Advanced User's Guide

DCP-8110DN
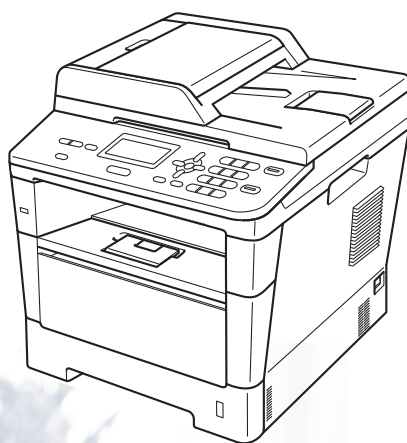
User's Guides and where do I find them?

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.	Printed / 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.	Printed / In the box
Basic User's Guide	Learn the basic Copy, Scan and Direct Print operations and how to replace consumables. See troubleshooting tips.	PDF file / Installer CD-ROM / In the box
Advanced User's Guide	Learn more advanced operations: 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 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 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
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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1 General Setup

Memory storage

Your menu settings are stored permanently and in the event of a power failure will *not* be lost. Temporary settings (for example, Contrast) *will* be lost. During a power failure the machine will retain the date and time for up to 60 hours.

Automatic Daylight Saving Time

You can set the machine to change automatically for Daylight Saving Time. It will set itself forward one hour in the Spring, and back one hour in the Autumn.

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

2 Press ▲ or ▼ to choose On or Off. Press **OK**.

3 Press **Stop/Exit**.

Ecology features

Toner Save

You can save toner using this feature. When you set Toner Save to On, prints appear lighter. The default setting is Off.

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

2. Press ▲ or ▼ to choose On or Off. Press **OK**.

3. Press **Stop/Exit**.

Note

We do not recommend Toner Save for printing Photo or Greyscale images.

Sleep Time

The Sleep mode setting can reduce power consumption. When the machine is in Sleep mode (Power Save mode) it acts as though it is turned off. The machine will wake up and start printing when it receives a print job.

You can choose how long the machine must be idle before it goes into Sleep mode. When the machine receives a print job or makes a copy, the timer will be reset. The default setting is 3 minutes.

While the machine is in Sleep mode the LCD will show Sleep.

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

2. Enter the length of time (0-90 minutes) the machine is idle before entering Sleep mode. Press **OK**.

3. Press **Stop/Exit**.

Deep Sleep mode

If the machine is in Sleep mode and does not receive any jobs for a certain length of time, the machine will go into Deep Sleep mode automatically and the LCD will show Deep Sleep. Deep Sleep mode uses less power than Sleep mode. The machine will wake up when it receives a print job.

Power Down mode

If the machine is in Deep Sleep mode for 4 hours, it will then go into Power Down mode automatically and the LCD will show Power Down. Power Down mode is the lowest power consumption mode, which achieves a power consumption of approximately 0.26 W. To start printing, press any key on the control panel and then send the print data.

You can enable or disable the Power Down mode feature by following these steps:

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

2 Press ▲ or ▼ to choose On or Off. Press **OK**.

3 Press **Stop/Exit**.

Note

The machine does not go into Power Down mode when the machine is connected to a wired network or has secure print data in the memory.

Quiet mode feature

Quiet mode

The Quiet mode setting can reduce noise while printing. When Quiet Mode is turned On, the print speed becomes slower. The default setting is Off.

1 Press **Menu**, **1**, **4**.

2 Press ▲ or ▼ to choose On or Off. Press **OK**.

3 Press **Stop/Exit**.

LCD Contrast

You can change the contrast to make the LCD look lighter or darker.

a Press **Menu**, **1**, **6**.

b Press ▶ to make the LCD darker. Or, press ◀ to make the LCD lighter. Press **OK**.

c Press **Stop/Exit**.

Glass ScanSize

When scanning Letter size documents, you will need to set the scan glass size to Letter; otherwise, a portion of your scanned documents will be missing.

a Press **Menu**, **1**, **8**, **1**.

b Press ▲ or ▼ to choose Letter. Press **OK**.

c Press **Stop/Exit**.

User Settings List

You can print a list of the machine's settings.

1. Press **Menu**, **6**, **4**.

2. Press **Start**.

3. Press **Stop/Exit**.

Network Configuration Report

The Network Configuration Report is a report listing the current network configuration including the network print server settings.

1. Press **Menu**, **6**, **5**.

2. Press **Start**.

3. Press **Stop/Exit**.

2 Security features

Secure Function Lock 2.0

Secure Function Lock lets you restrict Public access to the following machine functions:

- Copy
- Scan [1]
- USB Direct
- Print [2]
- Page Limit [3]

[1] Scan includes scan jobs sent via Brother iPrint&Scan.

