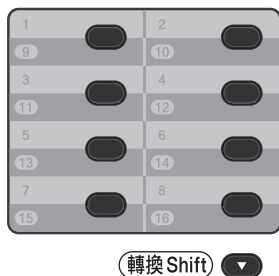
Manual dialling

Use the dial pad to enter all the digits of the telephone or fax number.




One Touch dialling

Press the One Touch key that stores the number you want to call. (See *Storing One Touch Dial numbers* >> page 44.)



To dial One Touch numbers 9 to 16, hold down **Shift** as you press the One Touch key.

Speed dialling

Press  (**Address Book**) twice and enter the three digit Speed Dial number. (See *Storing Speed Dial numbers* >> page 46.)



Three-digit number





Note

If the LCD shows *Register Now?* when you enter a One Touch or a Speed Dial number, it means that a number is not stored there.

Search

You can search alphabetically for names you have stored in the One Touch and Speed Dial memories. (See *Storing One Touch Dial numbers* >> page 44 and *Storing Speed Dial numbers* >> page 46.)

- 1 Make sure you are in FAX mode .
- 2 Press  (**Address Book**).
- 3 Press the dial pad key for the first few letters of the name. (Use the chart on *Entering text* >> page 152 to help you enter letters.)
Press **OK**.
- 4 Press **▲** or **▼** to scroll until you find the name you are looking for.
Press **OK**.
- 5 Press **Start**.



Note

- If you do not enter a letter and press **OK** in step 3, all registered names will appear. Press **▲** or **▼** to scroll until you find the name you are looking for.

If you are using LDAP you must enter the letters of your search in step 3. (The LDAP function is available as a download for MFC-8510DN.)

- If the LCD shows `No Contact Found` when you enter the first few letters of the name, it means that a name for the letter is not stored.

LDAP search (MFC-8910DW)

If the machine is connected to your LDAP server, you can search for information such as fax numbers and E-mail addresses from your server. (See *How to set up LDAP* >> *Network User's Guide*)

(The LDAP function is available as a download for MFC-8510DN .)

Fax redial

If you are sending a fax manually and the line is busy, press **Hook** and then **Redial/Pause**, wait for the other fax machine to answer, and then press **Start** to try again. If you want to make a second call to the last number dialed, you can save time by pressing **Redial/Pause** and **Start**.

Redial/Pause only works if you dialed from the control panel.

If you are sending a fax automatically and the line is busy, the machine will automatically redial one time after five minutes.

Storing numbers

You can set up your machine to do the following types of easy dialling: One Touch, Speed Dial and Groups for Broadcasting faxes. You can also specify the default resolution for each One Touch and Speed Dial number. When you dial a quick dial number, the LCD shows the name, if you stored it, or the number. A scan profile can also be stored along with the fax number.

If you lose electrical power, the quick dial numbers stored in the memory will not be lost.

A scan profile is the resolution and other scan settings that you choose when you store a number. For example, you can select Standard, Fine, S.Fine or Photo for the Fax/Tel option and Standard, Fine or Photo for IFAX. Or, you can select Color 100 dpi, Color 200 dpi, Color 300 dpi, Color 600 dpi, Color Auto, Gray 100 dpi, Gray 200 dpi, Gray 300 dpi, Gray Auto, B&W 300 dpi, B&W 200 dpi, or B&W 200x100 dpi if you selected one of the E-Mail options. (The IFAX and E-Mail options are available as a download for MFC-8510DN.)

One Touch and Speed Dial Storage Options

The following chart shows the selections for the settings for One Touch and Speed Dial numbers when IFAX and E-mail options are on your machine. When you store numbers, the LCD instructs you to choose from the options shown in the following steps.

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6
Enter One Touch or Speed Dial Location	Select Registration Type ¹	Enter Number or E-mail Address	Enter Name	Select Resolution	Select File type
One Touch or Speed Dial	Fax/Tel	Fax Number or Tel Number	(Name)	Std, Fine, S. Fine, Photo	-
	IFAX	E-mail Address		Std, Fine, Photo	-
	Email Color PDF			100dpi, 200dpi, 300dpi, 600dpi, Auto	PDF, PDF/A, SPDF, SiPDF
	Email Color JPG			100dpi, 200dpi, 300dpi, 600dpi, Auto	-
	Email Color XPS			100dpi, 200dpi, 300dpi, 600dpi, Auto	-
	Email Gray PDF			100dpi, 200dpi, 300dpi, Auto	PDF, PDF/A, SPDF, SiPDF
	Email Gray JPG			100dpi, 200dpi, 300dpi, Auto	-
	Email Gray XPS			100dpi, 200dpi, 300dpi, Auto	-
	Email B&W PDF			300dpi, 200dpi, 200x100dpi	PDF, PDF/A, SPDF, SiPDF
	Email B&W TIFF			300dpi, 200dpi, 200x100dpi	-

¹ Registration Type selection is available for MFC-8910DW. The selection is also available for MFC-8510DN if you download the IFAX and E-mail options from the Brother Solutions Center at: <http://solutions.brother.com/>.



Note

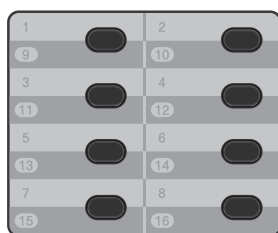
- PDF/A is a PDF file format intended for long-term archiving. This format contains all the necessary information for reproducing the document after long-term storage.
- SPDF (Secure PDF) is a PDF file format that has been password-protected.
- SiPDF (Signed PDF) is a PDF file format that helps prevent data tampering and the impersonation of an author by including a digital certificate within the document. If you choose SiPDF, you must install a certificate on your machine using Web Based Management. Choose **Signed PDF** from **Administrator** in Web Based Management. (How to install a certificate ►► *Network User's Guide*)

Storing a pause

Press **Redial/Pause** to insert a 3.5-second pause between numbers. You can press **Redial/Pause** as many times as needed to increase the length of the pause.

Storing One Touch Dial numbers

Your machine has 8 One Touch keys where you can store 16 fax or telephone numbers for automatic dialling. To access numbers 9 to 16, hold down **Shift** as you press the One Touch key.



轉換 Shift ▼

For MFC-8510DN:

You can add the IFAX and E-mail options by downloading them from the Brother Solutions Center at: <http://solutions.brother.com/>.

Then you can store IFAX and E-mail options on your machine by following the steps for MFC-8910DW. See *For MFC-8910DW (or if you downloaded IFAX and E-mail options)*: >> page 44.

- 1 Press the One Touch key where you want to store the number. If a number is not stored there, the LCD shows *Register Now?*. Press **1** to choose *Yes*.
- 2 Enter the telephone or fax number (up to 20 characters). Press **OK**.

- 3 Do one of the following:
 - Enter the name using the dial pad (up to 15 characters). To help you enter letters, see *Entering text* >> page 152 .
Press **OK**.
 - Press **OK** to store the number without a name.
- 4 If you want to save a fax resolution along with the number, do one of the following:
 - To store the fax resolution, press ▲ or ▼ to choose *Std, Fine, S. Fine* or *Photo*.
Press **OK**.
 - Press **OK** if you don't want to change the default resolution.

For MFC-8910DW (or if you downloaded IFAX and E-mail options):

If you installed the IFAX and E-mail options on the MFC-8510DN, use this procedure to store the One Touch Dial numbers.

- 1 Press the One Touch key where you want to store the number or E-mail address. If a number or E-mail address is not stored there, the LCD shows *Register Now?*
Press **1** to choose *Yes*.
- 2 Press ▲ or ▼ to choose one of the following:
 - Fax/Tel
 - IFAX
 - Email Color PDF
 - Email Color JPG
 - Email Color XPS
 - Email Gray PDF
 - Email Gray JPG
 - Email Gray XPS
 - Email B&W PDF
 - Email B&W TIFF
 Press **OK**.

- 3 Enter the fax/telephone number (up to 20 characters each) or E-mail address (up to 60 characters each). For help entering characters, see *Entering text* >> page 152.
Press **OK**.



Note

- If you selected an E-Mail Registration Type in step 2 and save the E-mail address, you can only use the E-mail address when you are in SCAN mode.
- If you selected the IFAX Registration Type in step 2 and save the E-mail address, you can only use the E-mail address when you are in FAX mode.

- 4 Do one of the following:
- Enter the name using the dial pad (up to 15 characters).
Press **OK**.
 - Press **OK** to store the number or E-mail address without a name.

- 5 Do one of the following:
- If you want to save a fax/scan resolution along with the number, go to the appropriate step as shown in the following table.
 - If you do not want to change the default resolution, press **OK**.

Option selected in step 2	Go to step
Fax/Tel	6
IFAX	7
Email Color PDF	8
Email Color JPG	
Email Color XPS	
Email Gray PDF	9
Email Gray JPG	
Email Gray XPS	
Email B&W PDF	10
Email B&W TIFF	



Note

- When you do a broadcast and you have saved a scan profile along with the number or E-mail address, the scan profile of the One Touch, Speed Dial or Group number you chose *first* will be applied to the broadcast.
- You can also store the number or E-mail address by pressing **Menu, 2, 3, 1**.
- For details about the file format >> *Software User's Guide: Using the Scan key*.

- 6 Press **▲** or **▼** to choose the resolution from Std, Fine, S.Fine or Photo. Press **OK**.
- 7 Press **▲** or **▼** to choose the resolution from Std, Fine or Photo. Press **OK**.
- 8 Press **▲** or **▼** to choose the resolution from 100dpi, 200dpi, 300dpi, 600dpi or Auto. Press **OK**.
- When you chose Email Color PDF, go to step 11.

- 9 Press ▲ or ▼ to choose the resolution from 100dpi, 200dpi, 300dpi or Auto.
Press **OK**.
- When you chose Email Gray PDF, go to step 11.
- 10 Press ▲ or ▼ to choose the resolution from 300dpi, 200dpi or 200x100dpi.
Press **OK**.
- When you chose Email B&W PDF, go to step 11.
- 11 Press ▲ or ▼ to choose the PDF type from PDF, PDF/A, SPDF (Secure PDF) or SiPDF (Signed PDF) that will be used to send to your PC.
Press **OK**.



Note

If you choose SPDF (Secure PDF), the machine will ask you to enter a four-digit password using the numbers 0-9 before it starts scanning.

Storing Speed Dial numbers

You can store your frequently used numbers as Speed Dial numbers, so that when you dial you will only have to press a few keys

(**(Address Book)** twice, the three-digit number and **Start**). The machine can store 300 Speed Dial numbers (001- 300).

For MFC-8510DN:


You can add the IFAX and E-mail options by downloading them from the Brother Solutions Center at: <http://solutions.brother.com/>.


Then you can store IFAX and E-mail options on your machine by following the steps for MFC-8910DW. See *For MFC-8910DW (or if you downloaded IFAX and E-mail options)*: >> page 47.

- 1 Press **(Address Book)** twice and enter a three-digit Speed Dial location number (001-300).
If a number is not stored there, the LCD shows *Register Now?*
Press **1** to choose *Yes*.
- 2 Enter the telephone or fax number (up to 20 characters).
Press **OK**.
- 3 Do one of the following:
 - Enter the name using the dial pad (up to 15 characters). For help entering characters, see *Entering text* >> page 152.
Press **OK**.
 - Press **OK** to store the number without a name.
- 4 If you want to save a fax resolution along with the number, do one of the following:
 - To store the fax resolution, press ▲ or ▼ to choose *Std, Fine, S. Fine* or *Photo*.
Press **OK**.
 - Press **OK** if you don't want to change the default resolution.

**For MFC-8910DW
(or if you downloaded IFAX and
E-mail options):**


If you have installed the IFAX and E-mail options on the MFC-8510DN, use this procedure to store the Speed Dial numbers.

- 1 Press  (**Address Book**) twice and enter a three-digit Speed Dial location number (001-300).
If a number or E-mail address is not stored there, the LCD shows
Register Now?
Press **1** to choose Yes.
- 2 Press **▲** or **▼** to choose one of the following:
Fax/Tel
IFAX
Email Color PDF
Email Color JPG
Email Color XPS
Email Gray PDF
Email Gray JPG
Email Gray XPS
Email B&W PDF
Email B&W TIFF
Press **OK**.
- 3 Enter the fax/telephone number (up to 20 characters each) or E-mail address (up to 60 characters each). For help entering characters, see *Entering text* >> page 152.
Press **OK**.

-  **Note**
- If you selected an E-Mail Registration Type in step 2 and save the E-mail address, you can only use the E-mail address when you are in SCAN mode.
 - If you selected the IFAX Registration Type in step 2 and save the E-mail address, you can only use the E-mail address when you are in FAX mode.

- 4 Do one of the following:
 - Enter the name using the dial pad (up to 15 characters).
Press **OK**.
 - Press **OK** to store the number or E-mail address without a name.
- 5 Do one of the following:
 - If you want to save a fax/scan resolution along with the number, go to the appropriate step as shown in the following table:
 - If you do not want to change the default resolution, press **OK**.

Option selected in step 2	Go to step
Fax/Tel	6
IFAX	7
Email Color PDF	8
Email Color JPG	
Email Color XPS	
Email Gray PDF	9
Email Gray JPG	
Email Gray XPS	
Email B&W PDF	10
Email B&W TIFF	

-  **Note**
- When you do a broadcast and you have saved a scan profile along with the number or E-mail address, the scan profile of the One Touch, Speed Dial or Group number you chose *first* will be applied to the broadcast.
 - For details about the file format >> Software User's Guide: *Using the Scan key*.
 - You can also store the number by pressing **Menu, 2, 3, 2**.

- 6 Press **▲** or **▼** to choose the resolution from Std, Fine, S. Fine or Photo.
Press **OK**.

- 7 Press ▲ or ▼ to choose the resolution from Std, Fine or Photo. Press **OK**.
- 8 Press ▲ or ▼ to choose the resolution from 100dpi, 200dpi, 300dpi, 600dpi or Auto. Press **OK**.
 - When you chose Email Color PDF, go to step 11.
- 9 Press ▲ or ▼ to choose the resolution from 100dpi, 200dpi, 300dpi or Auto. Press **OK**.
 - When you chose Email Gray PDF, go to step 11.
- 10 Press ▲ or ▼ to choose the resolution from 300dpi, 200dpi or 200x100dpi. Press **OK**.
 - When you chose Email B&W PDF, go to step 11.
- 11 Press ▲ or ▼ to choose the PDF type from PDF, PDF/A, SPDF (Secure PDF) or SiPDF (Signed PDF) that will be used to send to your PC. Press **OK**.



Note

If you choose SPDF (Secure PDF), the machine will ask you to enter a four-digit password using the numbers 0-9 before it starts scanning.

Changing or Deleting One Touch and Speed Dial numbers

You can change or delete a One Touch or Speed Dial number that has already been stored. The LCD will show the name or number, and if the number has a scheduled job, such as a delayed fax, or a fax forwarding number, it will display a message.

- 1 Do one of the following:
 - To change or delete a stored One Touch number, press **Menu, 2, 3, 1**.

```

23.Address Book
 1.One Touch Dial

One Touch:
Select One Touch
  
```

Press the One Touch key number you want to change or delete.

- To change or delete a stored Speed Dial number, press **Menu, 2, 3, 2**.

```

23.Address Book
 2.Speed Dial

Speed Dial? #_
Enter & OK Key
  
```

Enter the Speed Dial number you want to change or delete, then press **OK**.



Note

If a One Touch or Speed Dial number in the Group you are trying to change has been set to a scheduled job or a fax forwarding number, the LCD will ask you if you want to change the name or number.

- 2 Do one of the following:
- Press **1** to choose *Change* to edit the number, name or E-mail address.
Go to step 3.
 - Press **2** to choose *Clear* to delete all information in a One Touch or Speed Dial number.
When *Erase This Data?* appears, press **1** to choose *Yes* to confirm.
Go to step 4.

```

23.Address Book
  #005:MIKE
▲    1.Change
▼    2.Clear
-----
Select ▲▼ or OK

```

- 3 <For MFC-8510DN:>
Edit the number, name and Resolution by the following the instruction in the Note. When you are finished editing, press **OK**.
(For more details, see *Storing One Touch Dial numbers* >> page 44, steps 2 - 4.)

<For MFC-8910DW or if you downloaded IFAX and E-mail options:>
Edit the Registration Type, number or E-mail address, name and Resolution by the following the instruction in the Note. When you are finished editing, press **OK**.
(For more details, see *Storing One Touch Dial numbers* >> page 44, steps 2 - 11.)



Note

To edit the stored name or number, press ◀ or ▶ to position the cursor under the character you want to change and press **Clear**. Then enter the correct character.

The LCD will display your new setting.


- 4 Press **Stop/Exit**.

9

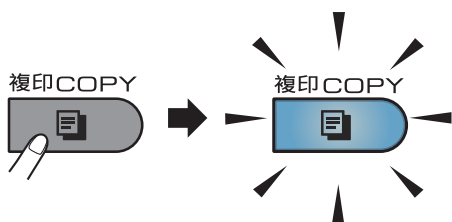
Making copies

How to copy

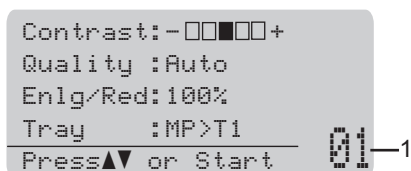
The following steps show the basic copy operation. (See *Advanced User's Guide*.)

- 1 When you want to make a copy, press  (**COPY**) to illuminate it in blue.

- Make sure you are in COPY mode.



- The LCD shows:



1 No. of Copies

Use the dial pad to enter the number of copies you want.



Note

The default setting is FAX mode. You can change the amount of time that the machine stays in COPY mode after the last copy operation. (See *Advanced User's Guide: Mode Timer*.)

- 2 Do one of the following to load your document:

- Place the document *face up* in the ADF. (See *Using the automatic document feeder (ADF)* >> page 23.)
- Load your document *face down* on the scanner glass. (See *Using the scanner glass* >> page 24.)

- 3 Press **Start**.

Stop copying

To stop copying, press **Stop/Exit**.

Copy settings

Press **COPY** and then press **▲** or **▼** to scroll through the copy settings. When the setting you want is highlighted, press **▶** repeatedly until you see the option you want, and then press **OK**.

(BASIC USER'S GUIDE)

For details about changing the following settings, see pages 15 - 16:

- Paper Type
- Paper Size
- Tray Use (*Tray Use in COPY mode*)

(ADVANCED USER'S GUIDE)

For details about changing the following settings >> *Advanced User's Guide: Copy settings*)

- Enlg/Red (Enlarge/Reduce)
- Stack/Sort
- Quality
- Brightness
- Contrast
- Page Layout
- Tray Select (Tray Selection)
- Duplex

10

Printing data from a USB Flash memory drive or digital camera supporting mass storage

With the Direct Print feature, you do not need a computer to print data. You can print by just plugging your USB Flash memory drive into the machine's USB direct interface. You can also connect and print directly from a camera set to USB mass storage mode.

You can use a USB Flash Memory Drive that has the following specifications:

USB Class	USB Mass Storage Class
USB Mass Storage Class	SCSI or SFF-8070i
Transfer protocol	Bulk transfer Only
Format ¹	FAT12/FAT16/FAT32
Sector size	Max. 4096 Byte
Encryption	USB Flash Memory Drive does not secure itself.

¹ NTFS format is not supported.



Note

- Some USB Flash memory drives may not work with the machine.
- If your camera is in PictBridge mode, you cannot print data. Please refer to the documentation supplied with your camera to switch from PictBridge mode to mass storage mode.

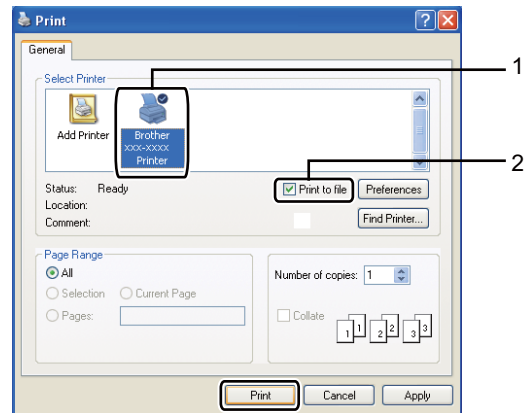
Creating a PRN file for direct printing



Note

The screens in this section may vary depending on your application and operating system.

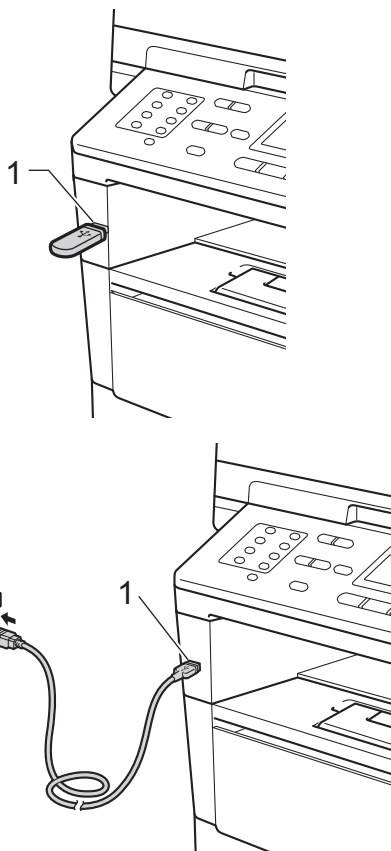
- 1 From the menu bar of an application, click **File**, then **Print**.
- 2 Choose **Brother MFC-XXXX Printer** (1) and check the **Print to file** box (2). Click **Print**.



- 3 Choose the folder you want to save the file to and enter the file name if you are prompted to. If you are prompted for a file name only, you can also specify the folder you want to save the file in by entering the directory name. For example:
C:\Temp\FileName.prn
If you have a USB Flash memory drive or digital camera connected to your computer, you can save the file directly to the USB Flash memory drive.

Printing data directly from the USB Flash memory drive or digital camera supporting mass storage

- 1 Connect your USB Flash memory drive or digital camera to the USB direct interface (1) on the front of the machine. Your machine will enter Direct Print mode automatically. The LCD will automatically show the USB memory menu to confirm the intended use of the USB Flash memory drive or digital camera.



Note

- Make sure your digital camera is turned on.
- If an error occurs, the USB memory menu will not appear on the LCD.
- When the machine is in the Deep Sleep mode, the LCD does not show any information even if you connect a USB Flash memory drive or digital camera to the USB direct interface. Press **Stop/Exit** on the control panel to wake up the machine.

- 2 Press **▲** or **▼** to choose 1.Direct Print. Press **OK**.

Note

- If Direct Print is restricted in Secure Function Lock 2.0 for your User ID, and access has been given to another User ID or Public mode, *Access Denied* will appear on the LCD. The machine will ask your name so you may switch to a User ID or Public mode that has access.
If you are a restricted user with access to Direct Print, press **▲** or **▼** to choose your name and press **OK**. Enter your four-digit password and press **OK**.
- If your machine has been set to Secure Function Lock *On*, you may not be able to access Direct Print. (See *Advanced User's Guide: Switching Users.*)
- If your ID has been restricted to a page limit in Secure Function Lock, the LCD will show *Remaining Pages* with the number of pages you have left to print.

- 3 Press ▲ or ▼ to choose the folder name or file name you want to print. Press **OK**.
If you have chosen the folder name, press ▲ or ▼ to choose the file name you want to print.
Press **OK**.

```
Direct Print
▲1. /FOLDER1
  2. FILE_1.PDF
▼3. FILE_2.PDF
Select ▲▼ or OK
```



Note

- Your digital camera must be switched from PictBridge mode to mass storage mode.
- If you want to print an index of the files, choose *Index Print*, and then press **OK**. Press **Start** to print the data.

- 4 Do one of the following:

- Press ▲ or ▼ to choose a setting you need to change and press **OK**, and then press ▲ or ▼ to choose an option for the setting and press **OK**.
- If you do not need to change the current default settings, go to step 5.

```
Print File Set
▲Paper Size
  Media Type
▼Multiple Page
Select ▲▼ or OK
```



Note

- You can choose the following settings:
 - Paper Size
 - Media Type
 - Multiple Page
 - Orientation
 - Duplex
 - Collate
 - Tray Use
 - Print Quality
 - PDF Option
- Depending on the file type, some of these settings may not appear.

- 5 Press **Start** if you have finished selecting settings.

- 6 Use the dial pad keys to enter the number of copies you want. Press **OK**.

```
Direct Print
FILE_1.PDF
  No. of Copies: 1
Press Start
```

- 7 Press **Start** to print the data.

- 8 Press **Stop/Exit**.

Important

- To prevent damage to your machine, DO NOT connect any device other than a digital camera or USB Flash memory drive to the USB direct interface.
- DO NOT remove the USB Flash memory drive or digital camera from the USB direct interface until the machine has finished printing.



Note

- You can change the default tray that the machine will use for printing. Press **Menu**, **1**, **6**, **3**, and then press **▲** or **▼** to select the tray you want as the new default.
(See *Tray Use in print mode* >> page 17.)
 - You can change the default settings for Direct Print by using the control panel when the machine is not in the Direct Print mode. Press **Menu**, **5** to enter the USB Direct I/F menu. (See *Menu table* >> page 120.)
-

Printing a document

The machine can receive data from your computer and print it. To print from a computer, you must install the printer driver.

(See Software User's Guide: *Printing* for Windows® or *Printing and Faxing* for Macintosh.)

- 1 Install the Brother printer driver from the Installer CD-ROM. (See Quick Setup Guide.)
- 2 From your application, choose the Print command.
- 3 Choose the name of your machine in the **Print** dialog box and click **Properties** (or **Preferences**, depending on the application you are using).
 - Paper Size
 - Orientation
 - Copies
 - Media Type
 - Resolution
 - Print Settings
 - Multiple Page
 - Duplex / Booklet
 - Paper Source
- 5 Click **OK** to begin printing.

12

How to scan to a computer

Scanning a document as a PDF file using ControlCenter4 (Windows®)

(Detailed information >> Software User's Guide: *Scanning*)

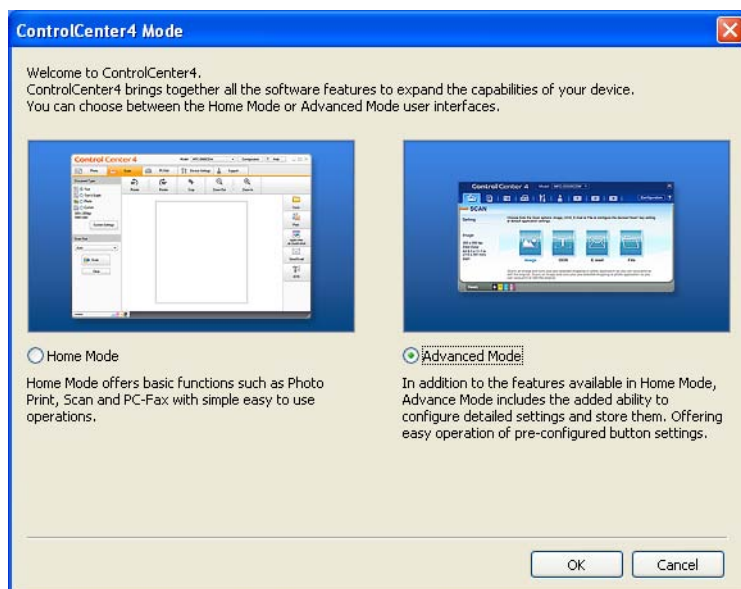


Note

The screens on your PC may vary depending on your model.