[2] Print includes print jobs via Google Cloud Print and Brother iPrint&Scan.

[3] Page Limit is configured using Web Based Management.

This feature also prevents users from changing the default settings of the machine by limiting access to the user-defined menu settings.

Before using the security features you must first enter an administrator password.

Access to restricted operations can be enabled by creating a restricted user. Restricted users must enter a password to use the machine.

Make a careful note of your password. If you forget it, you will have to reset the password stored in the machine. For information about how to reset the password call Brother Customer Service.

Note

- Secure Function Lock can be set manually at the control panel, or by using Web Based Management or BRAdmin Professional 3 (Windows® only). We recommend using Web Based Management or BRAdmin Professional 3 (Windows® only) to configure this feature. (➤➤ Network User's Guide)

- Only administrators can set limitations and make changes for each user.

Setting the password for the administrator

The password you set in these steps is for the administrator. This password is used to set up users and to turn the Secure Function Lock on or off. (See *Setting up restricted users* ▶▶ page 8 and *Turning Secure Function Lock on/off* ▶▶ page 9.)

1. Press **Menu**, **1**, **7**, **1**.

2. Enter a four-digit number for the password using numbers 0-9.
   Press **OK**.

3. Re-enter the password when the LCD shows Verify:.
   Press **OK**.

4. Press **Stop/Exit**.

Changing the password for the administrator

1. Press **Menu**, **1**, **7**, **1**.

2. Press ▲ or ▼ to choose Set Password.
   Press **OK**.

3. Enter the registered four-digit password.
   Press **OK**.

4. Enter a four-digit number for the new password.
   Press **OK**.

5. If the LCD shows Verify: re-enter the new password.
   Press **OK**.

6. Press **Stop/Exit**.

2

Setting up the Public user mode

Public user mode restricts the functions that are available for Public users. Public users do not need to enter a password to access the features made available through this setting. You can set up one Public user.

a Press **Menu**, **1**, **7**, **1**.

b Press ▲ or ▼ to choose Setup ID. Press **OK**.

c Enter the administrator password. Press **OK**.

d Press ▲ or ▼ to choose Public. Press **OK**.

e Press ▲ or ▼ to choose Enable or Disable for Copy. Press **OK**. After you have set Copy, repeat this step for Scan, USB Direct and Print. When the LCD shows Exit, press **OK**.

f Press **Stop/Exit**.

Setting up restricted users

You can set up users with a password and restrict the functions that are available to them. You can set up more advanced restrictions, such as by page count or PC user login name, through Web Based Management or BRAdmin Professional 3 (Windows® only). (▶▶ Network User's Guide) You can set up to 25 restricted users with restrictions and a password.

a Press **Menu**, **1**, **7**, **1**.

b Press ▲ or ▼ to choose Setup ID. Press **OK**.

c Enter the administrator password. Press **OK**.

d Press ▲ or ▼ to choose UserXX. Press **OK**.

e Use the numeric keys to enter the user name. (▶▶ Basic User's Guide: *Entering text*) Press **OK**.

f Enter a four-digit password for the user. Press **OK**.

g Press ▲ or ▼ to choose Enable or Disable for Copy. Press **OK**. After you have set Copy, repeat this step for Scan, USB Direct and Print. When the LCD shows Exit, press **OK**.

h Repeat steps d to g to enter each additional user and password.

i Press **Stop/Exit**.

Note

You cannot input the same name for different users.

Turning Secure Function Lock on/off

If you enter the wrong password, the LCD will show Wrong Password. Re-enter the correct password.

Turning Secure Function Lock on

1 Press **Menu**, **1**, **7**, **1**.

2 Press ▲ or ▼ to choose Lock Off→On. Press **OK**.

3 Enter your four-digit administrator password. Press **OK**.

Turning Secure Function Lock off

1 Press **Menu**, **1**, **7**, **1**.

2 Press ▲ or ▼ to choose Lock On→Off. Press **OK**.

3 Enter your four-digit administrator password. Press **OK**.

Switching Users

This setting allows you to switch between registered restricted users or Public mode when Secure Function Lock is turned on.

Changing to the restricted user mode

1 Hold down ◄ as you press **Secure Print**.

2 Press ▲ or ▼ to choose ID. Press **OK**.

3 Enter your four-digit password. Press **OK**.

Note

• If the current ID is restricted for the function you try to use, Access Denied will appear on the LCD. Then the LCD will show Change ID and other User IDs so you may switch to a User ID or Public mode that has access. If you are allowed to access the function you want to use, press ▲ or ▼ to choose your name and press **OK**. Enter your four-digit password and press **OK**.

• If your User ID has a page limit restriction and you have already reached the maximum number of pages, the LCD will show Limit Exceeded when you try to print data. Contact your administrator to check your Secure Function Lock Settings.

Changing to the Public mode

After a restricted user has finished using the machine, it will return to the Public setting within one minute.

You can exit from the restricted user mode by pressing the following keys:

- **Clear** when you are in the copy mode.

- (**SCAN**) when you are in the scan mode.

Then LCD will ask you Go to Public?.

Press **1** to choose 1.Yes.

Note

If the function you want to use is restricted for all users, Not Available will appear on the LCD; The machine will go back to the Ready mode, and you cannot access the function you want to use. Contact your administrator to check your Secure Function Lock Settings.

Setting Lock

Setting Lock lets you set a password to stop other people from accidentally changing your machine settings.

Make a careful note of your password. If you forget it, you will have to reset the passwords stored in the machine. Please call your administrator or Brother Customer Service.

While the Setting Lock is On, you cannot change the settings without a password.

Setting up the password

1. Press **Menu**, **1**, **7**, **2**.

2. Enter a four-digit number for the password using numbers 0-9.
Press **OK**.

3. Re-enter your password when the LCD shows Verify:.
Press **OK**.

4. Press **Stop/Exit**.

Changing your Setting Lock password

1. Press **Menu**, **1**, **7**, **2**.

2. Press ▲ or ▼ to choose Set Password.
Press **OK**.

3. Enter your current four-digit password.
Press **OK**.

4. Enter a four-digit number for the new password.
Press **OK**.

5. Re-enter your new password when the LCD shows Verify:.
Press **OK**.

6. Press **Stop/Exit**.

Turning Setting Lock on/off

If you enter the wrong password when following the instructions below, the LCD will show Wrong Password. Re-enter the correct password.

Turning Setting Lock on

1. Press **Menu**, **1**, **7**, **2**.

2. Press ▲ or ▼ to choose On.
   Press **OK**.

3. Enter your four-digit password.
   Press **OK**.
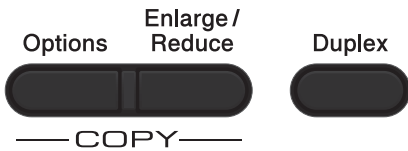
4. Press **Stop/Exit**.

Turning Setting Lock off

1. Press **Menu**, **1**, **7**, **2**.

2. Enter your four-digit password.
   Press **OK** twice.

3. Press **Stop/Exit**.

3 **Making copies**

Copy settings

When you want to quickly change the copy settings for the next copy, use the temporary **COPY** keys. You can change multiple settings.

Options   Enlarge/Reduce   Duplex

—— COPY ——

The machine returns to its default settings one minute after copying.

To change a setting, press a temporary **COPY** key or **Duplex** and then press ▲ or ▼ and ◀ or ▶ to scroll through the COPY settings. When the setting you want is highlighted, press **OK**.

When you have finished changing settings, press **Start** to begin copying.

Stop copying

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

Enlarging or reducing the image copied

You can choose the following enlargement or reduction ratios:

Press	100%*
Enlarge/Reduce	97% LTR→A4
	94% A4→LTR
	91% Full Page
	85% LTR→EXE
	83% LGL→A4
	78% LGL→LTR
	70% A4→A5
	50%
	Custom(25-400%) [1]
	Auto [2]
	200%
	141% A5→A4
	104% EXE→LTR

* The factory setting is shown in Bold with an asterisk.

[1] Custom(25-400%) allows you to enter a ratio from 25% to 400%.

[2] Auto sets the machine to calculate the reduction ratio that best fits the size of paper. Auto is only available when using the ADF.

To enlarge or reduce the next copy follow the instructions below:

1. Load your document.

2. Use the numeric keys to enter the number of copies (up to 99).

3. Press **Enlarge/Reduce**, then press ▶.

④ Do one of the following:

■ Press ▲ or ▼ to choose the enlargement or reduction ratio you want.

Press **OK**.

■ Press ▲ or ▼ to choose Custom(25-400%).

Press **OK**.

Use the numeric keys to enter an enlargement or reduction ratio from 25% to 400%. (For example, press **5** and **3** to enter 53%.)
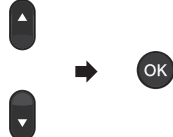
Press **OK**.

⑤ Press **Start**.

Note

Page Layout Options 2 in 1 (P), 2 in 1 (L), 2 in 1 (ID), 4 in 1 (P) and 4 in 1 (L) are *not* available with Enlarge/Reduce.

Using the Options key

Use the **Options** key to quickly set the following copy settings temporarily for the next copy.