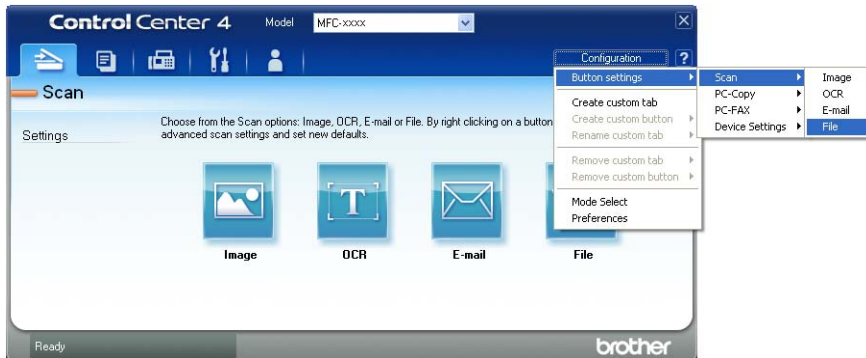
ControlCenter4 is a software utility that lets you quickly and easily access the applications you use most often. Using ControlCenter4 eliminates the need to manually launch specific applications. You can use ControlCenter4 on your computer.

- 1 Load your document. (See *How to load documents* >> page 23.)
- 2 Open ControlCenter4 by clicking **Start/All Programs/Brother/XXX-XXXX** (where XXX-XXXX is your model name)/**ControlCenter4**. The ControlCenter4 application will open.
- 3 Choose **Home Mode** or **Advanced Mode** before you use ControlCenter4 and then click **OK**.

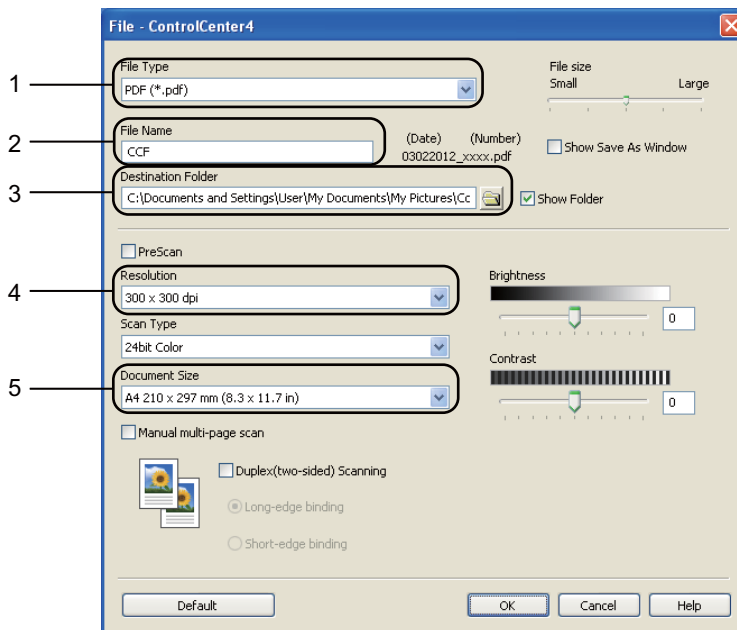



- 4 Make sure the machine you want to use is selected from the **Model** pull-down list.

- 5 Set the scanning configuration.
Click **Configuration**, and then select **Button settings**, **Scan** and **File**.



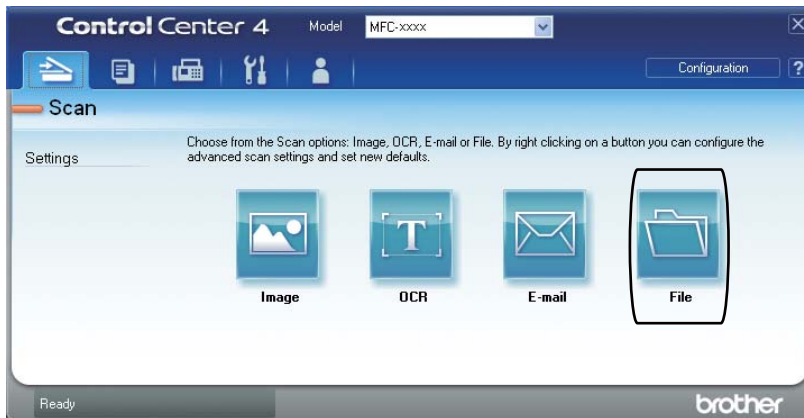
The configuration dialog box appears. You can change the default settings.



- 1 Confirm **PDF (*.pdf)** is selected from the **File Type** pull-down list.
- 2 You can enter the file name you want to use for the document.
- 3 You can save the file to the default folder, or choose your preferred folder by clicking the  (**Browse**) button.
- 4 You can choose a scanning resolution from the **Resolution** pull-down list.
- 5 You can choose the document size from the **Document Size** pull-down list.

- 6 Click **OK**.

- 7 Click **File**.
The machine starts the scanning process. The folder where the scanned data is saved will open automatically.



Changing the SCAN key settings

Before scanning

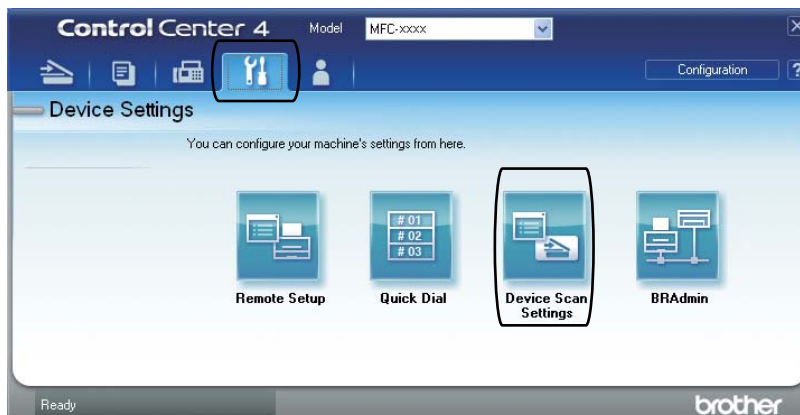
To use the machine as a scanner, install a scanner driver. If the machine is on a network, configure it with a TCP/IP address.

- Install the scanner drivers from the Installer CD-ROM. (See Quick Setup Guide.)
- Configure the machine with a TCP/IP address if network scanning does not work. (See Software User's Guide: *Configuring Network Scanning (Windows®)*.)

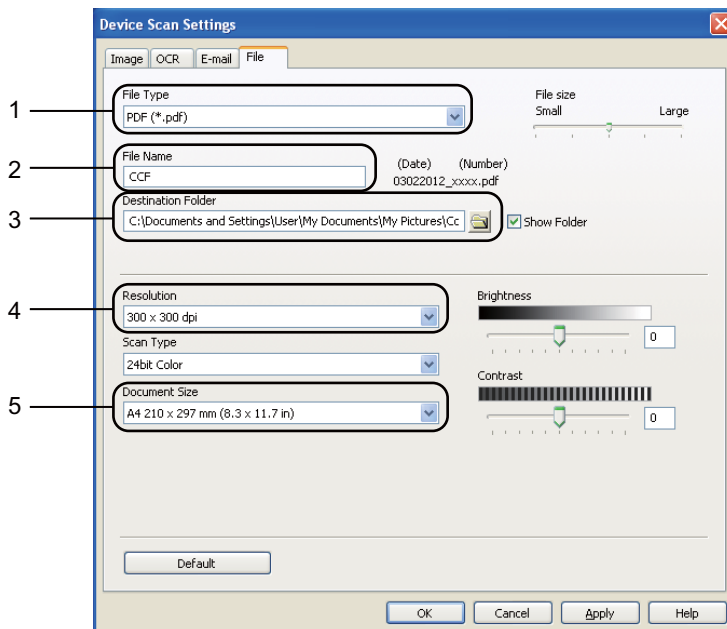
SCAN key settings


You can change your machine's **SCAN** key settings using ControlCenter4.

- 1 Open ControlCenter4 by clicking **Start/All Programs/Brother/XXX-XXXX** (where XXX-XXXX is your model name)/**ControlCenter4**. The ControlCenter4 application will open.
- 2 Make sure the machine you want to use is selected from the **Model** pull-down list.
- 3 Click the **Device Settings** tab.
- 4 Click **Device Scan Settings**.




- 5 Choose the **File** tab. You can change the default settings.



- 1 You can choose the file type from the pull-down list.
- 2 You can enter the file name you want to use for the document.
- 3 You can save the file to the default folder, or choose your preferred folder by clicking the  (**Browse**) button.
- 4 You can choose a scanning resolution from the **Resolution** pull-down list.
- 5 You can choose the document size from the **Document Size** pull-down list.

- 6 Click **OK**.

Scanning using the SCAN key

- 1 Load your document. (See *How to load documents* >> page 23.)
- 2 Press  (**SCAN**).
- 3 Press ▲ or ▼ to choose **Scan to PC**.
Press **OK**.
- 4 Press ▲ or ▼ to choose **File**.
Press **OK**.
- 5 (MFC-8910DW)
If you want to change the duplex setting, press ▲ or ▼ to choose **1sided**, **2sided (L) edge** or **2sided (S) edge**.
Press **OK**.
- 6 (For Network users)
Press ▲ or ▼ to choose the destination computer you want to send to.
Press **OK**.
If the LCD prompts you to enter a PIN number, enter the 4-digit PIN number for the destination computer using the dial pad on the control panel.
Press **OK**.
- 7 Press ▲ or ▼ to choose **Start Scan**.
Press **OK**.
- 8 Press **Start**.
The machine starts the scanning process.



Note

The following scan modes are available:

Scan to:

- USB
- Network (Windows®)
- E-mail (Server) (For MFC-8910DW) ¹
- Image (Scan to PC)
- OCR (Scan to PC)
- E-mail (Scan to PC)
- File (Scan to PC)
- FTP
- Web Service ² (Web Services Scan)

¹ Available for MFC-8510DN if you download IFAX and E-mail options.

² Windows® users only. (Windows Vista® SP2 or later and Windows® 7)

See Software User's Guide: *Using Web Services for scanning on your network (Windows Vista® SP2 or greater and Windows® 7)*.

A

Routine maintenance

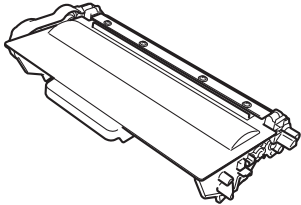
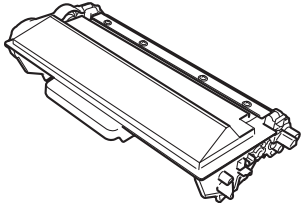
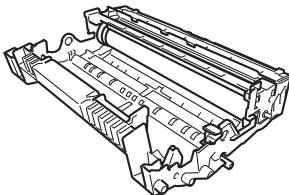
Replacing the consumable items

The following messages appear on the LCD in the Ready mode. These messages provide advanced warnings to replace the consumable items before they reach the end of their life. To avoid any inconvenience, you may want to buy spare consumable items before the machine stops printing.



Note

The drum unit and toner cartridge are two separate parts.

Toner cartridge	Drum unit
See <i>Replacing the toner cartridge</i> >>> page 64. Order No. TN-3320, TN-3350, TN-3370	See <i>Replacing the drum unit</i> >>> page 71. Order No. DR-3355
<p>TN-3320, TN-3350</p>  <p>TN-3370</p> 	

LCD messages	Consumable item to get ready	Approximate life	How to replace	Order No.
Toner Low	Toner cartridge	3,000 pages ^{1 2 3}	See page 64.	TN-3320 ³
Prepare New Toner Cartridge.		8,000 pages ^{1 2 4}		TN-3350 ⁴
		12,000 pages ^{1 2 5}		TN-3370 ^{5 6}

¹ A4 or Letter size single-sided pages.

² Approx. cartridge yield is declared in accordance with ISO/IEC 19752.

³ Standard toner cartridge

⁴ High yield toner cartridge

⁵ Super high yield toner cartridge

⁶ Available for MFC-8910DW.

You will need to clean the machine regularly and replace the consumable items when the following messages are displayed on the LCD.

LCD messages	Consumable item to replace	Approximate life	How to replace	Order No.
Replace Toner	Toner cartridge	3,000 pages ^{1 2 5} 8,000 pages ^{1 2 6} 12,000 pages ^{1 2 7}	See page 64.	TN-3320 ⁵ TN-3350 ⁶ TN-3370 ^{7 8}
Replace Parts Drum	Drum unit	30,000 pages ^{1 3 4}	See page 72.	DR-3355
Drum Stop				

¹ A4 or Letter size single-sided pages.

² Approx. cartridge yield is declared in accordance with ISO/IEC 19752.

³ 1 page per job.

⁴ Drum life is approximate and may vary by type of use.

⁵ Standard toner cartridge

⁶ High yield toner cartridge

⁷ Super high yield toner cartridge

⁸ Available for MFC-8910DW.



Note

- Discard used consumable according to local regulations, keeping it separate from domestic waste. If you have questions, call your local waste disposal office.
- We recommend placing used consumable items on a piece of paper to prevent accidentally spilling or scattering the material inside.
- If you use paper that is not a direct equivalent for the recommended paper, the life of consumable items and machine parts may be reduced.
- The projected life for each of the toner cartridges is based on ISO/IEC 19752. Frequency of replacement will vary depending on the complexity of printed pages, percentage of coverage and type of media used.

Replacing the toner cartridge

Order No. TN-3320, TN-3350, TN-3370

The Standard toner cartridge can print approximately 3,000 pages¹. The High Yield toner cartridge can print approximately 8,000 pages¹. The Super High Yield toner cartridge can print approximately 12,000 pages¹. Actual page count will vary depending on your average type of document.

When the toner cartridge is running low, the LCD shows `Toner Low`.

The toner cartridge that comes supplied with the machine will need to be replaced after approximately 3,000 pages.

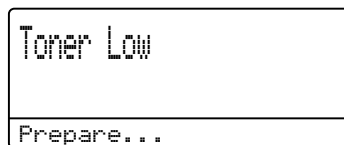
¹ Approx. cartridge yield is declared in accordance with ISO/IEC 19752.



Note

- It is a good idea to keep a new toner cartridge ready for use when you see the `Toner Low` warning.
- To ensure high quality printing, we recommend that you use only Genuine Brother Brand toner cartridges. When you want to buy toner cartridges, please call Brother Customer Service.
- If you print graphics, bold text, charts, Web pages with borders, and other types of printouts that consist of more than simple text, the amount of toner used will increase.
- We recommend that you clean the machine when you replace the toner cartridge. (See *Advanced User's Guide: Cleaning and checking the machine.*)
- If you change the print density setting for lighter or darker printing, the amount of toner used will change.
- Wait to unpack the toner cartridge until immediately before you put it into the machine.

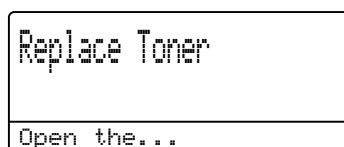
Toner Low



If the LCD shows `Toner Low`, buy a new toner cartridge and have it ready before you get a `Replace Toner` message.

Replace Toner

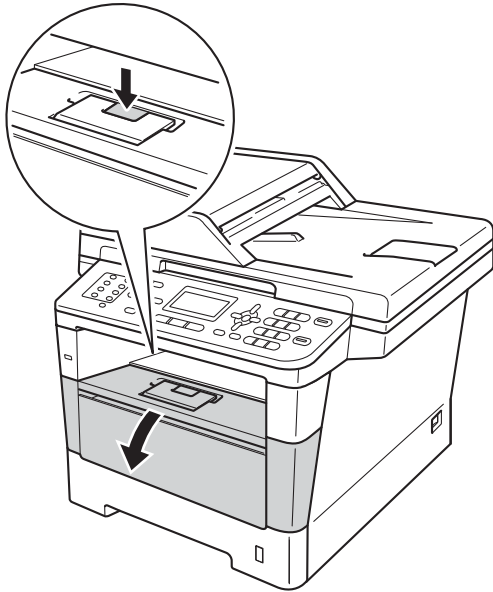
When the following message appears on the LCD, you need to replace the toner cartridge:



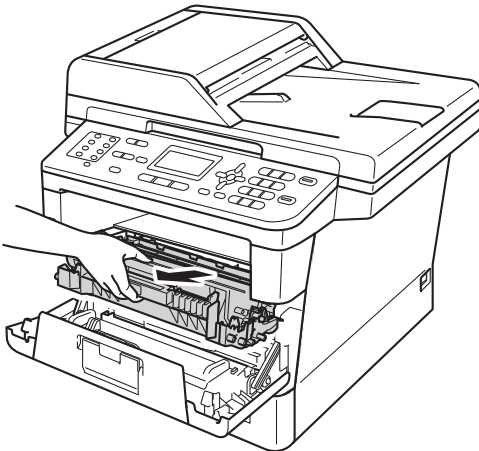
The machine will stop printing until you replace the toner cartridge. A new genuine Brother toner cartridge will reset the `Replace Toner` mode.

Replacing the toner cartridge

- 1 Leave the machine turned on for 10 minutes for the internal fan to cool the extremely hot parts inside the machine.
- 2 Press the front cover release button and then open the front cover.



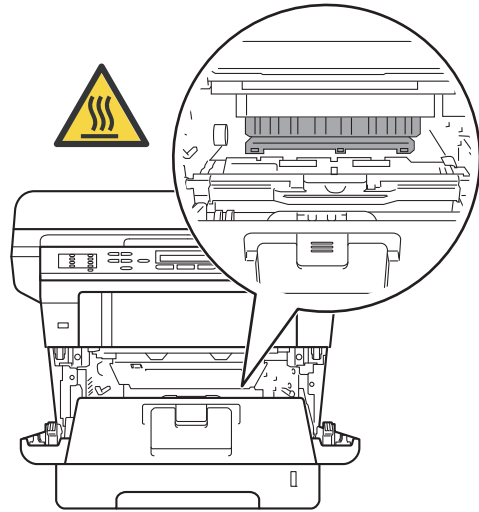
- 3 Take out the drum unit and toner cartridge assembly.



WARNING

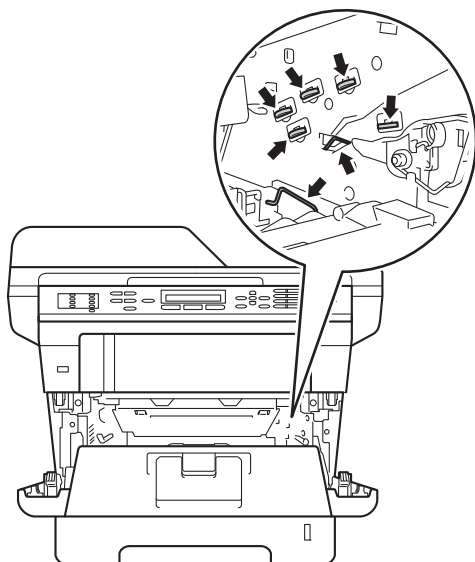
HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.

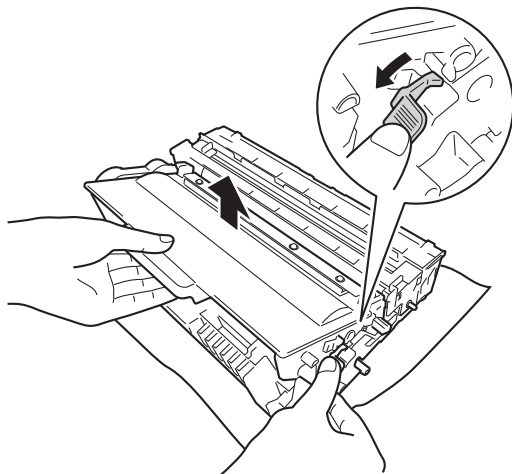


! Important

- We recommend that you place the drum unit and toner cartridge assembly on a clean, flat surface with a piece of disposable paper underneath it in case you accidentally spill or scatter toner.
- To prevent damage to the machine from static electricity, DO NOT touch the electrodes shown in the illustration.



- 4 Push down the green lock lever and take the toner cartridge out of the drum unit.



! WARNING



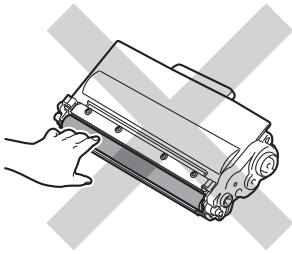
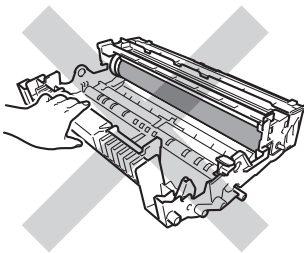
- DO NOT put a toner cartridge or a toner cartridge and drum unit assembly into a fire. It could explode, resulting in injuries.
- DO NOT use flammable substances, any type of spray, or an organic solvent/liquid containing alcohol or ammonia to clean the inside or outside of the product. Doing so could cause a fire or electrical shock. Instead, use only a dry, lint-free cloth.

(See Product Safety Guide: *To use the product safely.*)



! Important

- Handle the toner cartridge carefully. If toner scatters on your hands or clothes, immediately wipe or wash it off with cold water.
- To avoid print quality problems, DO NOT touch the shaded parts shown in the illustrations.

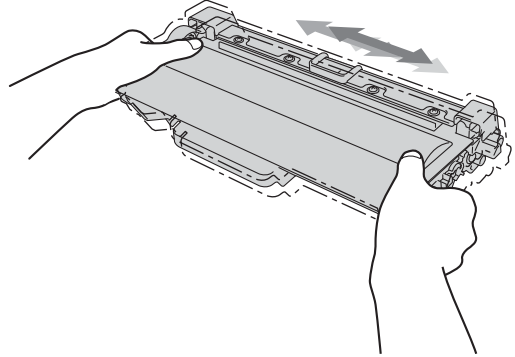
<Toner cartridge>**<Drum unit>**

- We recommend that you place the toner cartridge on a clean, flat, level, stable surface with a sheet of disposable paper or cloth underneath it in case you accidentally spill or scatter toner.

Note

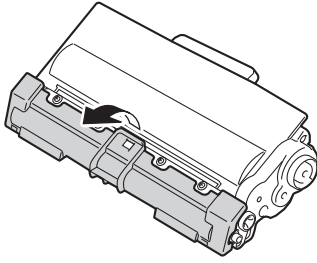
- Be sure to seal up the used toner cartridge tightly in a suitable bag so that toner powder does not spill out of the cartridge.
- Discard used consumable according to local regulations, keeping it separate from domestic waste. If you have questions, call your local waste disposal office.

5. **5** Unpack the new toner cartridge. Hold the cartridge level with both hands and gently shake it from side to side several times to spread the toner evenly inside the cartridge.

**! Important**

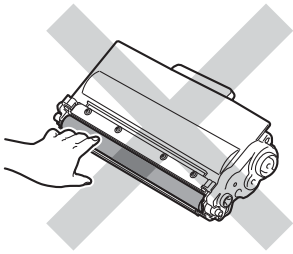
- Wait to unpack the new toner cartridge until immediately before you put it in the machine. If a toner cartridge is left unpacked for a long time, the toner life will be shortened.
- If an unpacked drum unit is put in direct sunlight or room light, the unit may be damaged.
- Brother strongly recommends that you DO NOT refill the toner cartridge provided with your machine. We also strongly recommend that you continue to use only Genuine Brother Brand replacement toner cartridges. Use or attempted use of third party toner and/or cartridges in the Brother machine may cause damage to the machine and/or may result in unsatisfactory print quality. In addition, use of third party toner and/or cartridges may trigger incorrect status messages, cause the printer to stop prematurely or otherwise malfunction. Our limited warranty coverage does not apply to any problem that is caused by the use of third party toner and/or cartridges. To protect your investment and obtain premium performance from the Brother machine, we strongly recommend the use of Genuine Brother Supplies.

- 6 Pull off the protective cover.

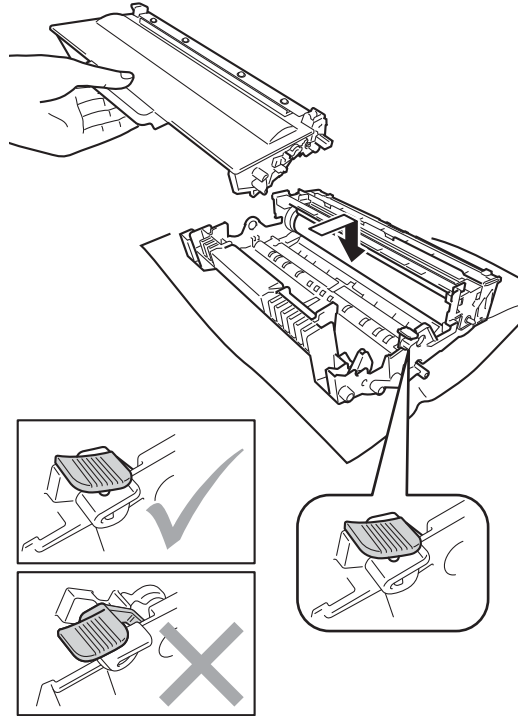


! Important

Put the toner cartridge in the drum unit immediately after you have removed the protective cover. To prevent any degradation to the print quality, DO NOT touch the shaded parts shown in the illustrations.



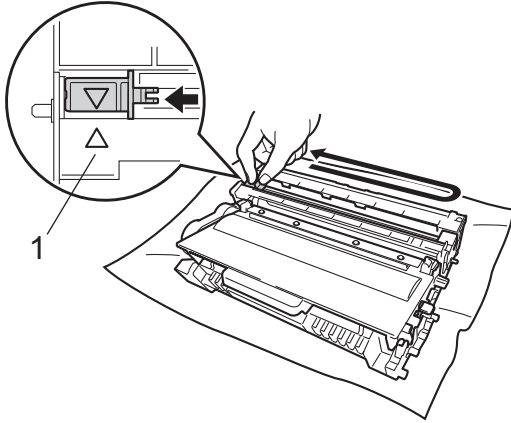
- 7 Put the new toner cartridge firmly into the drum unit until you hear it lock into place. If you put it in correctly, the green lock lever will lift automatically.



Note

Make sure that you put in the toner cartridge correctly or it may separate from the drum unit.

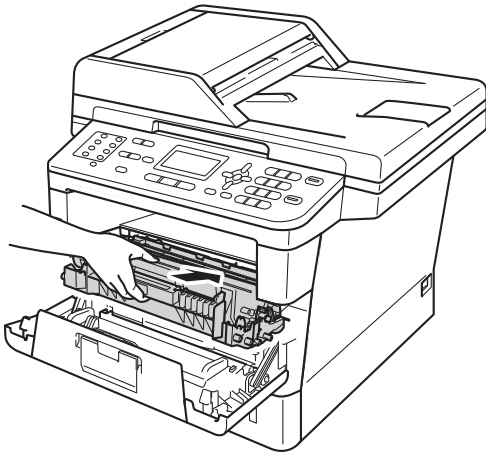
- 8 Clean the corona wire inside the drum unit by gently sliding the green tab from left to right and right to left several times.