3

Press	Menu selections	Options	Page
Options	Press ▲ or ▼, then press **OK** → OK	Press ▲, ▼, ◄ or ►, then press **OK** → OK	
	Stack/Sort	**Stack*** Sort	16
	Quality	**Auto*** Text Photo Graph	16
	Brightness	-■□□□□+ -□■□□□+ **-□□■□□+*** -□□□■□+ -□□□□■+	17
	Contrast	-■□□□□+ -□■□□□+ **-□□■□□+*** -□□□■□+ -□□□□■+	17
	Page Layout	**Off(1 in 1)*** 2 in 1 (P) 2 in 1 (L) 2 in 1 (ID) 4 in 1 (P) 4 in 1 (L)	18
	Tray Select	**MP>T1*** or **M>T1>T2*** [1] T1>MP or T1>T2>M [1] #1(XXX) [2] #2(XXX) [1] [2] MP(XXX) [2]	20
The factory settings are shown in Bold with an asterisk.			

[1] T2 and #2 appear only if the optional lower tray is installed.

[2] XXX is the paper size you set in **Menu**, **1**, **1**, **2**.

Sorting copies

You can sort multiple copies. Pages will be stacked in the order 1 2 3, 1 2 3, 1 2 3, and so on.

1. Load your document.

2. Use the numeric keys to enter the number of copies (up to 99).

3. Press **Options**. Press ▲ or ▼ to choose Stack/Sort.
Press **OK**.

4. Press ▲ or ▼ to choose Sort.
Press **OK**.

5. Press **Start** to scan the page.
If you placed the document in the ADF, the machine scans the pages and starts printing.

   If you are using the scanner glass, go to step 6.

6. After the machine scans the page, press **1** to scan the next page.

```
Flatbed Copy:
 Next Page?
▲ 1.Yes
▼ 2.No
Select ▲▼ or OK
```

7. Put the next page on the scanner glass.
Press **OK**.
Repeat steps 6 and 7 for each page of the document.

8. After all the pages have been scanned, press **2** in step 6 to finish.

Improving copy quality

You can choose from a range of quality settings. The default setting is Auto.

■ Auto

   Auto is the recommended mode for ordinary printouts. Suitable for documents that contain both text and photographs.

■ Text

   Suitable for documents containing mainly text.

■ Photo

   Better copy quality for photographs.

■ Graph

   Suitable for copying receipts.

To *temporarily* change the quality setting, follow the steps below:

1. Load your document.

2. Use the numeric keys to enter the number of copies (up to 99).

3. Press **Options**. Press ▲ or ▼ to choose Quality.
Press **OK**.

4. Press ◄ or ► to choose Auto, Text, Photo or Graph.
Press **OK**.

5. Press **Start**.

To change the *default* setting, follow the steps below:

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

2. Press ▲ or ▼ to choose the copy quality.
Press **OK**.

3. Press **Stop/Exit**.

Adjusting Brightness and Contrast

Brightness

Adjust the copy brightness to make copies darker or lighter.

■ To *temporarily* change the copy brightness setting, follow the steps below:

1. Load your document.

2. Use the numeric keys to enter the number of copies (up to 99).

3. Press **Options**.
   Press ▲ or ▼ to choose Brightness.
   Press **OK**.

4. Press ▶ to make a lighter copy or press ◀ to make a darker copy.
   Press **OK**.

5. Press **Start**.

■ To change the *default* setting, follow the steps below:

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

2. Press ▶ to make a lighter copy or press ◀ to make a darker copy.
   Press **OK**.

3. Press **Stop/Exit**.

Contrast

Adjust the contrast to help an image look sharper and more vivid.

■ To *temporarily* change the contrast setting, follow the steps below:

1. Load your document.

2. Use the numeric keys to enter the number of copies (up to 99).

3. Press **Options**.
   Press ▲ or ▼ to choose Contrast.
   Press **OK**.

4. Press ◀ to decrease the contrast or press ▶ to increase the contrast.
   Press **OK**.

5. Press **Start**.

■ To change the *default* setting, follow the steps below:

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

2. Press ◀ to decrease the contrast or press ▶ to increase the contrast.
   Press **OK**.

3. Press **Stop/Exit**.

3

Making N in 1 copies (page layout)

You can reduce the amount of paper used when copying by using the N in 1 copy feature. This allows you to copy two or four pages onto one page. If you want to copy both sides of an ID card onto one page, see *2 in 1 ID Copy* ▶▶ page 19.

❗ Important

- Please make sure the paper size is set to A4, Letter, Legal or Folio.

- (P) means Portrait and (L) means Landscape.