Note

Be sure to return the tab to the home position (▲) (1). If you do not, printed pages may have a vertical stripe.

- 9 Put the drum unit and toner cartridge assembly back into the machine.



- 10 Close the front cover of the machine.



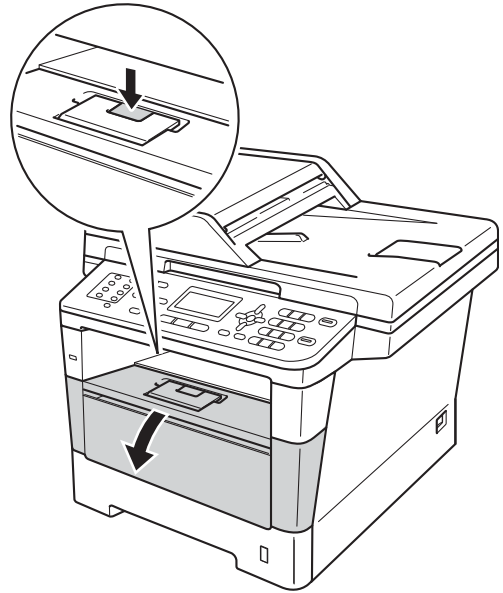
Note

After you replace a toner cartridge, DO NOT turn off the machine's power switch or open the front cover until the LCD clears the Please Wait message and returns to Ready mode.

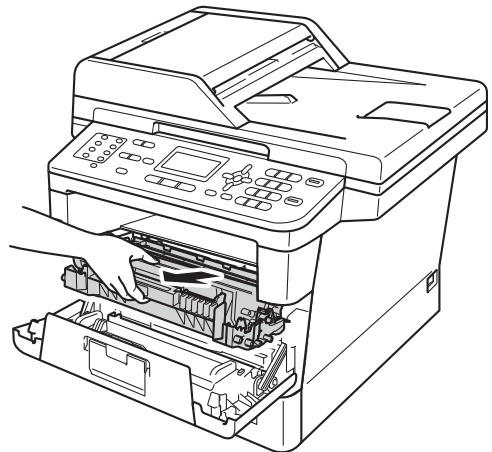
Cleaning the corona wire

If you have print quality problems, clean the corona wire as follows:

- 1 Leave the machine turned on for 10 minutes for the internal fan to cool the extremely hot parts inside the machine.
- 2 Press the front cover release button and then open the front cover.



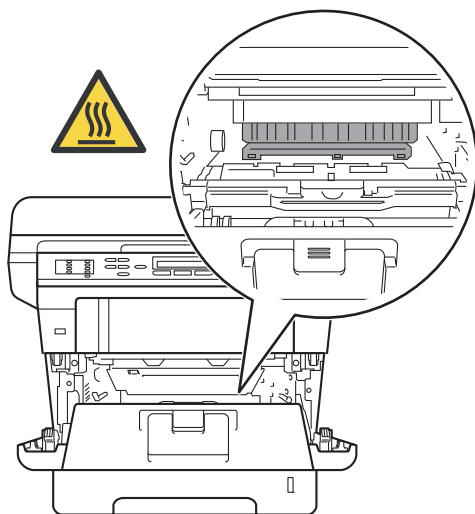
- 3 Take out the drum unit and toner cartridge assembly.



WARNING

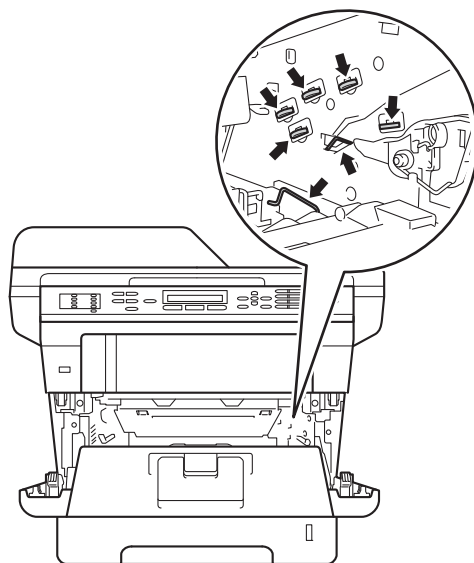
HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.

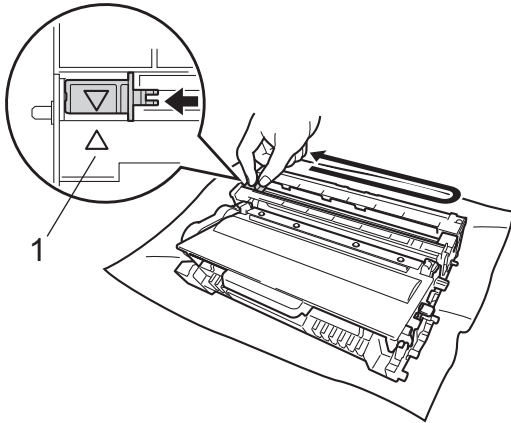


Important

- We recommend that you put the drum unit and toner cartridge assembly on a piece of disposable paper or cloth in case you accidentally spill or scatter toner.
- Handle the drum unit and toner cartridge assembly carefully. If toner scatters on your hands or clothes, immediately wipe or wash it off with cold water.
- To prevent damage to the machine from static electricity, **DO NOT** touch the electrodes shown in the illustration.



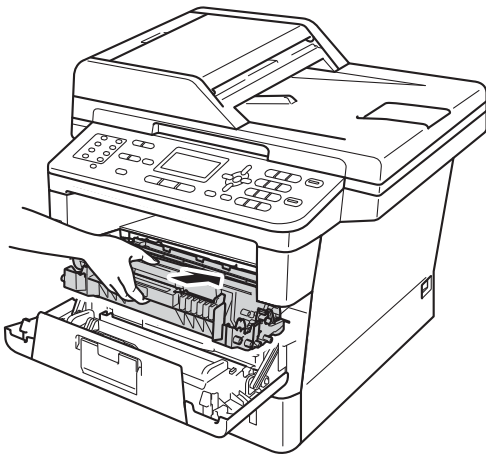
- 4 Clean the corona wire inside the drum unit by gently sliding the green tab from left to right and right to left several times.



Note

Be sure to return the tab to the home position (▲) (1). If you do not, printed pages may have a vertical stripe.

- 5 Put the drum unit and toner cartridge assembly back into the machine.



- 6 Close the front cover of the machine.

Replacing the drum unit

Order No. DR-3355

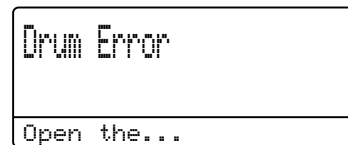
A new drum unit can print approximately 30,000 A4 or Letter size single-sided pages.



Note

- There are many factors that determine the actual drum life, such as the temperature, humidity, type of paper, type of toner used and so on. Under ideal conditions, the average drum life is estimated at approximately 30,000 pages. The actual number of pages that your drum will print may be significantly less than this estimate. Because we have no control over the many factors that determine the actual drum life, we cannot guarantee a minimum number of pages that will be printed by your drum.
- For best performance, use only genuine Brother toner. The machine should be used only in a clean, dust-free environment with adequate ventilation.
- Printing with a non-Brother drum unit may reduce not only the print quality but also the quality and life of the machine itself. Warranty coverage does not apply to problems caused by the use of a non-Brother drum unit.

Drum Error



The corona wire has become dirty. Clean the corona wire in the drum unit. (See *Cleaning the corona wire* ►► page 69.)

If you cleaned the corona wire and **Drum Error** was not cleared then the drum unit is at the end of its life. Replace the drum unit with a new one.

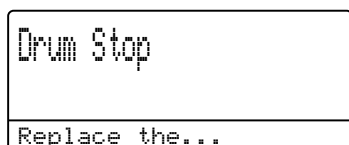
Replace Parts Drum



The drum unit has exceeded its rated life. Please replace the drum unit with a new one. We recommend a genuine Brother drum unit be installed at this time.

After replacement, reset the drum counter by following the instructions included with the new drum unit. (See *Resetting the drum counter* >> page 75.)

Drum Stop



We cannot guarantee the print quality. Please replace the drum unit with a new one. We recommend a genuine Brother drum unit be installed at this time.

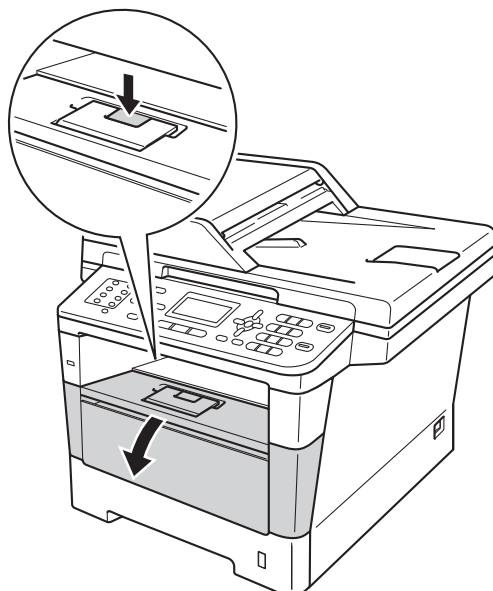
After replacement, reset the drum counter by following the instructions included with the new drum unit. (See *Resetting the drum counter* >> page 75.)

Replacing the drum unit

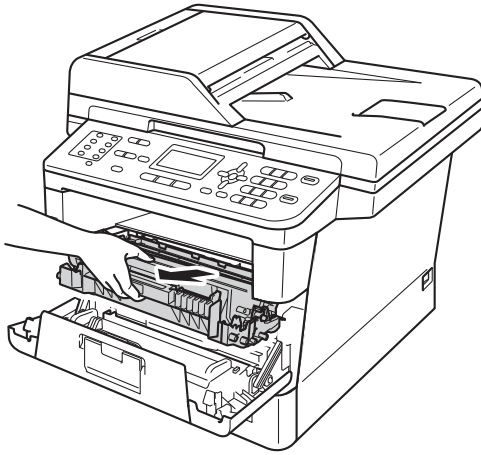
! Important

- While removing the drum unit, handle it carefully because it may contain toner. If toner scatters on your hands or clothes, immediately wipe or wash it off with cold water.
- Every time you replace the drum unit, clean the inside of the machine. (See *Advanced User's Guide: Cleaning and checking the machine.*)
- Wait to unpack the new drum unit immediately before you put it in the machine. Exposure to direct sunlight or room light may damage the drum unit.

- 1 Leave the machine turned on for 10 minutes for the internal fan to cool the extremely hot parts inside the machine.
- 2 Press the front cover release button and then open the front cover.



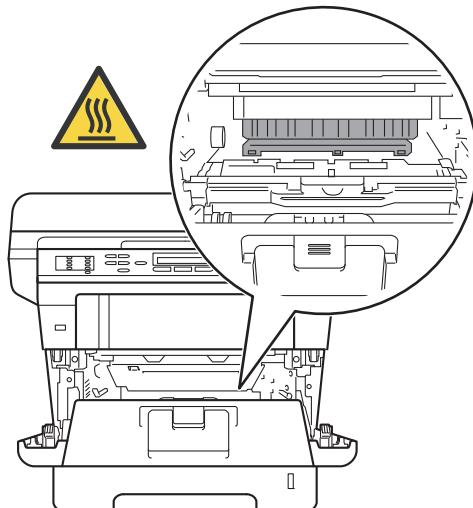
- 3 Take out the drum unit and toner cartridge assembly.



! WARNING

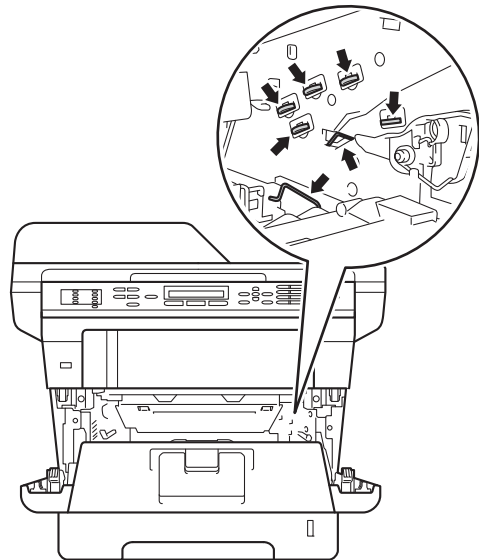
! HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.

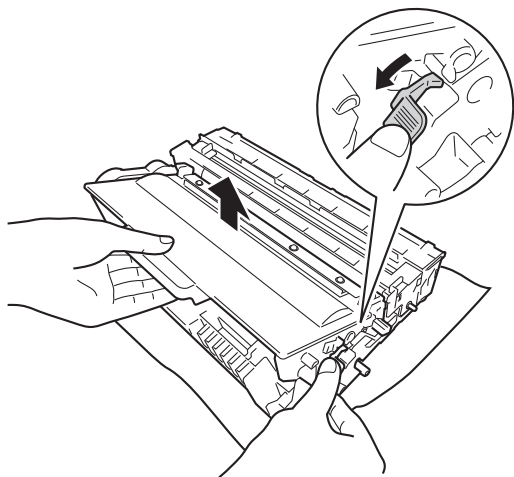


! Important

- We recommend that you place the drum unit and toner cartridge assembly on a clean, flat surface with a piece of disposable paper underneath it in case you accidentally spill or scatter toner.
- To prevent damage to the machine from static electricity, **DO NOT** touch the electrodes shown in the illustration.



- 4 Push down the green lock lever and take the toner cartridge out of the drum unit.



⚠ WARNING



- DO NOT put a toner cartridge or a toner cartridge and drum unit assembly into a fire. It could explode, resulting in injuries.
- DO NOT use flammable substances, any type of spray, or an organic solvent/liquid containing alcohol or ammonia to clean the inside or outside of the product. Doing so could cause a fire or electrical shock. Instead, use only a dry, lint-free cloth.

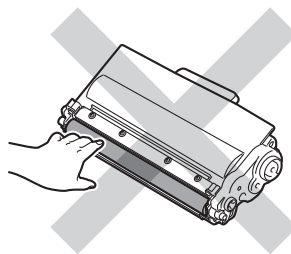
(See Product Safety Guide: *To use the product safely.*)



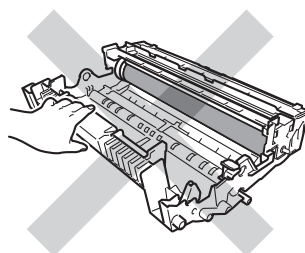
⚠ Important

- Handle the toner cartridge carefully. If toner scatters on your hands or clothes, immediately wipe or wash it off with cold water.
- To avoid print quality problems, DO NOT touch the shaded parts shown in the illustrations.

<Toner cartridge>



<Drum unit>

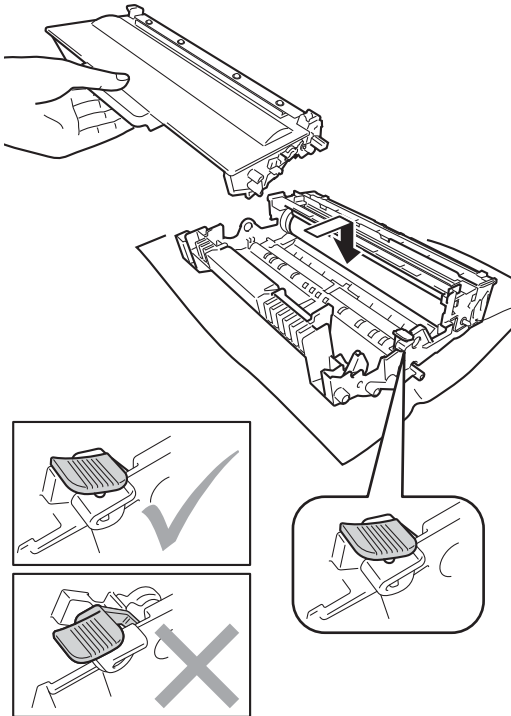


- We recommend that you place the toner cartridge on a clean, flat, level, stable surface with a sheet of disposable paper or cloth underneath it in case you accidentally spill or scatter toner.

📄 Note

- Be sure to seal up the used drum unit tightly in a suitable bag so that toner powder does not spill out of the drum unit.
- Discard used consumable according to local regulations, keeping it separate from domestic waste. If you have questions, call your local waste disposal office.

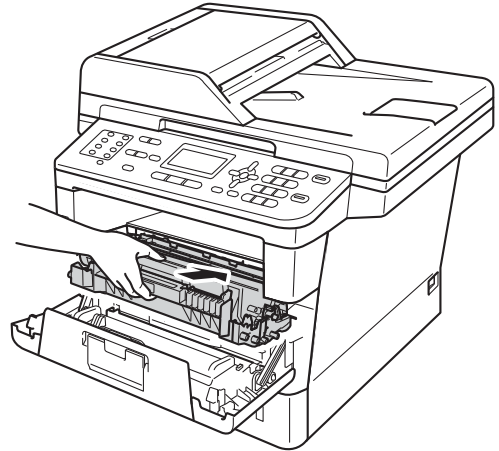
- 5 Unpack the new drum unit.
- 6 Put the toner cartridge firmly into the new drum unit until you hear it lock into place. If you put the cartridge in correctly, the green lock lever will lift automatically.



Note

Make sure that you put in the toner cartridge correctly or it may separate from the drum unit.

- 7 Put the drum unit and toner cartridge assembly back into the machine. Do not close the front cover of the machine.



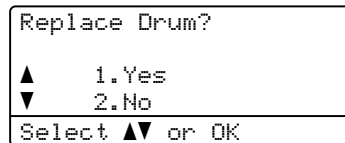
Resetting the drum counter

When you replace the drum unit with a new one, you need to reset the drum counter by completing the following steps.

Important

Do not reset the drum counter when you only replace the toner cartridge.

- 1 With the front cover still open, press **Clear**.



- 2 To confirm you are installing a new drum, press **1**.
- 3 When the LCD shows *Accepted*, close the front cover of the machine.

B

Troubleshooting

If you think there is a problem with your machine, check each of the items below first and follow the troubleshooting tips.

You can correct most problems by yourself. If you need additional help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips.

Visit us at <http://solutions.brother.com/>.

Identifying your problem

First, check the following:

- The machine's power cord is connected correctly and the machine's power switch is turned on. If the machine does not turn on after connecting the power cord, see *Other difficulties* >> page 108.
- All of the protective parts have been removed.
- Paper is inserted correctly in the paper tray.
- The interface cables are securely connected to the machine and the computer, or the wireless connection is set up on both the machine and your computer.
- LCD Messages
(See *Error and maintenance messages* >> page 78.)

If you did not solve your problem with the above checks, identify your problem and then go to the page suggested below.

Paper handling and Printing problems:

- *Printing difficulties* >> page 99
- *Paper handling difficulties* >> page 100
- *Printing received faxes* >> page 101

Telephone and Fax problems:

- *Telephone line or connections* >> page 102
- *Handling incoming calls* >> page 105
- *Receiving faxes* >> page 103
- *Sending faxes* >> page 104

Copying problems:

- *Copying difficulties* >> page 106

Scanning problems:

- *Scanning difficulties* >> page 106

Software and Network problems:

- *Software difficulties* >> page 106
- *Network difficulties* >> page 107

Error and maintenance messages

As with any sophisticated office product, errors may occur and consumable items may need to be replaced. If this happens, your machine identifies the error or required routine maintenance and shows the appropriate message. The most common error and maintenance messages are shown below.

You can correct most errors and perform routine maintenance by yourself. If you need more help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips:

Visit us at <http://solutions.brother.com/>.

Error Message	Cause	Action
Access Denied	The function you want to use is restricted by Secure Function Lock 2.0.	Contact your administrator to check your Secure Function Lock Settings.
Access Error	The device is removed from the USB direct interface while the data is processing.	Press Stop/Exit . Reinsert the device and try to print with Direct Print.
Cartridge Error Put the Toner Cartridge back in.	The toner cartridge is not installed correctly.	Pull out the drum unit and toner cartridge assembly, take out the toner cartridge, and put it back into the drum unit again. Put the drum unit and toner cartridge assembly back in the machine.
Comm.Error	Poor telephone line quality caused a communication error.	Send the fax again or connect the machine to another telephone line. If the problem continues, call the telephone company and ask them to check your telephone line.
Connection Fail	You tried to poll a fax machine that is not in Polled Waiting mode.	Check the other fax machine's polling setup.
Cooling Down Wait for a while	The temperature of the drum unit or toner cartridge is too hot. The machine will pause its current print job and go into cooling down mode. During the cooling down mode, you will hear the cooling fan running while the LCD shows Cooling Down, and Wait for a while .	Make sure that you can hear the fan in the machine spinning and that the exhaust outlet is not blocked by something. If the fan is spinning, remove any obstacles that surround the exhaust outlet, and then leave the machine turned on but do not use it for several minutes. If the fan is not spinning, disconnect the machine from the power for several minutes, then reconnect it.

Error Message	Cause	Action
Cover is Open	The front cover is not completely closed.	Close the front cover of the machine.
	The ADF cover is not completely closed.	Close the ADF cover of the machine.
	The ADF is open while loading a document.	Close the ADF cover of the machine, then press Stop/Exit .
	The fuser cover is not completely closed or paper was jammed in the back of the machine when you turned on the power.	<ul style="list-style-type: none"> ■ Close the fuser cover of the machine. ■ Make sure paper is not jammed inside the back of the machine, and then close the fuser cover and press Start. <p>(See <i>Paper is jammed at the back of the machine</i> >> page 90.)</p>
DIMM Error	<ul style="list-style-type: none"> ■ The DIMM is not installed correctly. ■ The DIMM is broken. ■ The DIMM does not meet the required specifications. 	<ul style="list-style-type: none"> ■ Turn off the machine and remove the DIMM. (See <i>Advanced User's Guide: Installing extra memory</i>.) ■ Confirm the DIMM meets the required specifications. (See <i>Advanced User's Guide: Memory board</i>.) ■ Re-install the DIMM correctly. Wait a few seconds, and then turn it on again. ■ If this error message appears again, replace the DIMM with a new one. (See <i>Advanced User's Guide: Installing extra memory</i>.)
Disconnected	The other person or other person's fax machine stopped the call.	Try to send or receive again.
Document Jam	The document was not inserted or fed correctly, or the document scanned from the ADF was too long.	See <i>Document is jammed in the top of the ADF unit</i> >> page 86 or <i>Using the automatic document feeder (ADF)</i> >> page 23.
DR Mode in Use	The machine is set to Distinctive Ring mode. You cannot change the Receive Mode from Manual to another mode.	Set Distinctive Ring to OFF. (See <i>Turning off Distinctive Ring</i> >> page 35.)
Drum Error	The corona wire on the drum unit needs to be cleaned.	Clean the corona wire on the drum unit. (See <i>Cleaning the corona wire</i> >> page 69.)
	The toner cartridge is placed in the machine without the drum unit.	Put the toner cartridge into the drum unit, and then re-install the drum unit and toner cartridge assembly in the machine.



Error Message	Cause	Action
Drum Stop	It is time to replace the drum unit.	Replace the drum unit. (See <i>Replacing the drum unit</i> >> page 72.)
Duplex Disabled	The back of the machine is not closed completely.	Close the back cover of the machine.
Fuser Error	The temperature of the fuser unit does not rise to a specified temperature within the specified time.	Turn the power switch off, wait a few seconds, and then turn it on again. Leave the machine idle for 15 minutes with the power on.
	The fuser unit is too hot.	
Jam Duplex	The paper is jammed in the duplex tray or the fuser unit.	See <i>Paper is jammed in the duplex tray</i> >> page 97.
Jam Inside	The paper is jammed inside the machine.	See <i>Paper is jammed inside the machine</i> >> page 93.
	The toner cartridge is placed in the machine without the drum unit.	Put the toner cartridge into the drum unit, and then re-install the drum unit and toner cartridge assembly in the machine.
Jam MP Tray	The paper is jammed in the MP tray of the machine.	See <i>Paper is jammed in the MP tray</i> >> page 88.
Jam Rear	The paper is jammed in the back of the machine.	See <i>Paper is jammed at the back of the machine</i> >> page 90.
Jam Tray 1 Jam Tray 2	The paper is jammed in the paper tray of the machine.	See <i>Paper is jammed in paper tray 1 or tray 2</i> >> page 89.
Limit Exceeded	The printing limit set by Secure Function Lock 2.0 was reached.	Contact your administrator to check your Secure Function Lock Settings.
Log Access Error	The machine could not access the print log file in the server.	Contact your administrator to check the Store Print Log to Network settings. For detailed information >>> <i>Network User's Guide: Store Print Log to Network</i>
Manual Feed	Manual was selected as the paper source when there was no paper in the MP tray.	Place paper in the MP tray. If the machine is in Pause mode, press Start . (See <i>Loading paper in the multi-purpose tray (MP tray)</i> >> page 11.)
No HUB Support	A USB hub device is connected to the USB direct interface.	Disconnect the USB hub device from the USB direct interface.
No Paper	The machine is out of paper in the specified tray or all trays, or paper is not correctly loaded in the paper tray.	Do one of the following: <ul style="list-style-type: none"> ■ Refill paper in the paper tray shown on the LCD. Make sure the paper guides are set to the correct size. ■ Remove the paper and load it again. Make sure the paper guides are set to the correct size.

Error Message	Cause	Action
No Response/Busy	The number you dialed does not answer or is busy.	Verify the number and try again.
No Toner	The toner cartridge or the drum unit and toner cartridge assembly is not installed correctly.	<p>Remove the drum unit and toner cartridge assembly, remove the toner cartridge from the drum unit, and re-install the toner cartridge back into the drum unit again. Re-install the drum unit and toner cartridge assembly back in the machine. If the problem continues, replace the toner cartridge.</p> <p>(See <i>Replacing the toner cartridge</i> >> page 64.)</p>
No Tray	The standard paper tray is not installed or not installed correctly.	Re-install the standard paper tray.
Not Available	The requested function is not permitted to all User IDs by Secure Function Lock 2.0.	Contact your administrator to check your Secure Function Lock Settings.
Out of Memory	The machine's memory is full.	<p>Fax sending or copy operation in process</p> <p>Do one of the following:</p> <ul style="list-style-type: none"> ■ Press Start to send or copy the scanned pages. ■ Press Stop/Exit and wait until the other operations in progress finish, and then try again. ■ Clear the faxes from the memory. <ul style="list-style-type: none"> Print the faxes that are stored in the memory to restore the memory to 100%. Then turn off Fax Storage to avoid storing more faxes in the memory. (See <i>Advanced User's Guide: Printing a fax from the memory</i> and <i>Fax Storage</i>.) ■ Add optional memory. <ul style="list-style-type: none"> (See <i>Advanced User's Guide: Memory board</i>.) <p>Print operation in process</p> <p>Do one of the following:</p> <ul style="list-style-type: none"> ■ Reduce the print resolution. <ul style="list-style-type: none"> (See <i>Software User's Guide: Printing (for Windows®)</i> or <i>Printing and Faxing (for Macintosh)</i>). ■ Clear the faxes from the memory. <ul style="list-style-type: none"> (See the above explanation.)