- You cannot use the Enlarge/Reduce setting with the N in 1 feature.

a Load your document.

b Use the numeric keys to enter the number of copies (up to 99).

c Press **Options**. Press ▲ or ▼ to choose Page Layout. Press **OK**.

d Press ▲ or ▼ to choose Off(1 in 1), 2 in 1 (P), 2 in 1 (L), 2 in 1 (ID) [1], 4 in 1 (P) or 4 in 1 (L).
Press **OK**.

[1] For details about 2 in 1 (ID), see *2 in 1 ID Copy* ▶▶ page 19.

e Press **Start** to scan the page.
If you placed the document in the ADF, the machine scans the pages and starts printing.

If you are using the scanner glass, go to step f.

f After the machine scans the page, press **1** to scan the next page.

```
Flatbed Copy:
 Next Page?
▲ 1.Yes
▼ 2.No
Select ▲▼ or OK
```

g Put the next page on the scanner glass. Press **OK**.
Repeat steps f and g for each page of the document.

h After all the pages have been scanned, press **2** in step f to finish.

If you are copying from the ADF:

Insert your document *face up* in the direction shown below:

- **2 in 1 (P)**

- **2 in 1 (L)**

- **4 in 1 (P)**

- **4 in 1 (L)**

If you are copying from the scanner glass:

Place your document *face down* in the direction shown below:

∎ **2 in 1 (P)**

◄ | ı—ı | ◄ | ᇉᄭ | ——→ | 1 2 |

∎ **2 in 1 (L)**

◄ | ĩ | ◄ | ᑫ | ——→ | 1 / 2 |

∎ **4 in 1 (P)**

◄ | ı—ı | ᇉᄭ | ᑫ | ⊿⊦ | → | 1 2 / 3 4 |

∎ **4 in 1 (L)**

◄ | ĩ | ᑫ | ᑫ | ⊧ | → | 1 3 / 2 4 |
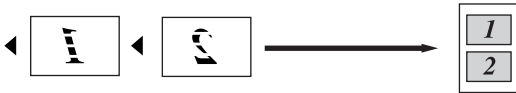
2 in 1 ID Copy

You can copy both sides of your identification card onto one page, keeping the original card size.

Note

You can copy an identification card to the extent permitted under applicable laws. (▸▸ Product Safety Guide: *Unlawful use of copying equipment (MFC and DCP only)*)

a Place your identification card *face down* at the left corner of the scanner glass.
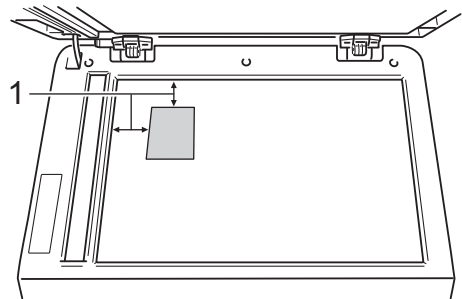
1 4 mm or greater (top, left)

∎ Even if a document is placed in the ADF, the machine scans the data from the scanner glass when in this mode.

b Enter the number of copies you want.

c Press **Options**. Press ▲ or ▼ to choose Page Layout. Press **OK**.

d Press ▲ or ▼ to choose 2 in 1 (ID). Press **OK**.

e Press **Start**.
After the machine scans the first side of the card, the LCD will display the following instruction.

```
Turn over the ID
Then Press Start
```
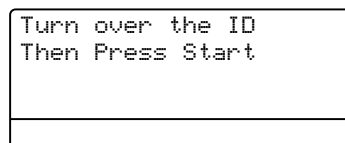
f Turn over your identification card and place it at the left side of the scanner glass.

g Press **Start**. The machine scans the other side of the card and prints the page.

Note

When 2 in 1 ID Copy is chosen, the machine sets the quality to Photo and the contrast to +2 (-☐☐☐☐■+).

Tray selection

You can change the Tray Use only for the next copy.

a Load your document.

b Use the numeric keys to enter the number of copies (up to 99).

c Press **Options**. Press ▲ or ▼ to choose Tray Select. Press **OK**.

d Press ◀ or ▶ to choose the MP>T1, M>T1>T2 [1], T1>MP, T1>T2>M [1], #1(XXX) [2], #2(XXX) [1] [2] or MP(XXX) [2]. Press **OK**.

   [1] T2 and #2 appears only if the optional lower tray is installed.

   [2] XXX is the paper size you set in **Menu**, **1**, **1**, **2**.

e Press **Start**.

Note

To change the default setting for Tray Select ▶▶ Basic User's Guide: *Tray Use in COPY mode*.

Duplex (2-sided) copying

If you want to use the automatic duplex copy feature, load your document in the ADF.

If you get an Out of Memory message while you are making duplex copies, try installing extra memory. (See *Installing extra memory* ▶▶ page 28.)