Error Message	Cause	Action
Out of Memory Secure Print Data is full.	The machine's memory is full.	Press Stop/Exit and delete the previously stored secure print data. See Software User's Guide: <i>Secure Print Key</i> .
Print Unable XX	The machine has a mechanical problem.	Do one of the following: <ul style="list-style-type: none"> ■ Turn the power switch off, wait a few minutes, and then turn it on again. (See <i>Transferring your faxes or Fax Journal report</i> >> page 85.) ■ If the problem continues, call Brother Customer Service.
Protected Device	The protect switch of the USB Flash memory drive is on.	Turn off the protect switch of the USB Flash memory drive.
Rename the File	There is already a file on the USB Flash memory drive with the same name as the file you are trying to save.	Change the file name of the file on the USB Flash memory drive or the file you are trying to save.
Replace Parts Drum	It is time to replace the drum unit.	Replace the drum unit. (See <i>Replacing the drum unit</i> >> page 72.)
	The drum unit counter was not reset when a new drum was installed.	Reset the drum unit counter. (See <i>Replacing the drum unit</i> >> page 72.)
Replace Parts Fuser Unit	It is time to replace the fuser unit.	Call Brother Customer Service to replace the fuser unit.
Replace Parts Laser Unit	It is time to replace the laser unit.	Call Brother Customer Service to replace the laser unit.
Replace Parts PF Kit 1 PF Kit 2 PF Kit MP	It is time to replace the paper feeding kit.	Call Brother Customer Service to replace the PF Kit.
Replace Toner	The toner cartridge is at the end of its life. The machine will stop all print operations. While memory is available, faxes will be stored in the memory.	Replace the toner cartridge. (See <i>Replacing the toner cartridge</i> >> page 64.)

Error Message	Cause	Action
Scan Unable XX	The machine has a mechanical problem.	<ul style="list-style-type: none"> ■ Turn the power switch off, and then turn it on again. (See <i>Transferring your faxes or Fax Journal report</i> >> page 85.) ■ If the problem continues, call Brother Customer Service.
	Document is too long for duplex scanning.	Press Stop/Exit . Use the suitable size of paper for duplex scanning. (See <i>Print media</i> >> page 157.)
Size Error	The paper size defined in the printer driver is not usable for the tray you use.	Choose a paper size which is supported by the tray shown on the LCD. (See <i>Paper Size</i> >> page 15.)
Size Error DX	The paper size defined in the printer driver and the control panel menu is not available for automatic duplex printing.	Press Stop/Exit . Choose a paper size which is supported by the duplex tray. The paper size you can use for automatic duplex printing is A4.
	The paper in the tray is not correct size and is not usable for automatic duplex printing.	Load the correct size of paper in the tray and set the "Paper Size" (Menu, 1, 2, 2). The paper size you can use for automatic duplex printing is A4.
Size mismatch	The paper in the tray is not the correct size.	Load the correct size of paper in the tray and set the "Paper Size" (Menu, 1, 2, 2). (See <i>Paper Size</i> >> page 15.)
Toner Low	If the LCD shows Toner Low you can still print; however, the machine is telling you that the toner cartridge is near the end of its life.	Order a new toner cartridge now so a replacement toner cartridge will be available when the LCD shows Replace Toner .
Too Many Files	There are too many files stored on the USB Flash memory drive.	Reduce the number of files stored on the USB Flash memory drive.
Unusable Device Remove the Device. Turn the power off and back on again.	A defective USB device or a high power consumption USB device has been connected to the USB direct interface.	Unplug the device from the USB direct interface. Turn the machine off and then on again.
Unusable Device	A USB device or USB Flash memory drive that is encrypted or not supported has been connected to the USB direct interface.	Unplug the device from the USB direct interface. (See the specifications for supported USB Flash memory drives in <i>Printing data from a USB Flash memory drive or digital camera supporting mass storage</i> >> page 51.)

Error Message	Cause	Action
Wrong Paper Size	The machine cannot find paper of the same size in another tray when the paper tray in use has run out of paper during a copy operation.	Load the paper in the paper tray shown on the LCD.

Transferring your faxes or Fax Journal report

If the LCD shows:

- Print Unable XX
- Scan Unable XX

We recommend transferring your faxes to another fax machine or to your PC. (See *Transferring faxes to another fax machine* >> page 85 or *Transferring faxes to your PC* >> page 85.)

You can also transfer the Fax Journal report to see if there are any faxes you need to transfer. (See *Transferring the Fax Journal report to another fax machine* >> page 85.)



Note

If there is an error message on the machine's LCD, after the faxes have been transferred, disconnect the machine from the power source for several minutes, and then reconnect it.

Transferring faxes to another fax machine

If you have not set up your Station ID, you cannot enter fax transfer mode. (See Quick Setup Guide: *Set your Station ID.*)

- 1 Press **Menu, 9, 0, 1.**
- 2 Do one of the following:
 - If the LCD shows **No Data**, there are no faxes left in the machine's memory. Press **Stop/Exit**.
 - Enter the fax number to which faxes will be forwarded.
- 3 Press **Start**.

Transferring faxes to your PC

You can transfer the faxes from your machine's memory to your PC.

- 1 Make sure that you have installed **MFL-Pro Suite** on your PC, and then turn on **PC-Fax Receiving** on the PC. (See Software User's Guide: *PC-FAX receiving.*)
From the Windows® **Start** menu, select **All Programs, Brother, MFC-XXXX, PC-Fax Receiving**, and select **Receive**. (XXXX is your model name.)
- 2 Make sure that you have set **PC Fax Receive** on the machine. (See *PC-FAX Receive (For Windows® only)* >> page 33.)
If faxes are in the machine's memory when you set up PC-Fax Receive, the LCD will ask if you want to transfer the faxes to your PC.
- 3 Do one of the following:
 - To transfer all faxes to your PC, press **1**. You will be asked if you want a backup print.
 - To exit and leave the faxes in the memory, press **2**.
- 4 Press **Stop/Exit**.

Transferring the Fax Journal report to another fax machine

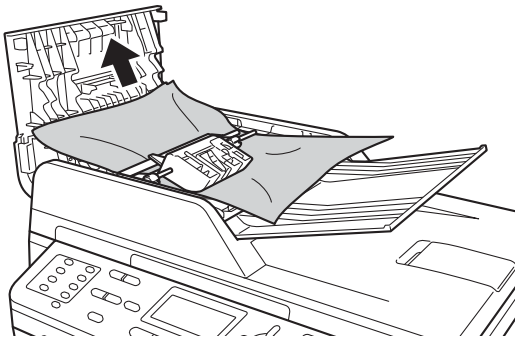
If you have not set up your Station ID, you cannot enter fax transfer mode. (See Quick Setup Guide: *Set your Station ID.*)

- 1 Press **Menu, 9, 0, 2.**
- 2 Enter the fax number to which the Fax Journal report will be forwarded.
- 3 Press **Start**.

Document Jams

Document is jammed in the top of the ADF unit

- 1 Take out any paper from the ADF that is not jammed.
- 2 Open the ADF cover.
- 3 Pull the jammed document out to the left.

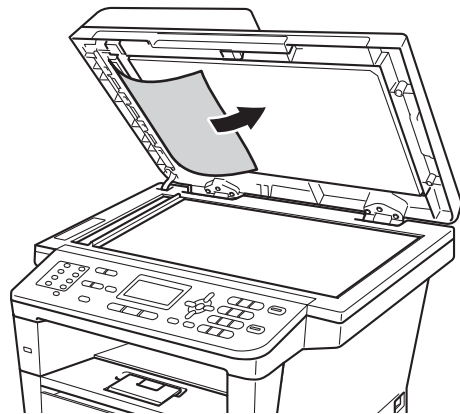


If the document rips or tears, be sure you remove all small paper scraps to prevent future jams.

- 4 Close the ADF cover.
- 5 Press **Stop/Exit**.

Document is jammed under the document cover

- 1 Take out any paper from the ADF that is not jammed.
- 2 Lift the document cover.
- 3 Pull the jammed document out to the right.

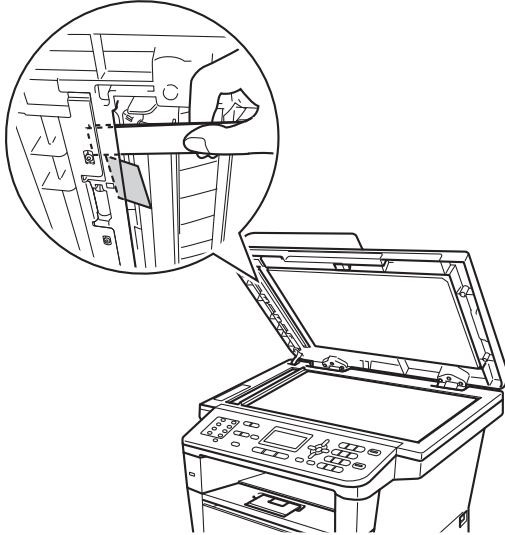


If the document rips or tears, be sure you remove all small paper scraps to prevent future jams.

- 4 Close the document cover.
- 5 Press **Stop/Exit**.

Removing small documents jammed in the ADF

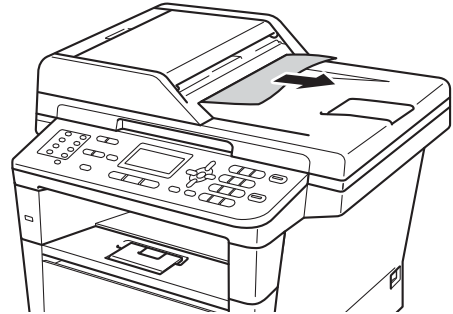
- 1 Lift the document cover.
- 2 Insert a piece of stiff paper, such as cardstock, into the ADF to push any small paper scraps through.



- 3 Close the document cover.
- 4 Press **Stop/Exit**.

Document is jammed at the output tray

- 1 Take out any paper from the ADF that is not jammed.
- 2 Pull the jammed document out to the right.



- 3 Press **Stop/Exit**.

Paper Jams

Always remove all paper from the paper tray and straighten the stack when you add new paper. This helps prevent multiple sheets of paper from feeding through the machine at one time and prevents paper jams.

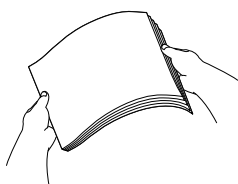
Paper is jammed in the MP tray

If the LCD shows **Jam MP Tray**, follow these steps:

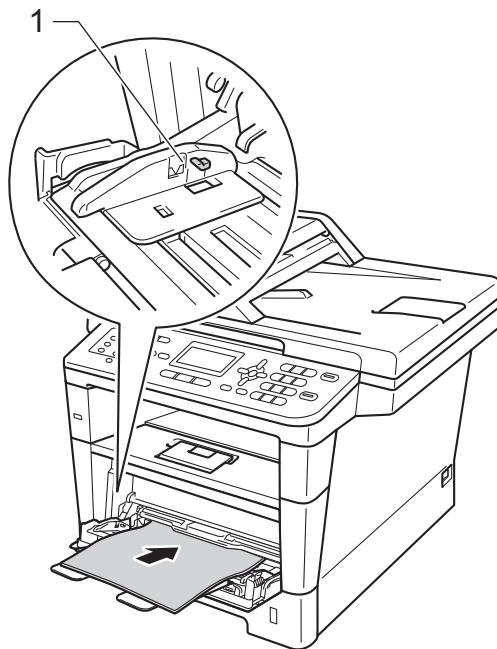
- 1 Remove the paper from the MP tray.
- 2 Remove any jammed paper from in and around the MP tray.



- 3 Fan the paper stack, and then put it back in the MP tray.



- 4 When loading paper in the MP tray, make sure that the paper stays under the maximum paper height guides (1) on both sides of the tray.



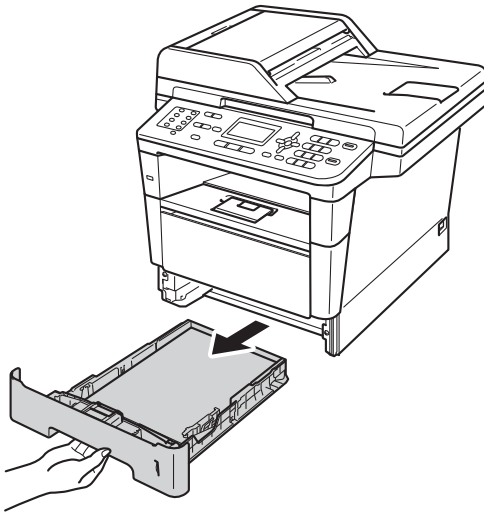
- 5 Press **Start** to resume printing.

Paper is jammed in paper tray 1 or tray 2

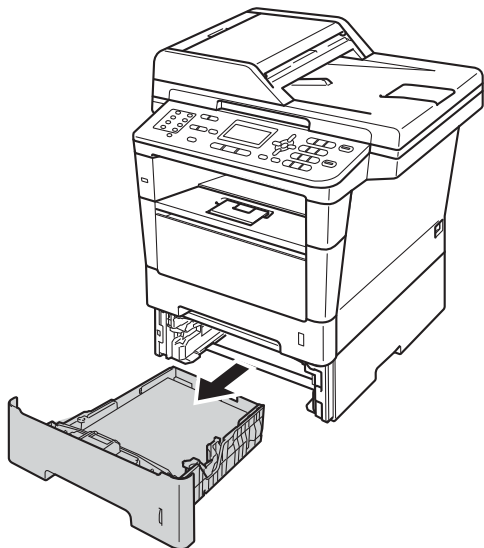
If the LCD shows Jam Tray 1 or Jam Tray 2, follow these steps:

- 1 Pull the paper tray completely out of the machine.

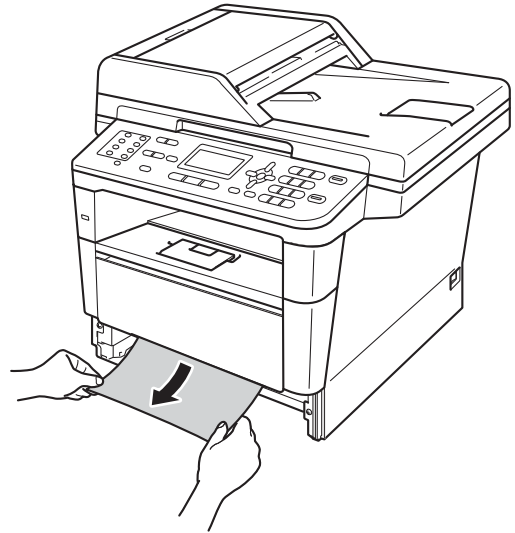
For Jam Tray 1:



For Jam Tray 2:



- 2 Use both hands to slowly pull out the jammed paper.



Note

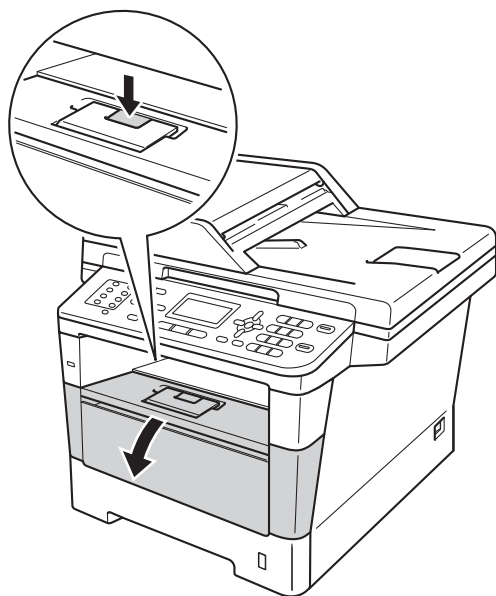
Pulling the jammed paper downward allows you to remove the paper easier.

- 3 Make sure that the paper is below the maximum paper mark (▼▼▼) in the paper tray. While pressing the green paper-guide release lever, slide the paper guides to fit the paper size. Make sure that the guides are firmly in the slots.
- 4 Put the paper tray firmly back in the machine.

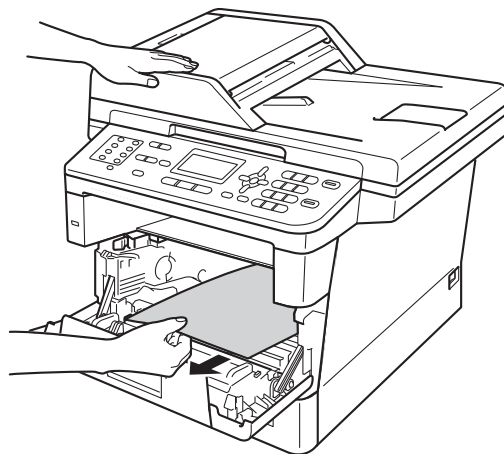
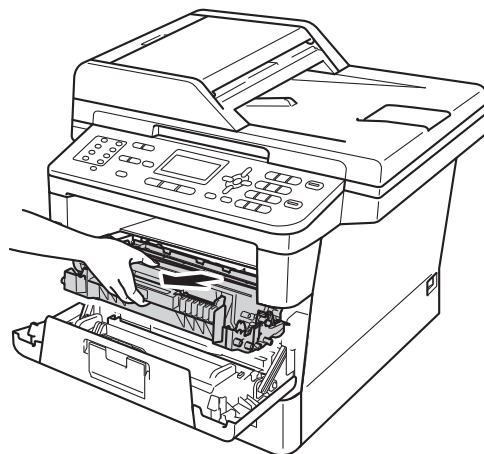
Paper is jammed at the back of the machine

If the LCD shows *Jam Rear*, a paper jam occurred behind the back cover. Follow these steps:

- 1 Leave the machine turned on for 10 minutes for the internal fan to cool the extremely hot parts inside the machine.
- 2 Press the front cover release button and then open the front cover.



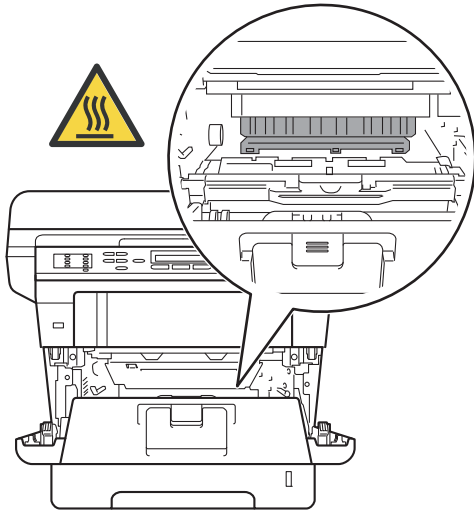
- 3 Slowly take out the drum unit and toner cartridge assembly. The jammed paper may be pulled out with the drum unit and toner cartridge assembly, or this may release the paper so you can pull it out from inside of the machine.



! WARNING

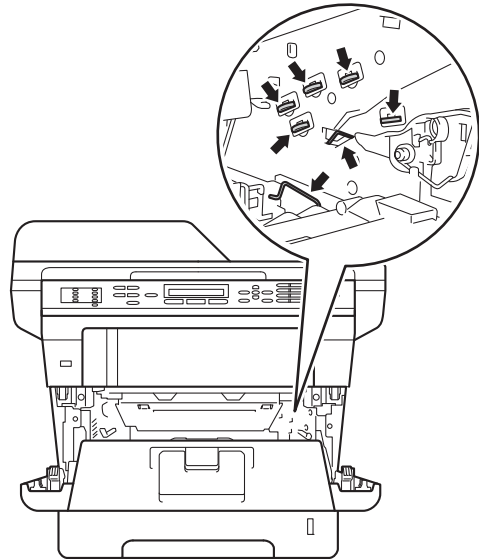
! HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.

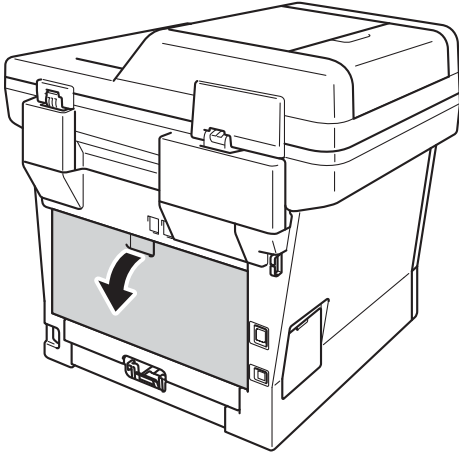


! Important

- We recommend that you put the drum unit and toner cartridge assembly on a piece of disposable paper or cloth in case you accidentally spill or scatter toner.
- Handle the drum unit and toner cartridge assembly carefully. If toner scatters on your hands or clothes, immediately wipe or wash it off with cold water.
- To prevent damage to the machine from static electricity, **DO NOT** touch the electrodes shown in the illustration.



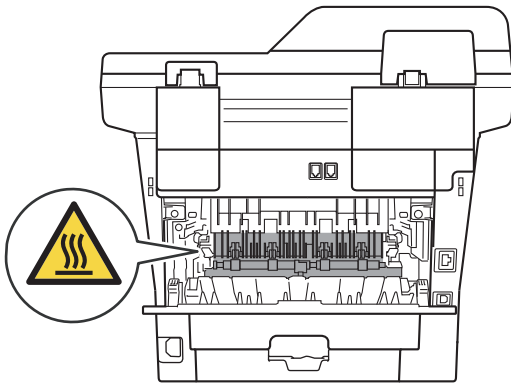
- 4 Open the back cover.



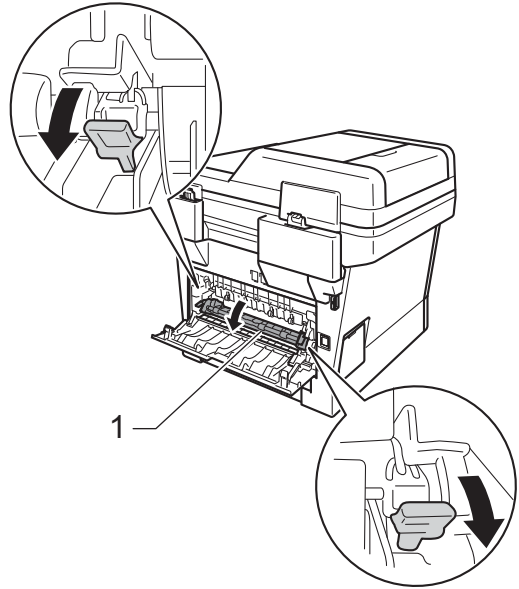
⚠ WARNING

⚠ HOT SURFACE

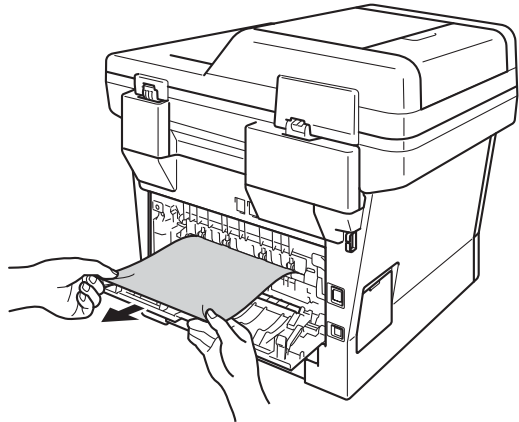
After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.



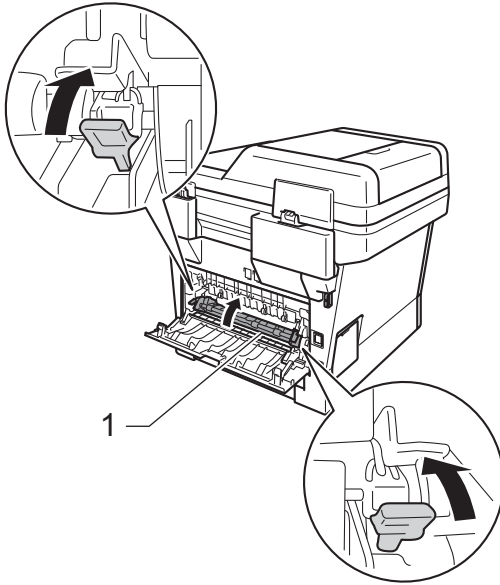
- 5 Pull the green tabs at the left and right hand sides toward you and fold down the fuser cover (1).



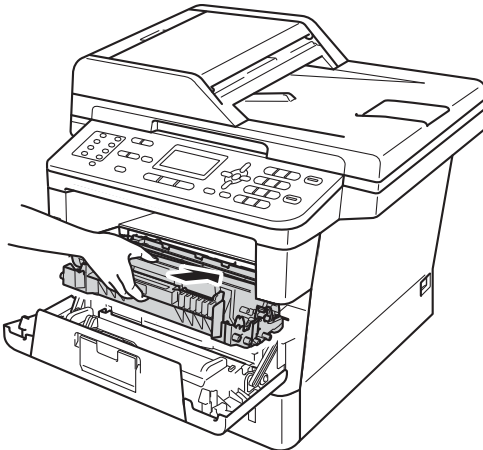
- 6 Using both hands, gently pull the jammed paper out of the fuser unit.



- 7 Close the fuser cover (1).



- 8 Close the back cover.
- 9 Put the drum unit and toner cartridge assembly back into the machine.

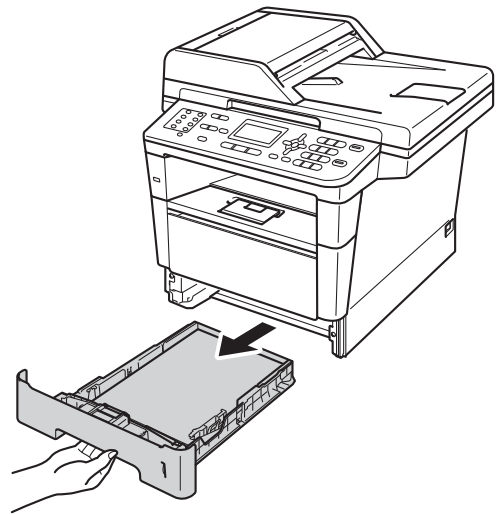


- 10 Close the front cover of the machine.

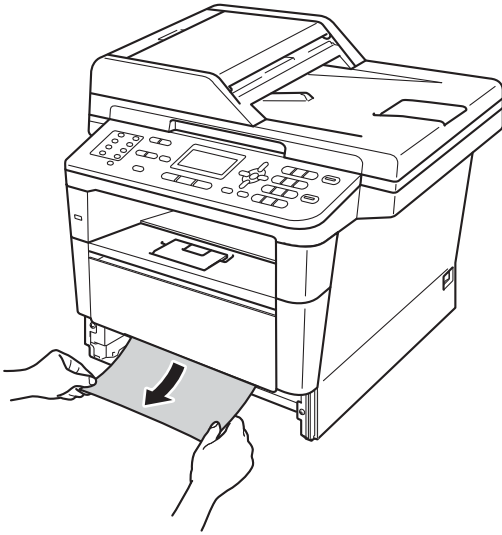
Paper is jammed inside the machine

If the LCD shows **Jam Inside**, follow these steps:

- 1 Leave the machine turned on for 10 minutes for the internal fan to cool the extremely hot parts inside the machine.
- 2 Pull the paper tray completely out of the machine.



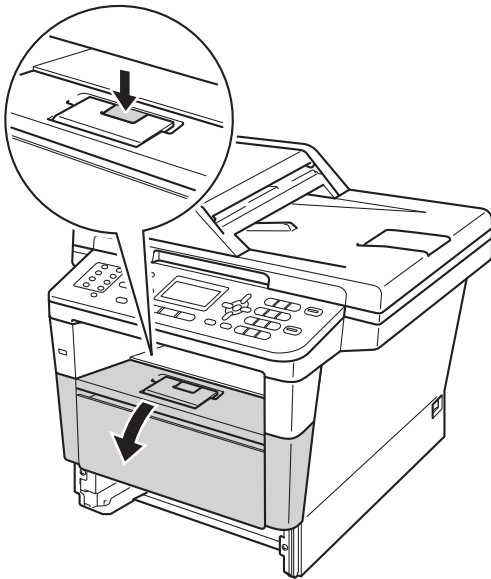
- 3 Use both hands to slowly pull out the jammed paper.



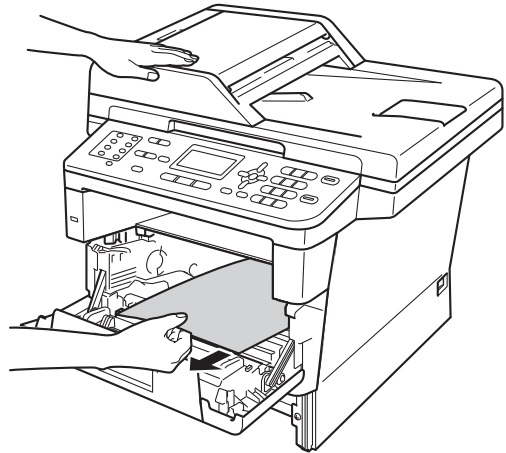
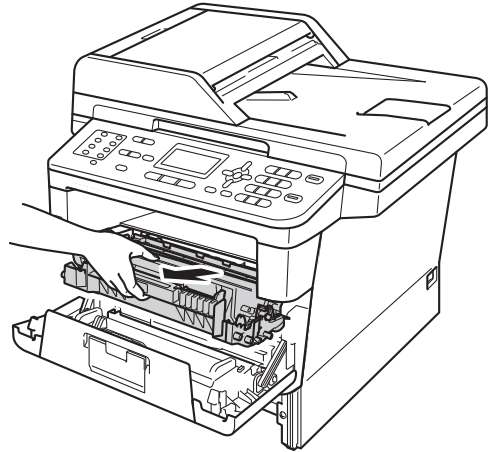
Note

Pulling the jammed paper downward allows you to remove the paper easier.

- 4 Press the front cover release button and then open the front cover.



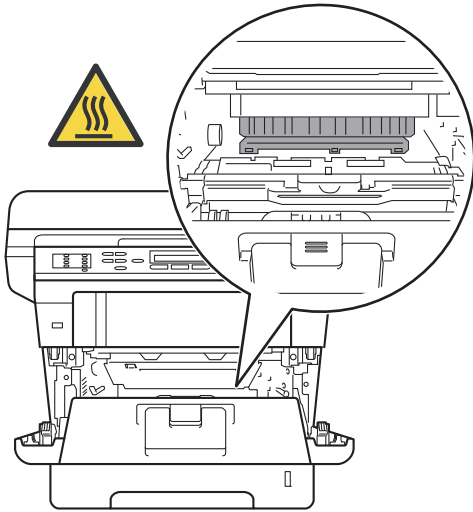
- 5 Slowly take out the drum unit and toner cartridge assembly. The jammed paper may be pulled out with the drum unit and toner cartridge assembly, or this may release the paper so you can pull it out from inside of the machine.



WARNING

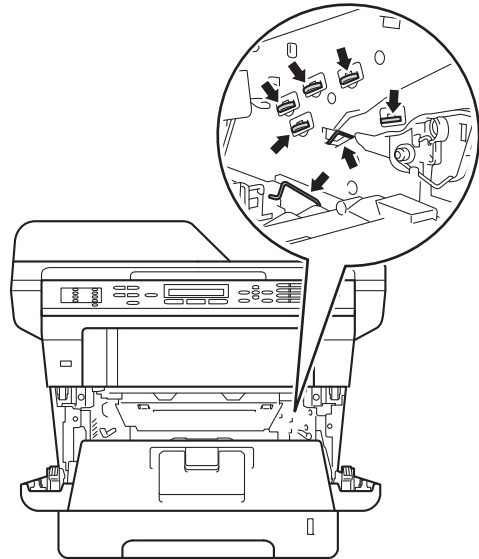
HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.



Important

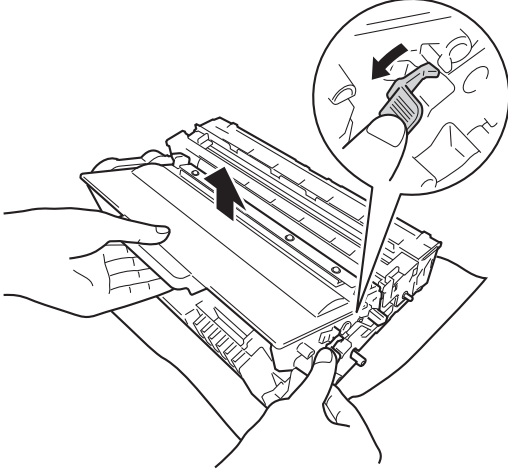
- We recommend that you put the drum unit and toner cartridge assembly on a piece of disposable paper or cloth in case you accidentally spill or scatter toner.
- Handle the drum unit and toner cartridge assembly carefully. If toner scatters on your hands or clothes, immediately wipe or wash it off with cold water.
- To prevent damage to the machine from static electricity, DO NOT touch the electrodes shown in the illustration.



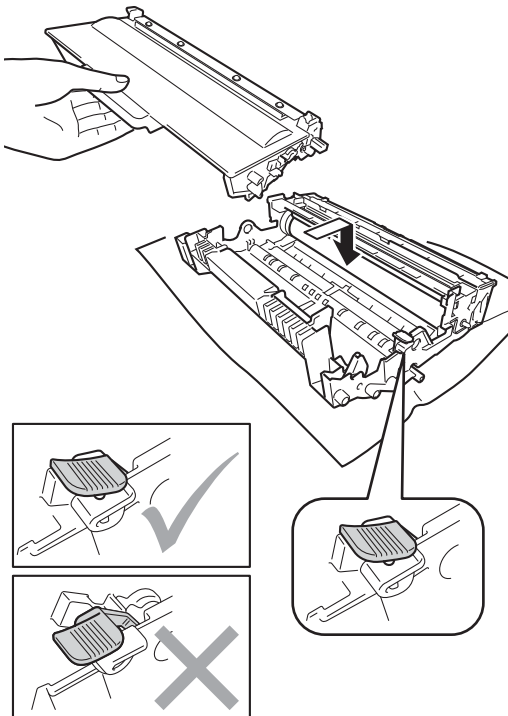
Note

The drum unit and toner cartridge are two separate parts. Make sure both are installed as an assembly. If the toner cartridge is placed in the machine without the drum unit, the messages **Drum Error** or **Jam Inside** may be displayed.

- 6 Push down the green lock lever and take the toner cartridge out of the drum unit. Remove the jammed paper if there is any inside the drum unit.



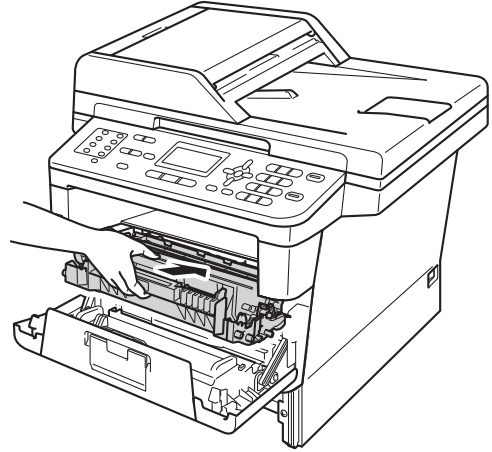
- 7 Put the toner cartridge back into the drum unit until you hear it lock into place. If you put the cartridge in correctly, the green lock lever on the drum unit will lift automatically.



 **Note**

Make sure that you put in the toner cartridge correctly or it may separate from the drum unit.

- 8 Put the drum unit and toner cartridge assembly back into the machine.



- 9 Close the front cover of the machine.
10 Put the paper tray firmly back in the machine.

 **Note**

If you turn off the machine while **Jam Inside** is displayed, the machine will print incomplete data from your computer. Before you turn on the machine, delete the print spool job on your computer.

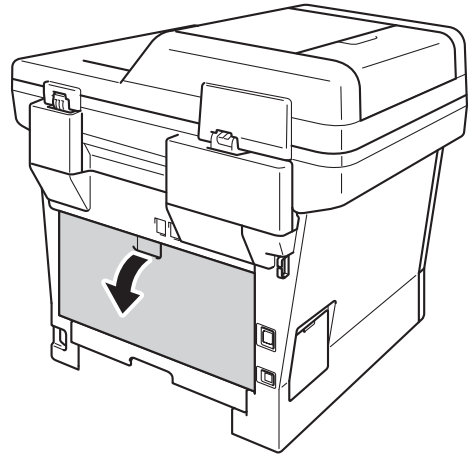
Paper is jammed in the duplex tray

If the LCD shows **Jam Duplex**, follow these steps:

- 1 Leave the machine turned on for 10 minutes for the internal fan to cool the extremely hot parts inside the machine.
- 2 Pull the paper tray completely out of the machine.



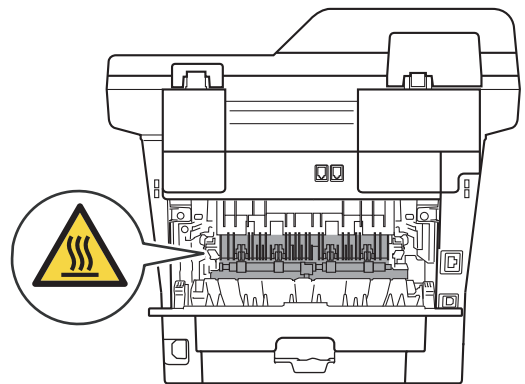
- 3 Open the back cover.



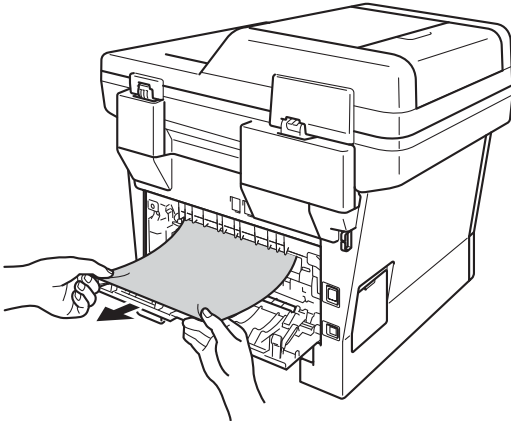
! WARNING

! HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.

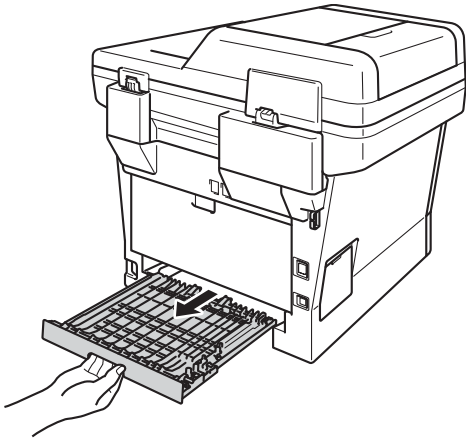


- 4 Using both hands, gently pull the jammed paper out of the back of the machine.

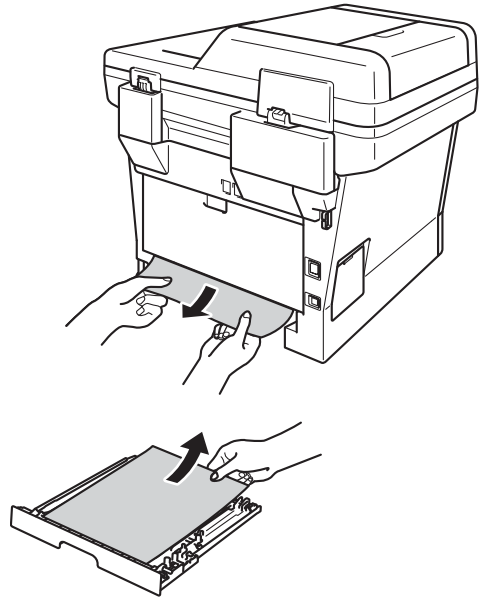


- 5 Close the back cover.

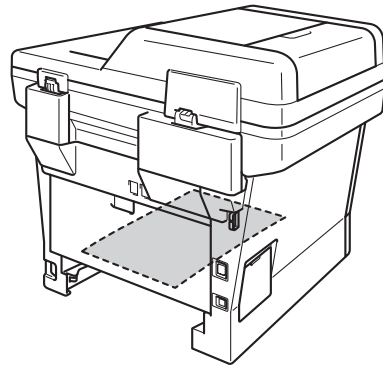
- 6 Pull the duplex tray completely out of the machine.



- 7 Pull the jammed paper out of the machine or out of the duplex tray.



- 8 Make sure that the jammed paper does not remain under the machine from static electricity.



- 9 Put the duplex tray back into the machine.



- 10 Put the paper tray firmly back in the machine.

If you are having difficulty with your machine

! Important

- For technical help, you must call the country where you bought the machine. Calls must be made from within that country.
- If you think there is a problem with your machine, check the chart below and follow the troubleshooting tips. You can correct most problems by yourself.
- If you need additional help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips.
Visit us at <http://solutions.brother.com/>.
- Using non-Brother supplies may affect the print quality, hardware performance, and machine reliability.

Printing difficulties

Difficulties	Suggestions
No printout.	Check that the correct printer driver has been installed and chosen.
	Check to see if the LCD is showing an error message. See <i>Error and maintenance messages</i> >> page 78.
	Check that the machine is online: (Windows® 7 and Windows Server® 2008 R2) Click the  (Start) button and then Devices and Printers . Right-click Brother MFC-XXXX Printer and click See what's printing . Click Printer in the menu bar. Make sure that Use Printer Offline is unchecked. (Windows Vista® and Windows Server® 2008) Click the  (Start) button, Control Panel, Hardware and Sound , and then Printers . Right-click Brother MFC-XXXX Printer . Make sure that Use Printer Offline is unchecked. (Windows® XP and Windows Server® 2003) Click the Start button and choose Printers and Faxes . Right-click Brother MFC-XXXX Printer . Make sure that Use Printer Offline is unchecked.
	Contact your administrator to check your Secure Function Lock settings.
The machine is not printing or has stopped printing.	Press Stop/Exit . The machine will cancel the print job and clear it from the memory. The printout may be incomplete.
The headers or footers appear when the document displays on the screen but they do not show up when it is printed.	There is an unprintable area on the top and bottom of the page. Adjust the top and bottom margins in your document to allow for this. See <i>Unscannable and unprintable areas</i> >> page 14.
The machine prints unexpectedly or it prints garbage.	Press Stop/Exit to cancel print jobs.
	Check the settings in your application to make sure that it is set up to work with your machine.



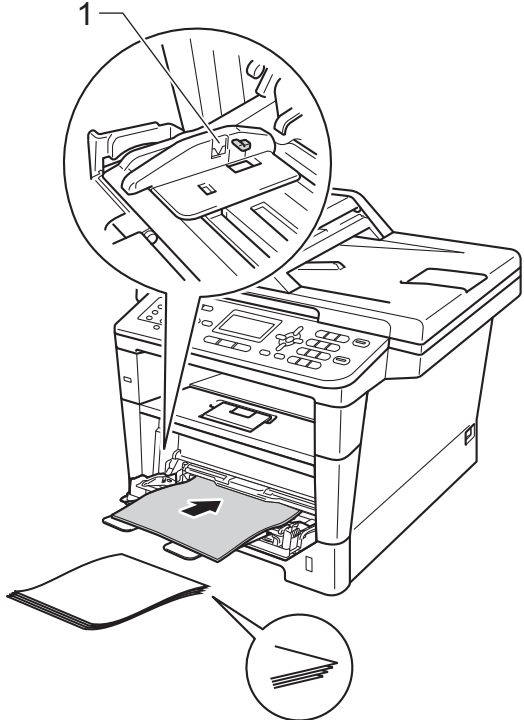
Printing difficulties (continued)

Difficulties	Suggestions
The machine prints the first couple of pages correctly, then some pages have text missing.	Check the settings in your application to make sure that it is set up to work with your machine.
	Your computer is not recognizing the machine's input buffer's full signal. Make sure that you connected the interface cable correctly.
	See Quick Setup Guide.
The machine does not print on both sides of the paper even though the printer driver setting is Duplex.	Check the paper size setting in the printer driver. You need to choose A4 paper that is 60 to 105 g/m ² .
The machine does not change to Direct Print mode when a USB flash memory drive is connected to the USB direct interface.	When the machine is in Deep Sleep mode, the machine does not wake up even if you connect a USB flash memory drive to the USB direct interface. Press Stop/Exit to wake up the machine.
Cannot perform 'Page Layout' printing.	Check that the paper size setting in the application and in the printer driver are the same.
Print speed is too slow.	Try changing the printer driver setting. The highest resolution needs longer data processing, sending and printing time.
	Check that the back cover is firmly closed and the duplex tray is firmly installed.
	Add optional memory.
	See Advanced User's Guide: <i>Installing extra memory</i> .
The machine does not print from Adobe® Illustrator®.	Try to reduce the print resolution.
	See Software User's Guide: <i>Printing</i> (for Windows®).
	See Software User's Guide: <i>Printing and Faxing</i> (for Macintosh).
Poor print quality	See <i>Improving the print quality</i> >> page 110.

Paper handling difficulties

Difficulties	Suggestions
The machine does not feed paper.	If the LCD shows the Paper Jam message and you still have a problem, see <i>Error and maintenance messages</i> >> page 78.
	If there is no paper, load a new stack of paper into the paper tray.
	If there is paper in the paper tray, make sure it is straight. If the paper is curled, you should straighten it. Sometimes it is helpful to remove the paper, turn the stack over and put it back into the paper tray.
	Reduce the amount of paper in the paper tray, and then try again.
	Make sure that manual feed mode is not chosen in the printer driver.
	Clean the paper pick-up roller.
	See Advanced User's Guide: <i>Cleaning the paper pick-up rollers</i> .
The machine does not feed paper from the MP tray.	Make sure that MP Tray is chosen in the printer driver.
	Fan the paper well and put it back in the tray firmly.

Paper handling difficulties (continued)

Difficulties	Suggestions
<p>The machine does not feed paper from the MP Tray when using a large stack of paper.</p>	<p>Fan the paper well and make sure the paper is under the maximum paper mark (1). Stagger the pages and put them in the tray until you feel the top page touch the feed rollers as shown in the illustration.</p> 
<p>How do I print on envelopes?</p>	<p>You can load envelopes in the MP tray. Your application must be set up to print the envelope size you are using. This is usually done in the Page Setup or Document Setup menu of your application. (See your application's manual for more information.)</p>

Printing received faxes

Difficulties	Suggestions
<ul style="list-style-type: none"> ■ Condensed print ■ Horizontal streaks ■ Top and bottom sentences are cut off ■ Missing lines 	<p>Usually this is caused by a poor telephone connection. Make a copy: if your copy looks good, you probably had a bad connection, with static or interference on the telephone line. Ask the other party to send the fax again.</p>
<p>Vertical black lines when receiving</p>	<p>The corona wire for printing may be dirty. Clean the corona wire on the drum unit. See <i>Cleaning the corona wire</i> >> page 69.</p> <p>The sender's scanner may be dirty. Ask the sender to make a copy to see if the problem is with the sending machine. Try receiving from another fax machine.</p>

Printing received faxes (continued)

Difficulties	Suggestions
Received faxes appear as split or blank pages.	Left and right margins are cut off or a single page is printed on two pages. See <i>Paper Size</i> >> page 15.
	Turn on Auto Reduction.
	See Advanced User's Guide: <i>Printing a reduced incoming fax</i> .

Telephone line or connections

Difficulties	Suggestions
Dialling does not work. (No dial tone)	Check all line cord connections. Make sure the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine.
	Send a manual fax by pressing Hook and dialling the number. Wait to hear fax receiving tones before pressing Start .
	If there is no dial tone, connect a known working telephone and telephone line cord to the jack. Then lift the external telephone's handset and listen for a dial tone. If there is still no dial tone, ask your telephone company to check the line and/or wall jack.
The machine does not answer when called.	Make sure the machine is in the correct receive mode for your setup. See <i>Receive Mode settings</i> >> page 31.
	Check for a dial tone. If possible, call your machine to hear it answer. If there is still no answer, check the telephone line cord connection. If you do not hear ringing when you call your machine, ask your telephone company to check the line.


Receiving faxes

Difficulties	Suggestions
<p>Cannot receive a fax.</p>	<p>Make sure your machine has a dial tone by pressing the Hook key. If you hear static or interference on your fax line, please contact your local telephone company.</p>
	<p>Check all line cord connections. Make sure the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine. If you subscribe to DSL or VoIP services, please contact your service provider for connection instructions.</p>
	<p>Make sure the machine is in the correct Receive Mode. This is determined by the external devices and telephone subscriber services you have on the same line as the Brother machine.</p> <p>See <i>Receive Mode settings</i> >> page 31.</p> <ul style="list-style-type: none"> ■ If you have a dedicated fax line and want your Brother machine to automatically answer all incoming faxes, you should select Fax Only mode. ■ If your Brother machine shares a line with an external answering machine, you should select the External TAD mode. In External TAD mode, your Brother machine will automatically receive incoming faxes and voice callers will be able to leave a message on your answering machine. ■ If your Brother machine is on a line with the Distinctive Ring subscriber service, please see <i>Distinctive Ring</i> >> page 35. ■ If your Brother machine shares a line with other telephones and you want it to automatically answer all incoming faxes, you should select the Fax/Tel mode. In Fax/Tel mode, your Brother machine will automatically receive faxes and produce a pseudo/double-ring to alert you to answer voice calls. ■ If you do not want your Brother machine to automatically answer any incoming faxes, you should select the Manual mode. In Manual mode, you must answer every incoming call and activate the machine to receive faxes.
	<p>Another device or service at your location may be answering the call before your Brother machine answers. To test this, lower the ring delay setting:</p> <ul style="list-style-type: none"> ■ If the answer mode is set to Fax Only or Fax/Tel, reduce the ring delay to 1 ring. <p>See <i>Ring Delay</i> >> page 31.</p> <ul style="list-style-type: none"> ■ If the answer mode is set to External TAD, reduce the number of rings programmed on your answering machine to 2. ■ If the answer mode is set to Manual, DO NOT adjust the ring delay setting.
	<p>Have someone send you a test fax:</p> <ul style="list-style-type: none"> ■ If you received the test fax successfully, your machine is operating correctly. Remember to reset your ring delay or answering machine setting back to your original setting. If receiving problems recur after resetting the ring delay, then a person, device, or subscriber service is answering the fax call before the machine has a chance to answer. ■ If you were not able to receive the fax, then another device or subscriber service may be interfering with your fax reception or there may be a problem with your fax line.

Receiving faxes (continued)

Difficulties	Suggestions
Cannot receive a fax. (continued)	<p>If you are using a telephone answering machine (External TAD mode) on the same line as the Brother machine, make sure your answering machine is set up correctly.</p> <p>See <i>Connecting an external TAD (telephone answering device)</i> >> page 36.</p> <ol style="list-style-type: none"> 1 Plug the telephone line cord directly from the wall telephone jack to your Brother machine's LINE jack. 2 Remove the protective cap from your Brother machine's EXT jack, and then plug the telephone line cord from your answering machine into the EXT jack. 3 Set your answering machine to answer within 4 rings. <p>If you are having problems receiving faxes or voice messages, set your answering machine to answer within 2 or 3 rings.</p> <ol style="list-style-type: none"> 4 Record the outgoing message on your answering machine. <ul style="list-style-type: none"> ■ Record five seconds of silence at the beginning of your outgoing message. ■ Limit your speaking to 20 seconds. ■ End your outgoing message with your Fax Receive Code for people sending manual faxes. For example: "After the beep, leave a message or press *51 and Start to send a fax." 5 Set your answering machine to answer calls. 6 Set your Brother machine's Receive Mode to External TAD. <p>See <i>Receive Mode settings</i> >> page 31.</p>
	<p>Make sure your Brother machine's Easy Receive feature is turned On. Easy Receive is a feature that allows you to receive a fax even if you have answered the call on an external or extension telephone.</p> <p>See <i>Easy Receive</i> >> page 32.</p>
	<p>If you often get transmission errors due to possible interference on the telephone line, try changing the Compatibility setting to Basic (for VoIP).</p> <p>See <i>Telephone line interference / VoIP</i> >> page 109.</p>
	<p>Contact your administrator to check your Secure Function Lock Settings.</p>

Sending faxes

Difficulties	Suggestions
Cannot send a fax.	<p>Check all line cord connections. Make sure the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine.</p>
	<p>Make sure that FAX  is illuminated.</p> <p>See <i>How to send a fax</i> >> page 25.</p>
	<p>Print the Transmission Verification Report and check for an error.</p> <p>See <i>Advanced User's Guide: Reports</i>.</p>
	<p>Contact your administrator to check your Secure Function Lock Settings.</p>
	<p>Ask the other party to check that the receiving machine has paper.</p>


Sending faxes (continued)

Difficulties	Suggestions
Poor sending quality.	Try changing your resolution to <i>Fine</i> or <i>S. Fine</i> . Make a copy to check your machine's scanner operation. If the copy quality is not good, clean the scanner. See <i>Advanced User's Guide: Cleaning the scanner</i> .
Transmission Verification Report says RESULT:NG .	There is probably temporary noise or static on the line. Try sending the fax again. If you are sending a PC-Fax message and get RESULT:NG on the Transmission Verification Report, your machine may be out of memory. To free up extra memory, you can turn off fax storage (See <i>Advanced User's Guide: Changing Remote Fax Options</i> .), print fax messages in memory (See <i>Advanced User's Guide: Printing a fax from the memory</i> .) or cancel a delayed fax or polling job. (See <i>Advanced User's Guide: Checking and canceling waiting jobs</i> .) If the problem continues, ask the telephone company to check your telephone line. If you often get transmission errors due to possible interference on the telephone line, try changing the Compatibility setting to <i>Basic</i> (for VoIP). See <i>Telephone line interference / VoIP</i> >>> page 109.
Sent faxes are blank.	Make sure you are loading the document correctly. When using the ADF, the document should be face up. When using the scanner glass, the document should be face down. See <i>Loading documents</i> >>> page 23.
Vertical black lines when sending.	Black vertical lines on faxes you send are typically caused by dirt or correction fluid on the glass strip. See <i>Advanced User's Guide: Cleaning the scanner</i> .