Duplex Copy (long edge flip)

■ **1sided→2sided L**

Portrait

Landscape

a Load your document.

b Enter the number of copies (up to 99) using the numeric keys.

c Press **Duplex** and ▲ or ▼ to select 1sided→2sided L. Press **OK**.

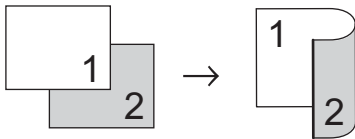d Press **Start** to copy the document.

Advanced Duplex Copy (short edge flip)

■ **1 sided → 2 Sided S**
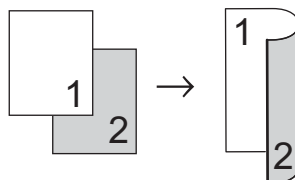
Portrait
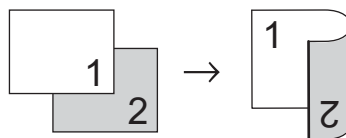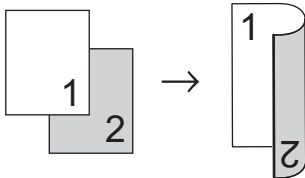
Landscape

1. Load your document.

2. Enter the number of copies (up to 99) using the numeric keys.

3. Press **Duplex** and ▲ or ▼ to select
   1sided→2sided S.
   Press **OK**.

4. Press **Start** to copy the document.

A Routine maintenance

Cleaning and checking the machine

Clean the outside and inside of the machine regularly with a dry, lint-free cloth. When you replace the toner cartridge or the drum unit, make sure that you clean the inside of the machine. If printed pages are stained with toner, clean the inside of the machine with a dry, lint-free cloth.

⚠ 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.

  (➤➤ Product Safety Guide: *General precautions*)

❶ Important

Use neutral detergents. Cleaning with volatile liquids such as thinner or benzine will damage the surface of the machine.

Checking the Page Counters

You can see the machine's Page Counters for copies, printed pages, reports and lists or a summary total.

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

2 Press ▲ or ▼ to see Total, List, Copy or Print.

3 Press **Stop/Exit**.

Checking the remaining life of parts

You can see the machine's parts life on the LCD.

1 Press **Menu**, **6**, **7**.

```
67.Parts Life
  1.Drum
  2.Fuser
  3.Laser
Select ▲▼ or OK
```

2 Press ▲ or ▼ to choose 1.Drum, 2.Fuser, 3.Laser, 4.PF Kit MP, 5.PF Kit 1 or 6.PF Kit 2 [1]. Press **OK**.

3 Press **Stop/Exit**.

[1] If the optional lower tray is installed.

Note

The life check will be accurate only if you have reset the part counter when you installed a new part. It will not be accurate if that part's life counter was reset during the life of the used part.

The remaining life of the toner cartridge is listed on the User Settings report. (See *User Settings List* ▶▶ page 5.)

Replacing periodic maintenance parts

The periodic maintenance parts will need to be replaced regularly to maintain the print quality. The parts listed below will have to be replaced after printing approximately 50,000 pages [1] for PF Kit MP and 100,000 pages [1] for PF Kit 1, PF Kit 2 [2], Fuser and Laser. Please call Brother Customer Service when the following messages appear on the LCD.

LCD message	Description
Replace Parts Fuser Unit	Replace the fuser unit.
Replace Parts Laser Unit	Replace the laser unit.
Replace Parts PF Kit 1	Replace the paper feeding kit for the paper tray.
Replace Parts PF Kit 2 [2]	Replace the paper feeding kit for the optional lower tray.
Replace Parts PF Kit MP	Replace the paper feeding kit for the multi-purpose tray.

[1] A4 or Letter size single-sided pages.

[2] If the optional lower tray is installed.

A

Packing and shipping the machine

⚠ WARNING

This machine is heavy and weighs more than 15.6 kg. Be careful not to pinch your fingers when you put the machine down.

If you use a Lower Tray, DO NOT carry the machine with the Lower Tray as you may be injured or cause damage to the machine because it is not attached to the Lower Tray.