Handling incoming calls

Difficulties	Suggestions
The machine 'Hears' a voice as a CNG Tone.	If Easy Receive is set to On, your machine is more sensitive to sounds. It may mistakenly interpret certain voices or music on the line as a fax machine calling and respond with fax receiving tones. Deactivate the machine by pressing Stop/Exit . Try avoiding this problem by turning Easy Receive to Off. See <i>Easy Receive</i> >>> page 32.
Sending a Fax Call to the machine.	If you answered on an external or extension telephone, press your Fax Receive Code (the factory setting is *51). If you answered on the external telephone (connected to the EXT. jack), press Start to receive the fax. When your machine answers, hang up.
Custom features on a single line.	If you have Call Waiting, Call Waiting/Caller ID, Caller ID, Voice Mail, an answering machine, an alarm system or other custom feature on a single telephone line with your machine, it may create a problem sending or receiving faxes. For Example: If you subscribe to Call Waiting or some other custom service and its signal comes through the line while your machine is sending or receiving a fax, the signal can temporarily interrupt or disrupt the faxes. Brother's ECM (Error Correction Mode) feature should help overcome this problem. This condition is related to the telephone system industry and is common to all devices that send and receive information on a single, shared line with custom features. If avoiding a slight interruption is crucial to your business, a separate line with no custom features is recommended.

Copying difficulties

Difficulties	Suggestions
Cannot make a copy.	<p>Make sure that COPY  is illuminated.</p> <p>See <i>How to copy</i> >> page 50.</p> <p>Contact your administrator to check your Secure Function Lock Settings.</p>
Vertical black line appears in copies.	<p>Black vertical lines on copies are typically caused by dirt or correction fluid on the glass strip, or the corona wire is dirty. Clean the glass strip and scanner glass and also the white bar and white plastic above them.</p> <p>See <i>Cleaning the corona wire</i> >> page 69.</p> <p>See <i>Advanced User's Guide: Cleaning the scanner</i>.</p>
Copies are blank.	<p>Make sure you are loading the document correctly.</p> <p>See <i>Using the automatic document feeder (ADF)</i> >> page 23 or <i>Using the scanner glass</i> >> page 24.</p>

Scanning difficulties

Difficulties	Suggestions
TWAIN or WIA errors appear when starting to scan. (Windows®)	<p>Make sure the Brother TWAIN or WIA driver is chosen as the primary source in your scanning application. For example, in PageManager, click File, Select Source to choose the Brother TWAIN/WIA driver.</p>
TWAIN or ICA errors appear when starting to scan. (Macintosh)	<p>Make sure the Brother TWAIN driver is chosen as the primary source. In PageManager, click File, Select Source and choose the Brother TWAIN driver.</p> <p>Mac OS X 10.6.x and 10.7.x users can also scan documents using the ICA Scanner Driver</p> <p>See <i>Software User's Guide: Scanning a document using the ICA driver (Mac OS X 10.6.x or greater)</i>.</p>
OCR does not work.	<p>Try increasing the scanning resolution.</p> <p>(Macintosh users)</p> <p>Make sure you have downloaded and installed Presto! PageManager from http://nj.newsoft.com.tw/download/brother/PM9SEInstaller_BR_multilang.dmg</p>
Network scanning does not work.	<p>See <i>Network difficulties</i> >> page 107.</p>
Cannot scan.	<p>Contact your administrator to check your Secure Function Lock Settings.</p>

Software difficulties

Difficulties	Suggestions
Cannot install software or print.	<p>(Windows® users)</p> <p>Run the Repair MFL-Pro Suite program on the CD-ROM. This program will repair and reinstall the software.</p>




Network difficulties

Difficulties	Suggestions
<p>Cannot print over a wired Network.</p>	<p>If you are having Network problems. See Network User's Guide.</p> <p>Make sure your machine is powered on and is online and in Ready mode. Print the Network Configuration Report to verify your Network settings. See Advanced User's Guide: <i>Reports</i>.</p> <p>Reconnect the LAN cable to the hub to verify that the cable and network connections are good. If possible, try connecting the machine to a different port on your hub using a different cable. You can check the current wired network status from the Network control panel menu.</p>
<p>The network scanning feature does not work.</p>	<p>(Windows® and Macintosh)</p> <p>The network scanning feature may not work due to the firewall settings. Change or disable the firewall settings. It is necessary to set the third-party Security/Firewall Software to allow Network scanning. To add port 54925 for Network scanning, enter the information below:</p> <ul style="list-style-type: none"> ■ In Name: Enter any description, for example Brother NetScan. ■ In Port number: Enter 54925. ■ In Protocol: UDP is selected. <p>Please refer to the instruction manual that came with your third-party Security/Firewall Software or contact the software manufacturer.</p> <p>For more details, you can read FAQs and troubleshooting suggestions at http://solutions.brother.com/.</p>
	<p>(Macintosh)</p> <p>Re-select your machine in the Device Selector application located in Macintosh HD/Library/Printers/Brother/Utilities/DeviceSelector or from the model list in ControlCenter2.</p>
<p>The network PC-Fax Receive feature does not work.</p>	<p>(Windows® only)</p> <p>It is necessary to set the third-party Security/Firewall Software to allow PC-FAX Rx. To add port 54926 for Network PC-FAX Rx, enter the information below:</p> <ul style="list-style-type: none"> ■ In Name: Enter any description, for example Brother PC-FAX Rx. ■ In Port number: Enter 54926. ■ In Protocol: UDP is selected. <p>Please refer to the instruction manual that came with your third-party Security/Firewall Software or contact the software manufacturer.</p> <p>For more details, you can read FAQs and troubleshooting suggestions at http://solutions.brother.com/.</p>
<p>The Brother software cannot be installed.</p>	<p>(Windows®)</p> <p>If the Security Software warning appears on the PC screen during the installation, change the Security Software settings to permit the Brother product setup program or other program to run.</p> <p>(Macintosh)</p> <p>If you are using a firewall function of anti-spyware or antivirus security software, temporarily disable it and then install the Brother software.</p>

Network difficulties (continued)

Difficulties	Suggestions
Cannot connect to wireless network. (MFC-8910DW)	Investigate the problem using the WLAN Report . Press Menu, 6, 7 , and then press Start . See Quick Setup Guide.

Other difficulties

Difficulties	Suggestions
The machine will not turn on.	Adverse conditions on the power connection (such as lightning or a power surge) may have triggered the machine's internal safety mechanisms. Turn the machine off and unplug the power cord. Wait for ten minutes, then plug in the power cord and turn the machine on. If the problem is not solved, turn off the machine. If you are using a backup battery or surge suppressor device, disconnect it to make sure it is not the problem. Plug the machine's power cord directly into a different known working wall outlet and turn on the machine.
The machine cannot print EPS data that includes binary with the BR-Script3 printer driver.	(Windows®) You need the following settings to print EPS data: <ol style="list-style-type: none"> 1 For Windows® 7 and Windows Server® 2008 R2: Click the  (Start) button and Devices and Printers. For Windows Vista® and Windows Server® 2008: Click the  (Start) button, Control Panel, Hardware and Sound, and then Printers. For Windows® XP and Windows Server® 2003: Click the Start button, and select Printers and Faxes. 2 Right-click the Brother MFC-XXXX BR-Script3 icon and select Properties¹. 3 From the Device Settings tab, choose TBCP (Tagged binary communication protocol) in Output Protocol. (Macintosh) If your machine is connected to a computer with a USB interface, you cannot print EPS data that includes binary. You can print the EPS data at the machine through a network. For installing BR-Script3 printer driver through the network, visit the Brother Solutions Center at http://solutions.brother.com/ .
The machine beeps when you try to access the Setup Receive and Setup Send menus.	If FAX  is not illuminated, press it to turn on FAX mode. The Setup Receive settings (Menu, 2, 1) and Setup Send settings (Menu, 2, 2) are available only when the machine is in FAX mode.

¹ For Windows® 7 and Windows Server® 2008 R2: **Printer properties**, and **Brother MFC-XXXX BR-Script3** if necessary

Setting Dial Tone detection

Setting the Dial Tone to **Detection** will shorten the Dial Tone detect pause.

- 1 Press **Menu, 0, 4**.

```

04.Dial Tone
▲      Detection
▼      No Detection
-----
Select ▲▼ or OK
  
```

- 2 Press **▲** or **▼** to choose **Detection** or **No Detection**. Press **OK**.
- 3 Press **Stop/Exit**.

Telephone line interference / VoIP

If you are having difficulty sending or receiving a fax due to possible interference on the telephone line, we recommend that you adjust the Equalization for compatibility to reduce the modem speed for fax operations.

- 1 Press **Menu, 2, 0, 1**.

```

20.Miscellaneous
  1.Compatibility
▲      High
▼      Normal
-----
Select ▲▼ or OK
  
```

- 2 Press **▲** or **▼** to choose **High**, **Normal** or **Basic** (for VoIP).

- **Basic** (for VoIP) reduces the modem speed to 9600 bps and turns off ECM (error correction mode). Unless interference is a recurring problem on your telephone line, you may prefer to use it only when needed.

To improve compatibility with most VoIP services, Brother recommends changing the compatibility setting to **Basic** (for VoIP).

- **Normal** sets the modem speed at 14400 bps.
- **High** sets the modem speed at 33600 bps.

Press **OK**.

- 3 Press **Stop/Exit**.



Note

VoIP (Voice over IP) is a type of phone system that uses an Internet connection, rather than a traditional phone line.

Improving the print quality


If you have a print quality problem, print a test page first (**Menu, 4, 2, 3**). If the printout looks good, the problem is probably not the machine. Check the interface cable connections and try printing a different document. If the printout or test page printed from the machine has a quality problem, check the following steps first. And then, if you still have a print quality problem, check the chart below and follow the recommendations.


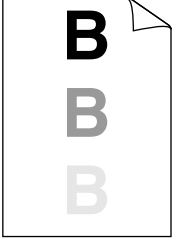
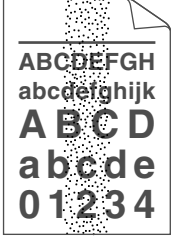





Note

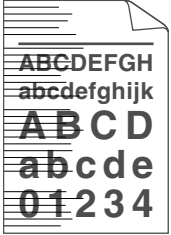

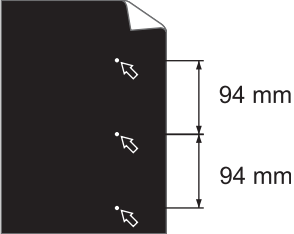
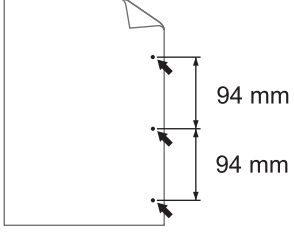
Using non-Brother supplies may affect the print quality, hardware performance, and machine reliability.

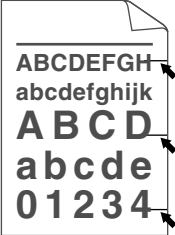
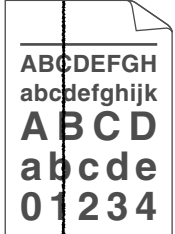
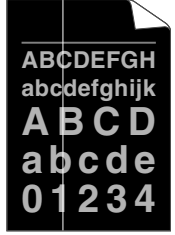
- 1 To get the best print quality, we suggest using the recommended paper. Check that you use paper that meets our specifications. (See *Acceptable paper and other print media* >> page 18.)
- 2 Check that the drum unit and toner cartridge are installed correctly.


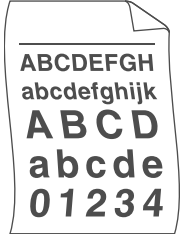
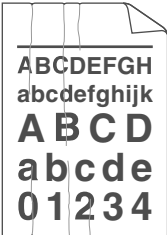
Examples of poor print quality	Recommendation
 <p style="text-align: center;">Faint</p>	<ul style="list-style-type: none"> ■ Take out the drum unit and toner cartridge assembly. Hold the assembly level with both hands and gently shake it from side to side several times to spread the toner evenly inside the cartridge. ■ If the LCD shows <i>Replace Toner</i>, put in a new toner cartridge. See <i>Replacing the toner cartridge</i> >> page 64. ■ Check the machine's environment. Conditions such as humidity, high temperatures, and so on, may cause this print fault. See <i>Product Safety Guide: Choosing a location</i>. ■ If the whole page is too light, <i>Toner Save</i> may be turned on. Turn off <i>Toner Save</i> in the machine's menu settings or Toner Save Mode in the Printer Properties of the driver. See <i>Advanced User's Guide: Toner Save</i>. See <i>Software User's Guide: Printing</i> (for Windows®). See <i>Software User's Guide: Printing and Faxing</i> (for Macintosh). ■ Clean the corona wire of the drum unit. See <i>Cleaning the corona wire</i> >> page 69. ■ Put in a new toner cartridge. See <i>Replacing the toner cartridge</i> >> page 64. ■ Put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71.


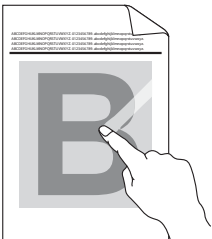

Examples of poor print quality	Recommendation
 <p data-bbox="209 556 410 585">Grey background</p>	<ul style="list-style-type: none"> <li data-bbox="506 295 1167 363">■ Make sure that you use paper that meets our specifications. See <i>Acceptable paper and other print media</i> >> page 18. <li data-bbox="506 382 1167 508">■ Check the machine's environment. Conditions such as high temperatures and high humidity can increase the amount of background shading. See Product Safety Guide: <i>Choosing a location</i>. <li data-bbox="506 527 1030 595">■ Put in a new toner cartridge. See <i>Replacing the toner cartridge</i> >> page 64. <li data-bbox="506 614 975 681">■ Put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71.
 <p data-bbox="275 952 344 981">Ghost</p>	<ul style="list-style-type: none"> <li data-bbox="506 691 1249 788">■ Make sure that you use paper that meets our specifications. Rough-surfaced paper or thick paper may cause this problem. See <i>Acceptable paper and other print media</i> >> page 18. <li data-bbox="506 807 1249 952">■ Make sure that you choose the appropriate media type in the printer driver or in the machine's <i>Paper Type</i> menu setting. See <i>Paper Type</i> >> page 15. See Software User's Guide: <i>Printing</i> (for Windows®). See Software User's Guide: <i>Printing and Faxing</i> (for Macintosh). <li data-bbox="506 1010 1098 1126">■ Choose Reduce Ghosting mode in the printer driver. See Software User's Guide: <i>Printing</i> (for Windows®). See Software User's Guide: <i>Printing and Faxing</i> (for Macintosh). <li data-bbox="506 1145 975 1213">■ Put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71. <li data-bbox="506 1232 1030 1300">■ Put in a new toner cartridge. See <i>Replacing the toner cartridge</i> >> page 64. <li data-bbox="506 1319 920 1387">■ The fuser unit may be contaminated. Call Brother Customer Service.
 <p data-bbox="231 1657 389 1686">Toner specks</p>	<ul style="list-style-type: none"> <li data-bbox="506 1396 1249 1493">■ Make sure that you use paper that meets our specifications. Rough-surfaced paper may cause the problem. See <i>Acceptable paper and other print media</i> >> page 18. <li data-bbox="506 1512 989 1580">■ Clean the corona wire of the drum unit. See <i>Cleaning the corona wire</i> >> page 69. <li data-bbox="506 1599 1126 1667">■ The drum unit may be damaged. Put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71. <li data-bbox="506 1686 920 1754">■ The fuser unit may be contaminated. Call Brother Customer Service.

Examples of poor print quality	Recommendation
 <p data-bbox="209 556 351 585">Hollow print</p>	<ul style="list-style-type: none"> <li data-bbox="477 295 1136 324">■ Make sure that you use paper that meets our specifications. See <i>Acceptable paper and other print media</i> >> page 18. <li data-bbox="477 382 1221 465">■ Choose Thick Paper mode in the printer driver, choose Thick in the machine's Paper Type menu setting or use thinner paper than you are currently using. See <i>Paper Type</i> >> page 15. See <i>Software User's Guide: Printing</i> (for Windows®). See <i>Software User's Guide: Printing and Faxing</i> (for Macintosh). <li data-bbox="477 614 1221 672">■ Check the machine's environment. Conditions such as high humidity can cause hollow print. See <i>Product Safety Guide: Choosing a location</i>. <li data-bbox="477 730 1098 759">■ The drum unit may be damaged. Put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71.
 <p data-bbox="230 1072 330 1101">All black</p>	<ul style="list-style-type: none"> <li data-bbox="477 811 1214 869">■ Clean the corona wire inside the drum unit by sliding the green tab. Be sure to return the green tab to the home position (▲). See <i>Cleaning the corona wire</i> >> page 69. <li data-bbox="477 927 1098 956">■ The drum unit may be damaged. Put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71.
 <p data-bbox="120 1377 440 1406">White lines across the page</p>	<ul style="list-style-type: none"> <li data-bbox="477 1116 1221 1174">■ Make sure that you use paper that meets our specifications. A rough surfaced paper or thick print media can cause this problem. See <i>Acceptable paper and other print media</i> >> page 18. <li data-bbox="477 1222 1221 1280">■ Make sure that you choose the appropriate media type in the printer driver or in the machine's Paper Type menu setting. See <i>Paper Type</i> >> page 15. See <i>Software User's Guide: Printing</i> (for Windows®). See <i>Software User's Guide: Printing and Faxing</i> (for Macintosh). <li data-bbox="477 1425 1221 1503">■ The problem may disappear by itself. Print multiple blank pages to clear this problem, especially if the machine has not been used for a long time. <li data-bbox="477 1522 1098 1551">■ The drum unit may be damaged. Put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71.

Examples of poor print quality	Recommendation
 <p>Lines across the page</p>	<ul style="list-style-type: none"> ■ Clean the corona wire inside the drum unit. See <i>Cleaning the corona wire</i> >> page 69. ■ The drum unit may be damaged. Put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71.
 <p>White lines, bands or ribbing across the page</p>	<ul style="list-style-type: none"> ■ Check the machine's environment. Conditions such as high humidity and high temperatures may cause this print quality problem. See Product Safety Guide: <i>Choosing a location</i>. ■ If the problem is not solved after printing a few pages, put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71.
 <p>White Spots on black text and graphics at 94 mm intervals</p>  <p>Black Spots at 94 mm intervals</p>	<ul style="list-style-type: none"> ■ Make 10-15 copies of a blank, white sheet of paper. If the problem is not solved after printing the blank pages, the drum unit may have foreign material, such as glue from a label, stuck on the drum. Clean the drum unit. See Advanced User's Guide: <i>Cleaning the drum unit</i>. ■ The drum unit may be damaged. Put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71.

Examples of poor print quality	Recommendation
 <p data-bbox="113 556 447 614">Black toner marks across the page</p>	<ul style="list-style-type: none"> <li data-bbox="477 295 1226 392">■ If you use label sheets for laser printers, the glue from the sheets may sometimes stick to the OPC drum surface. Clean the drum unit. See <i>Advanced User's Guide: Cleaning the drum unit</i>. <li data-bbox="477 411 1226 479">■ Make sure that you use paper that meets our specifications. See <i>Acceptable paper and other print media</i> >> page 18. <li data-bbox="477 498 1226 556">■ Do not use paper that has clips or staples because they will scratch the surface of the drum. <li data-bbox="477 566 1226 624">■ If the unpacked drum unit is in direct sunlight or room light, the unit may be damaged. <li data-bbox="477 643 1226 710">■ The toner cartridge may be damaged. Put in a new toner cartridge. See <i>Replacing the toner cartridge</i> >> page 64. <li data-bbox="477 720 1226 788">■ The drum unit may be damaged. Put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71.
 <p data-bbox="131 1064 430 1161">Black lines down the page Printed pages have toner stains down the page</p>	<ul style="list-style-type: none"> <li data-bbox="477 803 1226 871">■ Clean the corona wire inside the drum unit by sliding the green tab. See <i>Cleaning the corona wire</i> >> page 69. <li data-bbox="477 890 1226 919">■ Make sure the green tab of the corona wire is at the home position (▲). <li data-bbox="477 929 1226 996">■ The toner cartridge may be damaged. Put in a new toner cartridge. See <i>Replacing the toner cartridge</i> >> page 64. <li data-bbox="477 1016 1226 1083">■ The drum unit may be damaged. Put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71. <li data-bbox="477 1103 1226 1170">■ The fuser unit may be contaminated. Call Brother Customer Service.
 <p data-bbox="131 1445 430 1464">White lines down the page</p>	<ul style="list-style-type: none"> <li data-bbox="477 1184 1226 1271">■ Make sure that foreign material such as a torn piece of paper, sticky notes or dust is not inside the machine and around the drum unit and toner cartridge. <li data-bbox="477 1280 1226 1348">■ The toner cartridge may be damaged. Put in a new toner cartridge. See <i>Replacing the toner cartridge</i> >> page 64. <li data-bbox="477 1367 1226 1435">■ The drum unit may be damaged. Put in a new drum unit. See <i>Replacing the drum unit</i> >> page 71.

Examples of poor print quality	Recommendation
 <p data-bbox="227 550 392 579">Image skewed</p>	<ul style="list-style-type: none"> <li data-bbox="504 295 1251 382">■ Make sure that the paper or other print media is loaded correctly in the paper tray and that the guides are not too tight or too loose against the paper stack. <li data-bbox="504 396 1035 463">■ Set the paper guides correctly. See <i>Loading paper and print media</i> >> page 9. <li data-bbox="504 477 1251 544">■ If you are using the MP tray, see <i>Loading paper in the multi-purpose tray (MP tray)</i> >> page 11. <li data-bbox="504 558 1035 625">■ The paper tray may be too full. See <i>Loading paper and print media</i> >> page 9. <li data-bbox="504 639 1145 707">■ Check the paper type and quality. See <i>Acceptable paper and other print media</i> >> page 18. <li data-bbox="504 720 1200 749">■ Check for loose objects such as torn paper inside the machine. <li data-bbox="504 763 1251 850">■ If the problem only occurs during duplex printing, check for torn paper in the duplex tray, verify that the duplex tray is inserted completely and verify that the back cover is closed completely.
 <p data-bbox="220 1116 399 1145">Curled or wavy</p>	<ul style="list-style-type: none"> <li data-bbox="504 861 1195 948">■ Check the paper type and quality. High temperatures and high humidity will cause paper to curl. See <i>Acceptable paper and other print media</i> >> page 18. See <i>Product Safety Guide: Choosing a location</i>. <li data-bbox="504 1016 1251 1132">■ If you do not use the machine often, the paper may have been in the paper tray too long. Turn over the stack of paper in the paper tray. Also, fan the paper stack and then rotate the paper 180° in the paper tray. <li data-bbox="504 1145 1251 1213">■ Open the back cover (face-up output tray) to let the printed paper exit onto the face-up output tray. <li data-bbox="504 1226 1251 1294">■ Choose Reduce Paper Curl mode in the printer driver when you do not use our recommended paper. See <i>Software User's Guide: Printing</i> (for Windows®). See <i>Software User's Guide: Printing and Faxing</i> (for Macintosh).
 <p data-bbox="193 1632 426 1661">Wrinkles or creases</p>	<ul style="list-style-type: none"> <li data-bbox="504 1377 1035 1445">■ Make sure that paper is loaded correctly. See <i>Loading paper and print media</i> >> page 9. <li data-bbox="504 1458 1145 1526">■ Check the paper type and quality. See <i>Acceptable paper and other print media</i> >> page 18. <li data-bbox="504 1539 1251 1607">■ Turn over the stack of paper in the tray or rotate the paper 180° in the input tray.

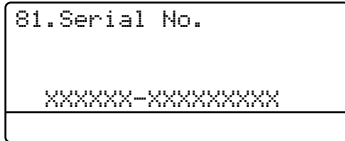
Examples of poor print quality	Recommendation
 <p data-bbox="175 517 382 542">Envelope Creases</p>	<ul style="list-style-type: none"> <li data-bbox="477 291 1215 421">■ Make sure that envelopes are printed with the back cover (face-up output tray) opened. See <i>Printing on thick paper, labels and envelopes from the MP tray</i> >> page 12. <li data-bbox="477 436 1112 504">■ Check the envelope type and quality. See <i>Acceptable paper and other print media</i> >> page 18. <li data-bbox="477 519 1215 587">■ Make sure envelopes are fed only from the MP tray. See <i>Loading paper in the multi-purpose tray (MP tray)</i> >> page 11.
 <p data-bbox="216 861 344 886">Poor fixing</p>	<ul style="list-style-type: none"> <li data-bbox="477 600 1215 790">■ Choose Improve Toner Fixing mode in the printer driver. See Software User's Guide: <i>Printing</i> (for Windows®). See Software User's Guide: <i>Printing and Faxing</i> (for Macintosh). If this selection does not provide enough improvement, change the printer driver setting in Media Type to a thick setting.
 <p data-bbox="241 1170 319 1195">Curled</p>	<ul style="list-style-type: none"> <li data-bbox="477 902 1215 1022">■ Choose Reduce Paper Curl mode in the printer driver. See Software User's Guide: <i>Printing</i> (for Windows®). See Software User's Guide: <i>Printing and Faxing</i> (for Macintosh). <li data-bbox="477 1037 1215 1093">■ Open the back cover (face-up output tray) to let the printed paper exit onto the face-up output tray.

Machine Information

Checking the Serial Number

You can see the machine's Serial Number on the LCD.

- 1 Press **Menu**, **8**, **1**.



- 2 Press **Stop/Exit**.

Reset functions

The following reset functions are available:

1 Network

You can reset the internal print server back to its default factory settings such as the password and IP address information.

2 Address & Fax

Address & Fax resets the following settings:

- Address Book
(One Touch Dial / Speed Dial / Setup Groups)
- Programmed fax jobs in the memory
(Polled TX, Delayed Fax, Batch TX)
- Station ID
(name and numbers)
- Coverpage
(comments)
- Remote Fax Opt
(Remote Access Code, Fax Storage, Fax Forward, Paging and PC Fax Receive)
- Report settings
(Transmission Verification Report / Tel Index List / Fax Journal)
- Setting Lock password

3 All Settings

You can reset all the machine settings back to the settings that were set at the factory.

Brother strongly recommends you perform this operation when you dispose of the machine.



Note

Unplug the interface cable before you choose **Network** or **All Settings**.

How to reset the machine

- 1 Press **Menu, 0, 6**.

```
06.Reset
 1.Network
 2.Address & Fax
 3.All Settings
Select ▲▼ or OK
```

- 2 Press **▲** or **▼** to choose the reset function you want to use.
Press **OK**.

- 3 Do one of the following;
 - To reset the settings, press **1** and go to step **4**.
 - To exit without making changes, press **2** and go to step **5**.

- 4 You will be asked to reset the machine. Do one of the following;
 - To reset the machine press **1**. The machine will begin the reset.
 - To exit without resetting the machine, press **2**. Go to step **5**.

- 5 Press **Stop/Exit**.



Note

You can also reset the Network settings by pressing **Menu, 7, 0**.

On-screen programming

Your machine has been designed to be easy to use. The LCD provides on-screen programming using the menu keys.

We have created step by step on-screen instructions to help you program your machine. Simply follow the steps as they guide you through the menu selections and programming options.