📝 **Note**

If for any reason you must ship your machine, carefully repack the machine in the original packaging to avoid any damage during transit. The machine should be adequately insured with the carrier.

a Turn off the machine. Leave the machine turned off for at least 10 minutes to cool down.

b Disconnect all the cables, and then unplug the power cord from the electrical socket.

c Put the packing material (1) into the carton.
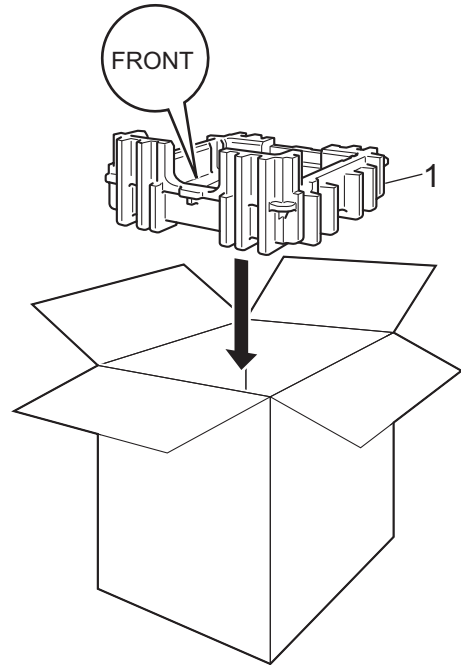
d Wrap the machine in a plastic bag. Put the machine on the packing material (1).
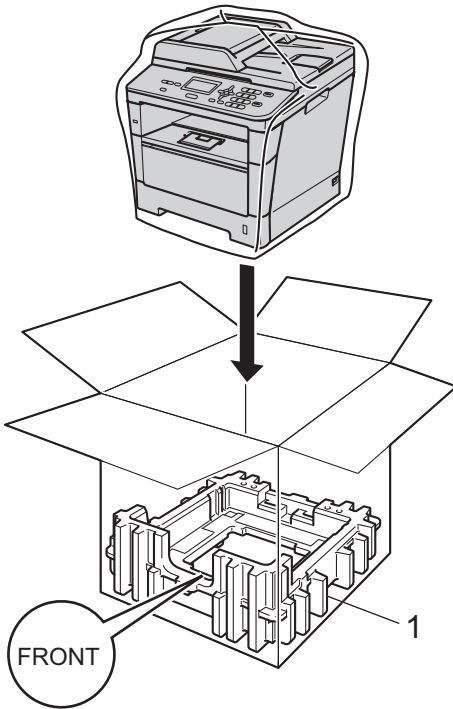
e Put the two packing material pieces (1) into the carton matching the right of the machine to the "RIGHT" mark on one of the packing material pieces, and the left of the machine to the "LEFT" mark on the other packing material pieces. Put the AC power cord and printed materials in the original carton as shown in the illustration.
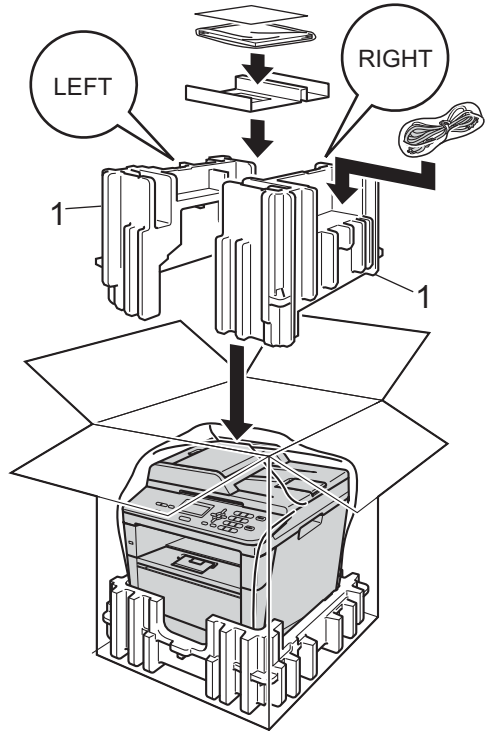
f Close the carton and tape it shut.

A

7 <If you have a Lower Tray>
 Repack the lower tray as shown in the illustration.
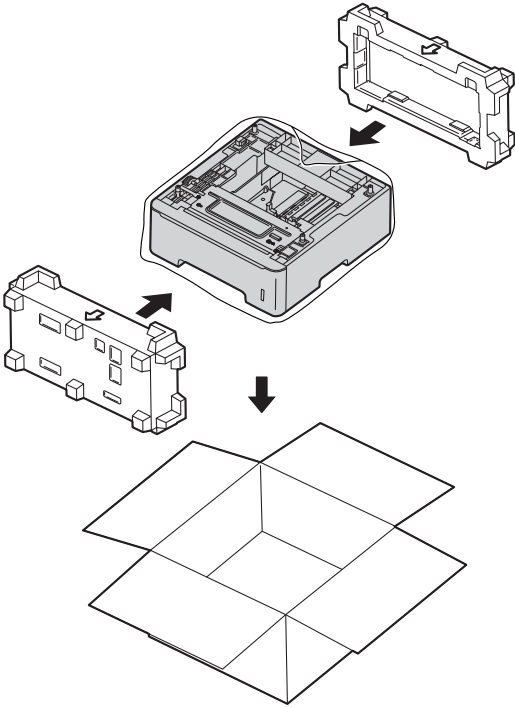
B Options

Optional paper tray (LT-5400)

An optional lower tray can be installed, and it can hold up to 500 sheets of 80 g/m^2 paper.