How to access the menu mode

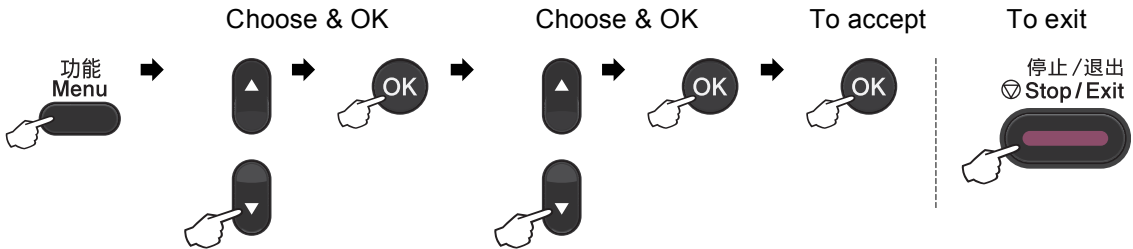
- 1 Press **Menu**.
- 2 Choose an option.
 - Press **1** for General Setup menu.
 - Press **2** for Fax menu.
 - Press **3** for Copy menu.
 - Press **4** for Printer menu.
 - Press **5** for USB Direct I/F menu.
 - Press **6** for Print Reports menu.
 - Press **7** for Network menu.
 - Press **8** for Machine Info. menu.
 - Press **9** for Service menu. ¹
 - Press **0** for Initial Setup menu.
- 3 Press **OK** when the option you want appears on the LCD. The LCD will then show the next menu level.
- 4 Press **▲** or **▼** to scroll to your next menu selection.
- 5 Press **OK**. When you have finished setting an option, the LCD will show *Accepted*.
- 6 Press **Stop/Exit** to exit Menu mode.


¹ This will appear only when the LCD shows an error message.


You can also scroll through each menu level by pressing **▲** or **▼** for the direction you want.


Menu table

The factory settings are shown in Bold with an asterisk.



Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
1.General Setup	1.Mode Timer	—	—	0 Sec 30 Secs 1 Min 2 Mins* 5 Mins Off	Sets the time to return to FAX mode and the time the machine will change from individual user to public user when using Secure Function Lock.	See ◆.
	2.Paper	1.Paper Type	1.MP Tray	Thin Plain* Thick Thicker Recycled Paper Label	Sets the type of paper in the paper tray.	15
			2.Tray#1	Thin Plain* Thick Thicker Recycled Paper	Sets the type of paper in the paper tray.	15
			3.Tray#2 (This menu appears if you have installed the optional lower tray.)	Thin Plain* Thick Thicker Recycled Paper	Sets the type of paper in the paper tray.	15
◆ See <i>Advanced User's Guide</i> .						
□ See <i>Software User's Guide</i> .						
 The factory settings are shown in Bold with an asterisk.						


Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
1. General Setup (Continued)	2. Paper (Continued)	2. Paper Size	1. MP Tray	A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio Any	Sets the size of the paper in the paper tray.	15
			2. Tray#1	A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio	Sets the size of the paper in the paper tray.	15
			3. Tray#2 (This menu appears if you have installed the optional lower tray.)	A4* Letter Legal Executive A5 B5 B6 Folio	Sets the size of the paper in the paper tray.	15
<p>◆ See <i>Advanced User's Guide</i>.</p> <p>□ See <i>Software User's Guide</i>.</p>						
 The factory settings are shown in Bold with an asterisk.						

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page		
1.General Setup (Continued)	3.Volume	1.Ring	—	Low Med* High Off	Adjusts the ring volume.	See ◆ .		
		2.Beeper	—	Low Med* High Off	Adjusts the volume level of the beeper.			
		3.Speaker	—	Low Med* High Off	Adjusts the speaker volume.			
	4.Ecology	1.Toner Save	—	On Off*	Increases the page yield of the toner cartridge.			
		2.Sleep Time	—	Range varies depending on models. 03Min*	Conserves power.			
	5.Quiet Mode	—	—	On Off*	Decreases printing noise.			
	6.Tray Use	1.Copy	—	Tray#1 Only Tray#2 Only MP Only MP>T1>T2* T1>T2>MP (Tray#2 and T2 appear if you have installed the optional lower tray.)	Chooses the tray that will be used for COPY mode.		16	
	◆ See <i>Advanced User's Guide</i> .							
	□ See <i>Software User's Guide</i> .							
 The factory settings are shown in Bold with an asterisk.								

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
1.General Setup (Continued)	6.Tray Use (Continued)	2.Fax	—	Tray#1 Only Tray#2 Only MP Only MP>T1>T2 T1>T2>MP* (Tray#2 and T2 appear if you have installed the optional lower tray.)	Chooses the tray that will be used for FAX mode.	17
		3.Print	—	Tray#1 Only Tray#2 Only MP Only MP>T1>T2* T1>T2>MP (Tray#2 and T2 appear if you have installed the optional lower tray.)	Chooses the tray that will be used for Print mode.	17
	7.LCD Contrast	—	—	-□□□■+ -□□□□+ -□□■□+* -□■□□+ -■□□□+	Adjusts the contrast of the LCD.	See ◆.
	8.Security	1.Function Lock	—	—	Can restrict selected machine operation for up to 25 individual users and all other non-authorized Public users.	
2.Setting Lock		—	—	Stops unauthorized users from changing the machine's current settings.		
9.Document Scan	1.Glass ScanSize	—	A4* Letter Legal/Folio (Legal/Folio is available for MFC-8910DW)	Adjusts the scan area of the scanner glass to the size of the document.	27	

◆ See *Advanced User's Guide*.□ See *Software User's Guide*.

The factory settings are shown in Bold with an asterisk.


Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
1.General Setup (Continued)	9.Document Scan (Continued)	2.File Size	1.Color	Small Medium* Large	You can set your own default settings of the data compression rate.	See <input type="checkbox"/> .
			2.Gray	Small Medium* Large		
		3.Duplex Scan (MFC-8910DW)	—	Long edge* Short edge	Chooses the duplex scanning format.	See <input checked="" type="checkbox"/> .
<p>◆ See <i>Advanced User's Guide</i>.</p> <p><input type="checkbox"/> See <i>Software User's Guide</i>.</p>						
<p> The factory settings are shown in Bold with an asterisk.</p>						

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
2. Fax	1. Setup Receive (In FAX mode only)	1. Ring Delay	—	00 01 02*	Sets the number of rings before the machine answers in Fax Only or Fax/Tel mode.	31
		2. F/T Ring Time	—	20 Secs* 30 Secs 40 Secs 70 Secs	Sets the length of the pseudo/double-ring time in Fax/Tel mode.	31
		3. Easy Receive	—	On* Off	Receives fax messages without pressing Start .	32
		4. Remote Codes	—	On (*51, #51) Off*	Allows you to answer all calls at an extension or external telephone and use codes to turn the machine on or off. You can personalize these codes.	38
		5. Auto Reduction	—	On* Off	Reduces the size of incoming faxes.	See ◆ .
		6. Print Density	—	-□□□■+ -□□□□+ -□□■□+* -□■□□+ -■□□□+	Makes printouts darker or lighter.	
		7. Polling RX	—	—	Sets up your machine to poll another fax machine.	
		8. Fax Rx Stamp	—	On Off*	Prints the received time and date on the top of the received faxes.	
		9. Duplex	—	On Off*	Prints received faxes on both sides of the paper.	

◆ See *Advanced User's Guide*.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
2. Fax (Continued)	2. Setup Send (In FAX mode only)	1. Contrast	—	Auto* Light Dark	Changes the lightness or darkness of faxes you send.	See ◆.
		2. Fax Resolution	—	Standard* Fine S. Fine Photo	Sets the default resolution for outgoing faxes.	
		3. Delayed Fax	—	—	Sets the time of day that the delayed faxes will be sent.	
		4. Batch TX	—	On Off*	Combines delayed faxes going to the same fax number at the same time of day into one transmission.	
		5. Real Time TX	—	Next Fax: On Next Fax: Off On Off*	Sends a fax without using the memory.	
		6. Polled TX	—	On Off*	Sets up your machine with a document to be retrieved by another fax machine.	
		7. Coverpage	1. Setup	Next Fax: On Next Fax: Off On Off* Print Sample	Automatically sends a cover page you have programmed.	
			2. Message	—	Sets up your own comments for the fax cover page.	
		8. Overseas Mode	—	On Off*	If you are having difficulty sending faxes overseas, set this to On.	
9. Destination	—	Display* Hidden	Sets the machine to display the destination information on the LCD during fax sending.			
◆ See <i>Advanced User's Guide</i> .						
 The factory settings are shown in Bold with an asterisk.						

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page		
2. Fax (Continued)	3. Address Book	1. One Touch Dial	—	—	Stores up to 16 One Touch Dial numbers, so you can dial by pressing one key (and Start).	44		
		2. Speed Dial	—	—	Stores up to 300 Speed Dial numbers, so you can dial by pressing only a few keys (and Start).	46		
		3. Setup Groups	—	—	Sets up to 20 Group numbers for Broadcasting.	See ♦.		
	4. Report Setting	1. Transmission	—	On On+Image Off* Off+Image	Sets initial setup for Transmission Verification Report.	27		
		2. Journal Period	—	Every 50 Faxes* Every 6 Hours Every 12 Hours Every 24 Hours Every 2 Days Every 7 Days Off	Sets the interval for automatic printing of the Fax Journal.	See ♦.		
	5. Remote Fax Opt	1. Fwd/Page/Store (Backup Print)	—	Fax Forward Paging Fax Storage PC Fax Receive Off*	Sets the machine to forward fax messages, to call your cell phone or pager, to store incoming faxes in the memory (so you can retrieve them while you are away from your machine), or to send faxes to your PC. If you choose Fax Forward or PC-Fax Receive, you can turn on the safety feature Backup Print.			
				2. Remote Access	—	---*	Sets your own code for Remote Retrieval.	
				3. Print Fax	—	—	Prints incoming faxes stored in the memory.	

♦ See *Advanced User's Guide*.




The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
2. Fax (Continued)	6. Dial Restrict.	1. Dial Pad	—	Enter # twice On Off*	You can set the machine to restrict dialling when using the dial pad.	See ◆.
		2. One Touch Dial	—	Enter # twice On Off*	You can set the machine to restrict the dialling of One Touch numbers.	
		3. Speed Dial	—	Enter # twice On Off*	You can set the machine to restrict the dialling of Speed Dial numbers.	
		4. LDAP Server (MFC-8910DW, or if you download LDAP function on MFC-8510DN)	—	Enter # twice On Off*	You can set the machine to restrict the dialling of LDAP server numbers.	
	7. Remaining Jobs	—	—	—	You can check which jobs are in the memory and lets you cancel scheduled jobs.	
	0. Miscellaneous	1. Compatibility	—	High* Normal Basic(for VoIP)	Adjusts the equalization for transmission difficulties. VoIP service providers offer fax support using various standards. If you regularly experience fax transmission errors, choose Basic(for VoIP) .	109
	2. Distinctive	—	On Off*	Use with telephone company distinctive ringing service allows you to have a voice number and fax number on the one telephone line.	35	

◆ See *Advanced User's Guide*.



The factory settings are shown in Bold with an asterisk.


Level 1	Level 2	Level 3	Options	Descriptions	Page
3.Copy	1.Quality	—	Auto* Text Photo Graph	You can choose the Copy resolution for your type of document.	See ◆ .
	2.Brightness	—	-□□□□■+ -□□□□■+ -□□■□□+* -□■□□□+ -■□□□□+	Adjust the brightness for copies.	
	3.Contrast	—	-□□□□■+ -□□□□■+ -□□■□□+* -□■□□□+ -■□□□□+	Adjusts the contrast for copies.	
◆ See <i>Advanced User's Guide</i> .					
 The factory settings are shown in Bold with an asterisk.					


Level 1	Level 2	Level 3	Options	Descriptions	Page
4. Printer	1. Emulation	—	Auto (EPSON)* Auto (IBM) HP LaserJet BR-Script 3 Epson FX-850 IBM Proprinter	Chooses the emulation mode.	See <input type="checkbox"/> .
	2. Print Options	1. Internal Font	1. HP LaserJet 2. BR-Script 3	Prints a list of the machine's internal fonts.	
		2. Configuration	—	Prints a list of the machine's printer settings.	
		3. Test Print	—	Prints a test page.	
	3. Duplex	—	On (Long Edge) On (Short Edge) off*	Enables or disables duplex printing. You can also choose long edge or short edge duplex printing.	
	4. Auto Continue	—	On* Off	If this setting is enabled the machine will automatically clear a paper size error, and will use any compatible paper from the other paper trays.	
5. Reset Printer	—	1. Reset 2. Exit	Restores the printer settings to the original factory default settings.		


See *Software User's Guide*.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Options	Descriptions	Page
5.USB Direct I/F	1.Direct Print	1.Paper Size	A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio	Sets the paper size when printing directly from the USB flash memory drive.	51
		2.Media Type	Thin Plain* Thick Thicker Recycled Paper Label	Sets the media type when printing directly from the USB flash memory drive.	51
		3.Multiple Page	1in1* 2in1 4in1 9in1 16in1 25in1 1 in 2x2 pages 1 in 3x3 pages 1 in 4x4 pages 1 in 5x5 pages	Sets the page style when printing multiple pages directly from the USB Flash memory drive.	52
		4.Orientation	Portrait* Landscape	Sets the page orientation when printing directly from the USB Flash memory drive.	52
		5.Collate	On* Off	Enables or disables the page collation when printing directly from the USB Flash memory drive.	52
<input type="checkbox"/> See <i>Software User's Guide</i> .					
 The factory settings are shown in Bold with an asterisk.					

Level 1	Level 2	Level 3	Options	Descriptions	Page
5.USB Direct I/F (Continued)	1.Direct Print (Continued)	6.Print Quality	Normal* Fine	Sets the print quality option when printing directly from the USB Flash memory drive.	52
		7.PDF Option	Document* Document&Markup Document&Stamps	Sets the PDF option whether to print comments (Markup) or stamps in the PDF file along with the text.	52
		8.Index Print	Simple* Details	Sets the index print option, simple format or details.	52
	2.Scan to USB	1.Resolution	Color 100 dpi* Color 200 dpi Color 300 dpi Color 600 dpi Color Auto Gray 100 dpi Gray 200 dpi Gray 300 dpi Gray Auto B&W 300 dpi B&W 200 dpi B&W 200x100 dpi	Sets the resolution to send the scanned data to USB Flash memory drive.	See <input type="checkbox"/> .
		2.File Name	—	Enter the file name of the scanned data.	
<input type="checkbox"/> See <i>Software User's Guide</i> .					
 The factory settings are shown in Bold with an asterisk.					

Level 1	Level 2	Level 3	Options	Descriptions	Page
6. Print Reports	1. Transmission	1. View on LCD	—	You can view the Transmission Verification Report for your last 200 outgoing faxes and print the last report.	See ◆.
		2. Print Report	—		
	2. Tel Index List	1. Numeric	—	Lists names and numbers stored in the One Touch and Speed Dial memory, in numerical or alphabetical order.	
		2. Alphabetic	—		
	3. Fax Journal	—	—	Lists information about your last 200 incoming and outgoing faxes. (TX means Transmit. RX means Receive.)	
	4. User Settings	—	—	Lists your settings.	
	5. Network Config	—	—	Lists your Network settings.	
	6. Drum Dot Print	—	—	Prints the drum dot check sheet.	
7. WLAN Report (MFC-8910DW)	—	—	Prints the result of wireless LAN connectivity diagnosis.	See ‡.	
◆ See <i>Advanced User's Guide</i> .					
‡ See <i>Quick Setup Guide</i> .					
 The factory settings are shown in Bold with an asterisk.					

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page
7. Network (MFC-8510DN)	1. TCP/IP	1. Boot Method	—	—	Auto* Static RARP BOOTP DHCP	Chooses the BOOT method that best suits your needs.	See + .
		(IP Boot Tries)	—	—	00003* [00000-32767]	Specifies the number of attempts the machine will try to obtain an IP address when the Boot Method is set to any setting except Static.	
		2. IP Address	—	—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the IP address.	
		3. Subnet Mask	—	—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.	
		4. Gateway	—	—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Gateway address.	
		5. Node Name	—	—	BRNXXXXXXXXXXXX	Enter the Node name. (Up to 32 characters)	
		6. WINS Config	—	—	Auto* Static	Chooses the WINS configuration mode.	

+ See Network User's Guide.



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- LDAP, Internet Fax and Scan to E-mail Server functions are available as a download.
- To use these functions, please download the necessary software from our web site, the Brother Solutions Center at <http://solutions.brother.com/>.
- Level 2 menus inside parentheses appear if you download IFAX/E-mail options to your machine.

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page
7. Network (MFC-8510DN) (Continued)	1. TCP/IP (Continued)	7. WINS Server	—	—	Primary [000-255]. [000-255]. [000-255]. [000-255] Secondary [000-255]. [000-255]. [000-255]. [000-255]	Specifies the IP address of the primary or secondary WINS server.	See +.
		8. DNS Server	—	—	Primary [000-255]. [000-255]. [000-255]. [000-255] Secondary [000-255]. [000-255]. [000-255]. [000-255]	Specifies the IP address of the primary or secondary DNS server.	
		9. APIPA	—	—	On* Off	Automatically allocates the IP address from the link-local address range.	
		0. IPv6	—	—	On Off*	Enable or Disable the IPv6 protocol. If you want to use the IPv6 protocol, visit http://solutions.brother.com/ for more information.	
	2. Ethernet	—	—	—	Auto* 100B-FD 100B-HD 10B-FD 10B-HD	Chooses the Ethernet link mode.	

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Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page		
7. Network (MFC-8510DN) (Continued)	3. Status	—	—	—	Active 100B-FD Active 100B-HD Active 10B-FD Active 10B-HD Inactive	You can see the current wired status.	See +.		
	4. MAC Address	—	—	—	—	Shows the MAC address of the machine.			
	(5. E-mail/ IFAX)	1. Mail Address	—	—	—	—		Enter the E-mail address. (Up to 60 characters)	
		2. Setup Server	1. SMTP	1. SMTP Server	Name (Up to 64 characters)	Enter the SMTP server address.			
					IP Address [000-255]. [000-255]. [000-255]. [000-255]				
					2. SMTP Port			25* [00001-65535]	Enter the SMTP port number.
					3. Auth. for SMTP			None* SMTP-AUTH POP bef. SMTP	Selects the Security method for E-mail notification.
4. SMTP SSL/TLS	None* SSL TLS				You can send or receive an E-mail via an E-mail server that requires secure SSL/TLS communication.				
5. Verify Cert.	On Off*	Verify the SMTP Server Certificate automatically.							

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Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page
7. Network (MFC-8510DN) (Continued)	(5. E-mail/ IFAX) (Continued)	2. Setup Server (Continued)	2. POP3	1. POP3 Server	Name (Up to 64 characters) IP Address [000-255]. [000-255]. [000-255]. [000-255]	Enter the POP3 server address.	See +.
				2. POP3 Port	110* [00001-65535]	Enter the POP3 port number.	
				3. Mailbox Name	—	Enter the mail box name. (Up to 60 characters)	
				4. Mailbox Pwd	—	Enter the password to login to the POP3 server.	
				5. POP3 SSL/TLS	None* SSL TLS	You can send or receive an E-mail via an E-mail server that requires secure SSL/TLS communication.	
				6. Verify Cert.	On Off*	Verify the POP3 Server Certificate automatically.	
				7. APOP	On Off*	Enables or disables APOP.	
		3. Setup Mail RX	1. Auto Polling	—	On* Off	Automatically checks the POP3 server for new messages.	
			2. Poll Frequency	—	10* [01-60] Min	Sets the interval for checking for new messages on the POP3 server.	
			3. Header	—	All Subject+From+To None*	Selects the contents of the mail header to be printed.	

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Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page
7. Network (MFC-8510DN) (Continued)	(5. E-mail/ IFAX) (Continued)	3.Setup Mail RX (Continued)	4.Del Error Mail	—	On* Off	Deletes error mails automatically.	See +.
			5.Notification	—	On MDN Off*	Receives notification messages.	
		4.Setup Mail TX	1.Sender Subject	—	—	Displays the subject that is attached to the Internet Fax data.	
			2.Size Limit	—	On Off*	Limits the size of E-mail documents.	
			3.Notification	—	On Off*	Sends notification messages.	
		5.Setup Relay	1.Rly Broadcast	—	On Off*	Relays a document to another fax machine.	
			2.Relay Domain	—	—	Registers the Domain name.	
			3.Relay Report	—	On Off*	Prints the Relay Broadcast Report.	
		(6. Scan To E-mail)	—	—	—	Color 100 dpi* Color 200 dpi Color 300 dpi Color 600 dpi Color Auto Gray 100 dpi Gray 200 dpi Gray 300 dpi Gray Auto B&W 300 dpi B&W 200 dpi B&W 200x100 dpi	

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Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page
7. Network (MFC-8510DN) (Continued)	5. Scan To FTP (7. Scan To FTP)	—	—	—	Color 100 dpi* Color 200 dpi Color 300 dpi Color 600 dpi Color Auto Gray 100 dpi Gray 200 dpi Gray 300 dpi Gray Auto B&W 300 dpi B&W 200 dpi B&W 200x100 dpi	Chooses the type and resolution for scanning to send the scanned data via FTP.	See +.
	6. ScanTo Network (Windows®) (8. ScanTo Network) (Windows®)	—	—	—	Color 100 dpi* Color 200 dpi Color 300 dpi Color 600 dpi Color Auto Gray 100 dpi Gray 200 dpi Gray 300 dpi Gray Auto B&W 300 dpi B&W 200 dpi B&W 200x100 dpi	Chooses the type and resolution for scanning to save the scanned data directly to a CIFS server on your local network or on the Internet.	
	(9. Fax to Server)	—	—	—	On (Prefix/Suffix) Off*	You can store a prefix/suffix address in the machine and can send a document from a fax server system.	
	0. Network Reset	—	—	—	1. Reset 2. Exit	Restores all network settings to the factory defaults.	

+ See Network User's Guide.



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Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page
7. Network (MFC-8910DW)	1. Wired LAN	1. TCP/IP	1. Boot Method	—	Auto* Static RARP BOOTP DHCP	Chooses the BOOT method that best suits your needs.	See + .
			(IP Boot Tries)	—	00003* [00000-32767]	Specifies the number of attempts the machine will try to obtain an IP address when the Boot Method is set to any setting except Static.	
			2. IP Address	—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the IP address.	
			3. Subnet Mask	—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.	
			4. Gateway	—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Gateway address.	
			5. Node Name	—	BRNXXXXXXXXXXXX	Enter the Node name. (Up to 32 characters)	
			6. WINS Config	—	Auto* Static	Chooses the WINS configuration mode.	
7. WINS Server	—	Primary [000-255]. [000-255]. [000-255]. [000-255] Secondary [000-255]. [000-255]. [000-255]. [000-255]	Specifies the IP address of the primary or secondary WINS server.				

+ See Network User's Guide.

♣ Please go to the Brother Solutions Center to download the manual at <http://solutions.brother.com/>.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page
7. Network (MFC-8910DW) (Continued)	1. Wired LAN (Continued)	1. TCP/IP (Continued)	8. DNS Server	—	Primary [000-255]. [000-255]. [000-255]. [000-255] Secondary [000-255]. [000-255]. [000-255]. [000-255]	Specifies the IP address of the primary or secondary DNS server.	See +.
			9. APIPA	—	On* Off	Automatically allocates the IP address from the link-local address range.	
			0. IPv6	—	On Off*	Enable or Disable the IPv6 protocol. If you want to use the IPv6 protocol, visit http://solutions.brother.com/ for more information.	
		2. Ethernet	—	—	Auto* 100B-FD 100B-HD 10B-FD 10B-HD	Chooses the Ethernet link mode.	
		3. Wired Status	—	—	Active 100B-FD Active 100B-HD Active 10B-FD Active 10B-HD Inactive Wired OFF	You can see the current wired status.	
		4. MAC Address	—	—	—	Shows the MAC address of the machine.	
		5. Set to Default	—	—	1. Reset 2. Exit	Restore the wired network setting to factory default.	
		6. Wired Enable	—	—	On* Off	Enable or Disable the Wired LAN manually.	

+ See Network User's Guide.

♣ Please go to the Brother Solutions Center to download the manual at <http://solutions.brother.com/>.



The factory settings are shown in Bold with an asterisk.


Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page
7. Network (MFC-8910DW) (Continued)	2. WLAN	1. TCP/IP	1. Boot Method	—	Auto* Static RARP BOOTP DHCP	Chooses the BOOT method that best suits your needs.	See +.
			(IP Boot Tries)	—	00003* [00000-32767]	Specifies the number of attempts the machine will try to obtain an IP address when the Boot Method is set to any setting except Static.	
			2. IP Address	—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the IP address.	
			3. Subnet Mask	—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.	
			4. Gateway	—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Gateway address.	
			5. Node Name	—	BRWXXXXXXXXXXXX	Enter the Node name. (Up to 32 characters)	
6. WINS Config	—	Auto* Static	Chooses the WINS configuration mode.				

+ See Network User's Guide.

♣ Please go to the Brother Solutions Center to download the manual at <http://solutions.brother.com/>.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page
7. Network (MFC-8910DW) (Continued)	2. WLAN (Continued)	1. TCP/IP (Continued)	7. WINS Server	—	Primary [000-255]. [000-255]. [000-255]. [000-255] Secondary [000-255]. [000-255]. [000-255]. [000-255]	Specifies the IP address of the primary or secondary WINS server.	See +.
			8. DNS Server	—	Primary [000-255]. [000-255]. [000-255]. [000-255] Secondary [000-255]. [000-255]. [000-255]. [000-255]	Specifies the IP address of the primary or secondary DNS server.	
			9. APIPA	—	On* Off	Automatically allocates the IP address from the link-local address range.	
			0. IPv6	—	On Off*	Enable or Disable the IPv6 protocol. If you want to use the IPv6 protocol, visit http://solutions.brother.com/ for more information.	
		2. Setup Wizard	—	—	—	You can configure your internal print server.	
		3. WPS/AOSS	—	—	—	You can easily configure your wireless network settings using the one-button push method.	
		4. WPS w/PIN Code	—	—	—	You can easily configure your wireless network settings using WPS with a PIN code.	
+ See Network User's Guide.							
♣ Please go to the Brother Solutions Center to download the manual at http://solutions.brother.com/ .							
 The factory settings are shown in Bold with an asterisk.							

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page	
7. Network (MFC-8910DW) (Continued)	2. WLAN (Continued)	5. WLAN Status	1. Status	—	Active (11n) Active (11b) Active (11g) Wired LAN Active WLAN OFF AOSS Active Connection Fail	You can see the current wireless network status.	See †.	
			2. Signal	—	Strong Medium Weak None	You can see the current wireless network signal strength.		
			3. SSID	—	—	You can see the current SSID.		
			4. Comm. Mode	—	Ad-hoc Infrastructure	You can see the current Communication Mode.		
		6. MAC Address	—	—	—	Shows the MAC address of the machine.		
		7. Set to Default	—	—	1. Reset 2. Exit	Restore the wireless network settings to factory default.		
		8. WLAN Enable	—	—	On Off*	Enable or disable the wireless LAN manually.		
	3. Wi-Fi Direct	1. Push Button	—	—	—	—	You can easily configure your Wi-Fi Direct™ network settings using the one-button push method.	See ♣.
		2. PIN Code	—	—	—	—	You can easily configure your Wi-Fi Direct™ network settings using WPS with a PIN code.	
		3. Manual	—	—	—	—	You can manually configure your Wi-Fi Direct™ network settings.	

† See Network User's Guide.

♣ Please go to the Brother Solutions Center to download the manual at <http://solutions.brother.com/>.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page	
7. Network (MFC-8910DW) (Continued)	3. Wi-Fi Direct (Continued)	4. Group Owner	—	—	On Off*	Sets your machine as the Group Owner.	See ♣.	
		5. Device Info.	1. Device Name	—	—	—		You can see the device name of your machine.
			2. SSID	—	—	—		Shows SSID of Group Owner. When the machine is not connected, LCD shows Not Connected.
			3. IP Address	—	—	—		You can see the current IP Address of your machine.
		6. Status Info.	1. Status	—	—	G/O Active(**) Client Active Not Connected Off Wired LAN Active ** = the number of devices		You can see the current Wi-Fi Direct™ network status.
			2. Signal	—	—	Strong Medium Weak None		You can see the current Wi-Fi Direct™ network signal strength. When your machine acts as Group Owner, the LCD always shows Strong.
		7. I/F Enable	—	—	—	On Off*		Enable or Disable the Wi-Fi Direct™ connection.
<p>✚ See Network User's Guide.</p> <p>♣ Please go to the Brother Solutions Center to download the manual at http://solutions.brother.com/.</p>								
<p> The factory settings are shown in Bold with an asterisk.</p>								


Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page		
7. Network (MFC-8910DW) (Continued)	4. E-mail/IFAX	1. Mail Address	—	—	—	—	Enter the E-mail address. (Up to 60 characters)	See +.	
		2. Setup Server	1. SMTP	1. SMTP Server	Name (Up to 64 characters)	Name (Up to 64 characters) IP Address [000-255]. [000-255]. [000-255]. [000-255]	Enter the SMTP server address.		
					2. SMTP Port		25*		Enter the SMTP port number.
					3. Auth. for SMTP		None*		Selects the Security method for E-mail notification.
					4. SMTP SSL/TLS		None*		You can send or receive an E-mail via an E-mail server that requires secure SSL/TLS communication.
					5. Verify Cert.		On Off*		Verify the SMTP Server Certificate automatically.
			2. POP3	1. POP3 Server	Name (Up to 64 characters)	Name (Up to 64 characters) IP Address [000-255]. [000-255]. [000-255]. [000-255]	Enter the POP3 server address.		
					2. POP3 Port		110*		Enter the POP3 port number.
					3. Mailbox Name		—		Enter the mail box name. (Up to 60 characters)
					4. Mailbox Pwd		—		Enter the password to login to the POP3 server.

+ See Network User's Guide.

♣ Please go to the Brother Solutions Center to download the manual at <http://solutions.brother.com/>.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page			
7 . Network (MFC-8910DW) (Continued)	4 . E-mail/IFAX (Continued)	2 . Setup Server (Continued)	2 . POP3 (Continued)	5 . POP3 SSL/TLS	None* SSL TLS	You can send or receive an E-mail via an E-mail server that requires secure SSL/TLS communication.	See +.			
				6 . Verify Cert.	On Off*	Verify the POP3 Server Certificate automatically.				
				7 . APOP	On Off*	Enables or disables APOP.				
				3 . Setup Mail RX	1 . Auto Polling	—		On* Off	Automatically checks the POP3 server for new messages.	
					2 . Poll Frequency	—		10* [01-60] Min	Sets the interval for checking for new messages on the POP3 server.	
					3 . Header	—		All Subject+From+To None*	Selects the contents of the mail header to be printed.	
		4 . Del Error Mail	—		On* Off	Deletes error mails automatically.				
		5 . Notification	—		On MDN Off*	Receives notification messages.				
		4 . Setup Mail TX	1 . Sender Subject	—	—	Displays the subject that is attached to the Internet Fax data.				
			2 . Size Limit	—	On Off*	Limits the size of E-mail documents.				
			3 . Notification	—	On Off*	Sends notification messages.				
		5 . Setup Relay	1 . Rly Broadcast	—	On Off*	Relays a document to another fax machine.				
			2 . Relay Domain	—	—	Registers the Domain name.				
		+ See Network User's Guide.								
		♣ Please go to the Brother Solutions Center to download the manual at http://solutions.brother.com/ .								
 The factory settings are shown in Bold with an asterisk.										


Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page
7. Network (MFC-8910DW) (Continued)	4.E-mail/IFAX (Continued)	5.Setup Relay (Continued)	3.Relay Report	—	On Off*	Prints the Relay Broadcast Report.	See +.
	5.Scan To E-mail	—	—	—	Color 100 dpi* Color 200 dpi Color 300 dpi Color 600 dpi Color Auto Gray 100 dpi Gray 200 dpi Gray 300 dpi Gray Auto B&W 300 dpi B&W 200 dpi B&W 200x100 dpi	Chooses the type and resolution for scanning to send the scanned data via E-mail.	
	6.Scan To FTP	—	—	—	Color 100 dpi* Color 200 dpi Color 300 dpi Color 600 dpi Color Auto Gray 100 dpi Gray 200 dpi Gray 300 dpi Gray Auto B&W 300 dpi B&W 200 dpi B&W 200x100 dpi	Chooses the type and resolution for scanning to send the scanned data via FTP.	


+ See Network User's Guide.


♣ Please go to the Brother Solutions Center to download the manual at <http://solutions.brother.com/>.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	Page
7. Network (MFC-8910DW) (Continued)	7. ScanTo Network (Windows®)	—	—	—	Color 100 dpi* Color 200 dpi Color 300 dpi Color 600 dpi Color Auto Gray 100 dpi Gray 200 dpi Gray 300 dpi Gray Auto B&W 300 dpi B&W 200 dpi B&W 200x100 dpi	Chooses the type and resolution for scanning to save the scanned data directly to a CIFS server on your local network or on the Internet.	See +.
	8. Fax to Server	—	—	—	On (Prefix/Suffix) Off*	You can store a prefix/suffix address in the machine and can send a document from a fax server system.	
	0. Network Reset	—	—	—	1. Reset 2. Exit	Restores all network settings to the factory defaults.	
+ See Network User's Guide.							
♣ Please go to the Brother Solutions Center to download the manual at http://solutions.brother.com/ .							
 The factory settings are shown in Bold with an asterisk.							

Level 1	Level 2	Level 3	Options	Descriptions	Page	
8.Machine Info.	1.Serial No.	—	—	You can check the serial number of your machine.	117	
	2.Page Counter	—	Total Fax/List Copy Print	You can check the number of total pages the machine has printed during its life.	See ◆.	
	3.Parts Life	1.Drum	—	—		You can check the percentage of a machine part's life that remains available. (PF Kit 2 appears only if you installed the optional paper tray.)
		2.Fuser	—			
		3.Laser	—			
		4.PF Kit MP	—			
		5.PF Kit 1	—			
6.PF Kit 2	—	—				
◆ See <i>Advanced User's Guide</i> .						
 The factory settings are shown in Bold with an asterisk.						

Level 1	Level 2	Level 3	Options	Descriptions	Page	
0.Initial Setup	1.Receive Mode	—	Fax Only* Fax/Tel External TAD Manual	Chooses the receive mode that best suits your needs.	29	
	2.Date&Time	1.Date&Time	—		Puts the date and time on the LCD and in headings of faxes you send.	See ‡.
		2.Auto Daylight	On Off*		Changes for Daylight Saving Time automatically.	See ◆.
		3.Time Zone	UTCXXX:XX		Sets the time zone for your country.	See †.
	3.Station ID	—	Fax: Tel: Name:	Sets your name and fax number to appear on each page you fax.	See ‡.	
	4.Dial Tone	—	Detection No Detection*	You can shorten the dial tone detect pause.	109	
	5.Dial Prefix	—	—	Sets a prefix number that will always be added before the fax number every time you dial.	See ◆.	
	6.Reset	1.Network	1.Reset 2.Exit		Restores all network settings to the factory defaults.	117
		2.Address & Fax	1.Reset 2.Exit		Restores all stored phone numbers and fax settings.	
		3.All Settings	1.Reset 2.Exit		Restores all the machine settings to factory default.	
◆ See <i>Advanced User's Guide</i> .						
‡ See <i>Quick Setup Guide</i> .						
† See <i>Network User's Guide</i> .						
 The factory settings are shown in Bold with an asterisk.						

Entering text

When setting certain menu selections, such as the Station ID, you will need to type text characters. The dial pad keys have letters printed on them. The keys: **0**, **#** and ***** do *not* have printed letters because they are used for special characters.

Press the appropriate dial pad key the number of times shown in this reference table to access the character you want.

Press Key	one time	two times	three times	four times	five times	six times	seven times	eight times	nine times
1	@	.	/	1	@	.	/	1	@
2	a	b	c	A	B	C	2	a	b
3	d	e	f	D	E	F	3	d	e
4	g	h	i	G	H	I	4	g	h
5	j	k	l	J	K	L	5	j	k
6	m	n	o	M	N	O	6	m	n
7	p	q	r	s	P	Q	R	S	7
8	t	u	v	T	U	V	8	t	u
9	w	x	y	z	W	X	Y	Z	9

For menu selections that do not allow lower case letter selection, please use this reference table.

Press Key	one time	two times	three times	four times	five times
2	A	B	C	2	A
3	D	E	F	3	D
4	G	H	I	4	G
5	J	K	L	5	J
6	M	N	O	6	M
7	P	Q	R	7	P
8	T	U	V	8	T
9	W	X	Y	9	W

Inserting spaces

To enter a space in a fax number, press **▶** once between numbers. To enter a space in a name, press **▶** twice between characters.

Making corrections

If you entered a character incorrectly and want to change it, press **◀** or **▶** to move the cursor to the incorrect character, and then press **Clear**.

Repeating letters

To enter a letter on the same key as the previous letter, press **▶** to move the cursor right before pressing the key again.

Special characters and symbols

Press *, # or 0, then press ◀ or ▶ to move the cursor to the symbol or letter you want. Press **OK** to choose it. The symbols and characters below will appear depending on your menu selection.

Press *	for	(space) ! " # \$ % & ' () * + , - . / €
Press #	for	: ; < = > ? @ [] ^ _ \ ~ ' { }
Press 0	for	Á À Ã Ä Ç È É Ê Ë Ì Í Î Ï Ó Ô Õ Ö Ø Ù Ú Û Ü

D

Specifications

General

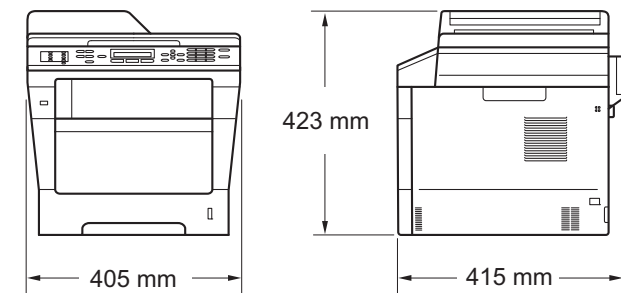


Note

This chapter provides a summary of the machines' specifications. For additional specifications visit us at <http://www.brother.com/> for details.

Model		MFC-8510DN	MFC-8910DW
Printer Type		Laser	
Print Method		Electrophotographic Laser Printer	
Memory Capacity	Standard	64 MB	128 MB
	Optional	1 slot: DDR2 SO-DIMM (144-pin) up to 256 MB	
LCD (liquid crystal display)		22 characters × 5 lines	
Power Source		110 - 120 V AC 50/60 Hz	
Power Consumption ¹ (Average)	Peak	Approx. 1200 W at 25 °C	
	Copying	Approx. 669 W at 25 °C	Approx. 702 W at 25 °C
	Copying (Quiet Mode)	Approx. 336 W at 25 °C	Approx. 350 W at 25 °C
	Ready	Approx. 8.1 W at 25 °C	
	Sleep (WLAN:On)	-	Approx. 6.3 W
	Deep Sleep	Approx. 1.2 W	Approx. 1.4 W
Dimensions		MFC-8910DW 	

¹ USB connections to PC

Model		MFC-8510DN	MFC-8910DW	
Dimensions (Continued)		<p>MFC-8510DN</p> 		
Weights (with consumables)		15.8 kg	16.7 kg	
Noise Level	Sound Pressure	Printing	LPAM = 59 dB (A)	
		Ready	LPAM = 37 dB (A)	
		Printing (Quiet Mode)	LPAM = 54 dB (A)	
	Sound Power	Printing	LWad = 6.64 B (A)	LWad = 6.58 B (A)
		Ready	LWad = 4.62 B (A)	LWad = 4.60 B (A)
		Printing (Quiet Mode)	LWad = 6.4 B (A)	
Temperature		Operating	10 to 32.5 °C	
		Storage	0 to 40 °C	
Humidity		Operating	20 to 80% (without condensation)	
		Storage	10 to 90% (without condensation)	
ADF (automatic document feeder)		<p>Up to 50 pages (MFC-8910DW)</p> <p>Up to 35 pages (MFC-8510DN)</p> <p>For best results we recommend:</p> <p>Temperature: 20 to 30 °C</p> <p>Humidity: 50% to 70%</p> <p>Paper: 80 g/m²</p>		

Document Size

Model		MFC-8510DN	MFC-8910DW
Document Size (Single-sided)	ADF Width	147.3 to 215.9 mm	
	ADF Length	147.3 to 355.6 mm	
	Scanner Glass Width	Max. 215.9 mm	
	Scanner Glass Length	Max. 300.0 mm	Max. 355.6 mm
Document Size (2-sided (Duplex))	ADF Width	-	147.3 to 215.9 mm
	ADF Length	-	147.3 to 355.6 mm

Print media

Model		MFC-8510DN	MFC-8910DW	
Paper Input	Paper Tray (Standard)	Paper Type	Plain Paper, Thin Paper, Recycled Paper	
		Paper Size	A4, Letter, B5 (ISO/JIS), A5, A5 (Long Edge), B6 (ISO), A6, Executive, Legal, Folio	
		Paper Weight	60 to 105 g/m ²	
		Maximum Paper Capacity	Up to 250 sheets of 80 g/m ² Plain paper	
	Multi-purpose tray (MP tray)	Paper Type	Plain Paper, Thin Paper, Thick Paper, Thicker Paper, Recycled Paper, Bond Paper, Label, Envelope, Env.Thin, Env.Thick	
		Paper Size	Width: 76.2 to 215.9 mm Length: 127.0 to 355.6 mm	
		Paper Weight	60 to 163 g/m ²	
		Maximum Paper Capacity	Up to 50 sheets of 80 g/m ² Plain paper	
	Paper Tray 2 (Optional)	Paper Type	-	Plain Paper, Thin Paper, Recycled Paper
		Paper Size	-	A4, Letter, B5 (ISO/JIS), A5, B6 (ISO), Executive, Legal, Folio
		Paper Weight	-	60 to 105 g/m ²
		Maximum Paper Capacity	-	Up to 500 sheets of 80 g/m ² Plain paper
Paper Output ¹	Face-Down Output Tray	Up to 150 sheets of 80 g/m ² Plain Paper (face-down delivery to the face-down output paper tray)		
	Face-Up Output Tray	One sheet (face-up delivery to the face-up output tray)		
Duplex	Automatic Duplex Printing	Paper Type	Plain Paper, Thin Paper, Recycled Paper	
		Paper Size	A4	
		Paper Weight	60 to 105 g/m ²	

¹ For labels, we recommend removing printed pages from the output paper tray immediately after they exit the machine to avoid the possibility of smudging.

Fax

Model		MFC-8510DN	MFC-8910DW
Compatibility		ITU-T Super Group 3	
Coding System		MH/MR/MMR/JBIG/JPEG	
Modem Speed		33,600 bps (with Automatic Fallback)	
2-sided (Duplex) Print Receiving		Yes	
Automatic 2-sided (Duplex) Sending		-	Yes (from ADF)
Scanning Width		Max. 208 mm	
Printing Width		Max. 208 mm	
Grey Scale		8 bit/256 levels	
Resolution	Horizontal	8 dot/mm	
	Vertical	Standard: 3.85 line/mm	
		Fine: 7.7 line/mm	
		Photo: 7.7 line/mm	
		Superfine: 15.4 line/mm	
One Touch Dial		16 (8 × 2)	
Speed Dial		300 stations	
Groups		Up to 20	
Broadcasting		366 stations	
Automatic Redial		Yes, 1 time after 5 minutes	
Memory Transmission		Up to 500 ¹ pages	
Out of Paper Reception		Up to 500 ¹ pages	

¹ 'Pages' refers to the 'ITU-T Test Chart #1' (a typical business letter, Standard resolution, JBIG code). Specifications and printed materials are subject to change without prior notice.

Copy

Model	MFC-8510DN	MFC-8910DW
Copy Width	Max. 210 mm	
Automatic 2-sided (Duplex) Copy	-	Yes (from ADF)
Multiple Copies	Stacks or Sorts up to 99 pages	
Reduce/Enlarge	25% to 400% (in increments of 1%)	
Resolution	Up to 1200 × 600 dpi	
First Copy Out Time	Less than 10.5 seconds at 23 °C / 115 V ¹	

¹ From Ready mode and standard tray.

Scanner

Model	MFC-8510DN	MFC-8910DW
Colour / Mono	Yes / Yes	
TWAIN Compliant	Yes (Windows® XP / Windows Vista® / Windows® 7 / Mac OS X 10.5.8, 10.6.x, 10.7.x ¹)	
WIA Compliant	Yes (Windows® XP / Windows Vista® / Windows® 7)	
ICA Compliant	Yes (Mac OS X 10.6.x, 10.7.x)	
Colour Depth	48 bit internal / 24 bit external colour	
Resolution	Up to 19200 × 19200 dpi (interpolated) ² Up to 1200 × 1200 dpi (optical) ² (from Scanner Glass) Up to 1200 × 600 dpi (optical) ² (from ADF)	
Scanning Width	Max. 210 mm	
Automatic 2-sided (Duplex) Scanning	-	Yes (from ADF)
Grey Scale	256 levels	

¹ For the latest driver updates for the version of Mac OS X you are using, visit us at <http://solutions.brother.com/>.

² Maximum 1200 × 1200 dpi scanning with the WIA driver in Windows® XP, Windows Vista® and Windows® 7 (resolution up to 19200 × 19200 dpi can be chosen by using the scanner utility)

Printer

Model	MFC-8510DN	MFC-8910DW
Automatic 2-sided (Duplex) Print	Yes	
Emulations	PCL6, BR-Script3 (PostScript® 3™), IBM Proprinter XL, Epson FX-850	
Resolution	1200 dpi × 1200 dpi, HQ1200 quality, 600 dpi × 600 dpi	
Print Speed (Duplex)	Up to 18 sides/minute (Up to 9 sheets/minute) (A4 size) ¹	
Print Speed	Up to 36 pages/minute (A4 size) ¹	Up to 40 pages/minute (A4 size) ¹
First Print Time	Less than 8.5 seconds at 23 °C / 115 V ²	

¹ The print speed may vary depending on the type of document you print.

² From Ready mode and standard tray.

Interfaces

Model	MFC-8510DN	MFC-8910DW
USB	Hi-Speed USB 2.0 ^{1 2} It is recommended you use a USB 2.0 cable (Type A/B) that is no more than 6 feet (2.0 meters) long.	
Ethernet ³	10BASE-T / 100BASE-TX Use a straight-through Category 5 (or greater) twisted-pair cable.	
Wireless LAN ³	-	IEEE 802.11b/g/n (Infrastructure mode) IEEE 802.11b (Ad-hoc mode)

¹ Your machine has a Hi-Speed USB 2.0 interface. The machine can also be connected to a computer that has a USB 1.1 interface.

² Third-party USB ports are not supported.

³ For detailed network specifications, see *Network (LAN)* >> page 167 and >> Network User's Guide.

Direct Print feature

Model	MFC-8510DN	MFC-8910DW
Compatibility	PDF version 1.7 ¹ , JPEG, Exif + JPEG, PRN (created by Brother printer driver), TIFF (scanned by all Brother MFC or DCP models), XPS version 1.0	
Interface	USB direct interface	

¹ PDF data including a JBIG2 image file, a JPEG2000 image file or a transparency file is not supported.

Computer requirements

Minimum System Requirements and Supported PC Software Functions								
Computer Platform & Operating System Version		Processor Minimum Speed	Minimum RAM	Recommended RAM	Hard Disk Space to install		Supported PC Software Functions	Supported PC Interface ²
					For Drivers	For Applications		
Windows [®] Operating System	Windows [®] XP Home ^{1 4} Windows [®] XP Professional ^{1 4}	Intel [®] Pentium [®] II or equivalent	128 MB	256 MB	150 MB	500 MB	Printing, PC-Fax ³ , Scanning	USB, 10Base-T/100 Base-TX (Ethernet), Wireless 802.11 b/g/n ⁵
	Windows [®] XP Professional x64 Edition ^{1 4}	64-bit (Intel [®] 64 or AMD64) supported CPU	256 MB	512 MB				
	Windows Vista [®] ^{1 4}	Intel [®] Pentium [®] 4 or equivalent 64-bit (Intel [®] 64 or AMD64) supported CPU	512 MB	1 GB	500 MB	1.2 GB		
	Windows [®] 7 ^{1 4}	Intel [®] Pentium [®] 4 or equivalent 64-bit (Intel [®] 64 or AMD64) supported CPU	1 GB (32-bit) 2 GB (64-bit)	1 GB (32-bit) 2 GB (64-bit)	650 MB			

Minimum System Requirements and Supported PC Software Functions								
Computer Platform & Operating System Version		Processor Minimum Speed	Minimum RAM	Recommended RAM	Hard Disk Space to install		Supported PC Software Functions	Supported PC Interface ²
					For Drivers	For Applications		
	Windows Server [®] 2003 (print only via network)	Intel [®] Pentium [®] III or equivalent	256 MB	512 MB	50 MB	N/A	Printing	10Base-T/100 Base-TX (Ethernet), Wireless 802.11 b/g/n ⁵
	Windows Server [®] 2003 x64 Edition (print only via network)	64-bit (Intel [®] 64 or AMD64) supported CPU						
	Windows Server [®] 2008 (print only via network)	Intel [®] Pentium [®] 4 or equivalent 64-bit (Intel [®] 64 or AMD64) supported CPU	512 MB	2 GB				
	Windows Server [®] 2008 R2 (print only via network)	64-bit (Intel [®] 64 or AMD64) supported CPU						
Macintosh Operating System	Mac OS X 10.5.8	PowerPC [®] G4/G5 Intel [®] Processor	512 MB	1 GB	80 MB	400 MB	Printing, PC-Fax Send ³ , Scanning	USB, 10Base-T/100 Base-TX (Ethernet), Wireless 802.11 b/g/n ⁵
	Mac OS X 10.6.x	Intel [®] Processor	1 GB	2 GB				
	Mac OS X 10.7.x	Intel [®] Processor	2 GB	2 GB				

¹ For WIA, 1200 x 1200 resolution. Brother Scanner Utility enables to enhance up to 19200 x 19200 dpi.

² Third-party USB ports are not supported.

³ PC-Fax supports black and white only.

⁴ Presto! Page Manager on the CD-ROM supports Microsoft[®] SP3 or higher for Windows[®] XP and SP2 or higher for Windows Vista[®] and Windows[®] 7.

⁵ For MFC-8910DW

For the latest driver updates, visit <http://solutions.brother.com/>.

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Consumable items

Model		MFC-8510DN	MFC-8910DW	Order No.
Toner Cartridge	Inbox	Approx. 3,000 pages A4 or Letter page ¹		-
	Standard	Approx. 3,000 pages A4 or Letter page ¹		TN-3320
	High Yield	Approx. 8,000 pages A4 or Letter page ¹		TN-3350
	Super High Yield		Approx. 12,000 pages A4 or Letter page ¹	TN-3370
Drum Unit		Approx. 30,000 pages A4 or Letter pages (1 page / job) ²		DR-3355

¹ Approx. cartridge yield is declared in accordance with ISO/IEC 19752.

² Drum life is approximate and may vary by type of use.

Network (LAN)



Note

For more information about the Network specifications >> Network User's Guide

D

Model		MFC-8510DN	MFC-8910DW
LAN		You can connect your machine to a network for Network Printing, Network Scanning, PC-Fax Send, PC-Fax Receive (Windows® only) and Remote Setup ¹ . Also included is Brother BRAdmin Light ^{2 3} Network Management software.	
Protocols	IPv4	ARP, RARP, BOOTP, DHCP, APIPA (Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, POP3 ⁴ , SMTP Client, IPP/IPPS, FTP Client and Server, LDAP Client ⁴ , CIFS Client, TELNET Server, SNMP v1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNTIP Client	
	IPv6	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Client and Server, LDAP Client ⁴ , CIFS Client, TELNET Server, SNMP v1/v2c/v3, HTTP/HTTPS server, TFTP client and server, SMTP Client, ICMPv6, SNTIP Client, Web Services (Print/Scan)	
Security Protocols	Wired	APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos	
	Wireless	-	APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3, 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos
Wireless Network Security		-	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)
Wireless Network Setup Support Utility	AOSS™	-	Yes
	WPS	-	Yes

¹ See *Computer requirements* >> page 164.

² (For Windows® users) Brother BRAdmin Light is available on the CD-ROM provided with the machine.
(For Macintosh users) Brother BRAdmin Light is available as a download from <http://solutions.brother.com/>.

³ (For Windows® users) If you require more advanced machine management, use the latest Brother BRAdmin Professional utility version that is available as a download from <http://solutions.brother.com/>.

⁴ (MFC-8510DN) These protocols are available if you download LDAP function to your machine.

Brother numbers

! Important

For technical and operational help, you must call the country where you bought the machine. Calls must be made **from within** that country.

Register your product

Please complete the Brother Warranty Registration or, for your convenience and most efficient way to register your new product, register on-line at

<http://welcome.brother.com/tw-zh/support-downloads/register-products/warranty.html>

Frequently asked questions (FAQs)

The Brother Solutions Center is our one-stop resource for all your machine needs. You can download the latest drivers, software and utilities, read FAQs and troubleshooting tips to learn how to get the most from your Brother product.

<http://solutions.brother.com/>

You can check here for Brother driver updates.

Customer Service

Toll Free Number: 0800600211

Service Hour: 9am ~ 6pm, Monday to Friday (Except Public Holidays)

Service center locations

For service center in Taiwan, contact your local Brother Office. Address and telephone contact information for Taiwan office can be found at <http://www.brother.com/> by selecting Taiwan.

Internet Addresses

Brother Global Web Site: <http://www.brother.com/>

For Frequently Asked Questions (FAQs), Product Support and Technical Questions, and Driver Updates and Utilities: <http://solutions.brother.com/>

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Windows®

See Software User's Guide.

Wireless Network

See Quick Setup Guide and Network
User's Guide.

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