When an optional tray is installed, the machine can hold up to 800 sheets of plain paper.
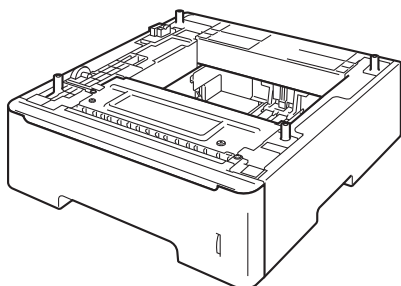
For setup, see the Instructions that we have supplied with the lower tray unit.

⚠ WARNING

If you use a Lower Tray, DO NOT carry the machine with the Lower Tray as you may be injured or cause damage to the machine because it is not attached to the Lower Tray.

Memory board

DCP-8110DN has 64 MB of standard memory. The machine has one slot for optional memory expansion. You can increase the memory up to a maximum of 320 MB for DCP-8110DN.

SO-DIMM Types

You can install the following SO-DIMMs:

- 256 MB Kingston KTH-LJ2015/256
- 256 MB Transcend TS256MHP423A

📝 Note
- For more information, visit the Kingston Technology website at http://www.kingston.com/.
- For more information, visit the Transcend website at http://www.transcend.com.tw/.

In general, the SO-DIMM must have the following specifications:

Type	144-pin and 16-bit output
CAS latency	4
Clock frequency	267 MHz (533 Mb/S/Pin) or more
Capacity	256 MB
Height	30.0 mm
DRAM type	DDR2 SDRAM

📝 Note
- There might be some SO-DIMMs that will not work with the machine.
- For more information, call the dealer you bought the machine from or Brother Customer Service.

B

Installing extra memory

a Turn off the machine's power switch.

b Disconnect the interface cable from the machine, and then unplug the power cord from the electrical socket.

Note

Be sure to turn off the machine's power switch before you install or remove the SO-DIMM.

c Remove the plastic (1) and then metal (2) SO-DIMM covers.
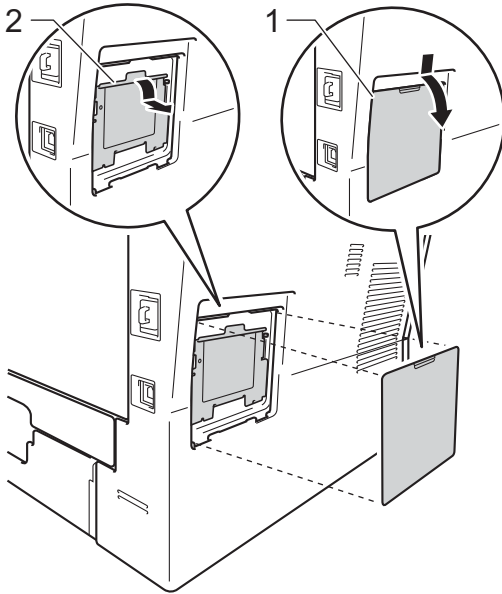
d Unpack the SO-DIMM and hold it by its edges.

Important

To prevent damage to the machine from static electricity, DO NOT touch the memory chips or the board surface.

e Hold the SO-DIMM by the edges and align the notches in the SO-DIMM with the protrusions in the slot. Insert the SO-DIMM diagonally (1), then tilt it toward the interface board until it clicks into place (2).
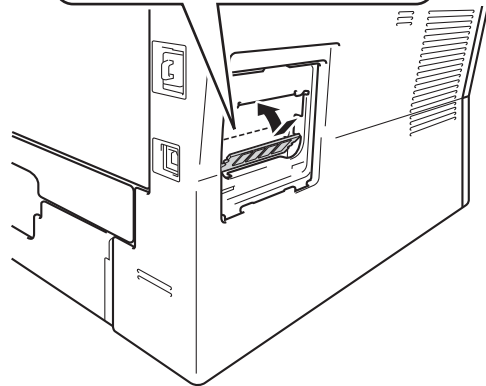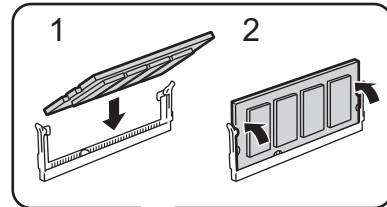
f Put the metal (2) and then the plastic (1) SO-DIMM covers back on.
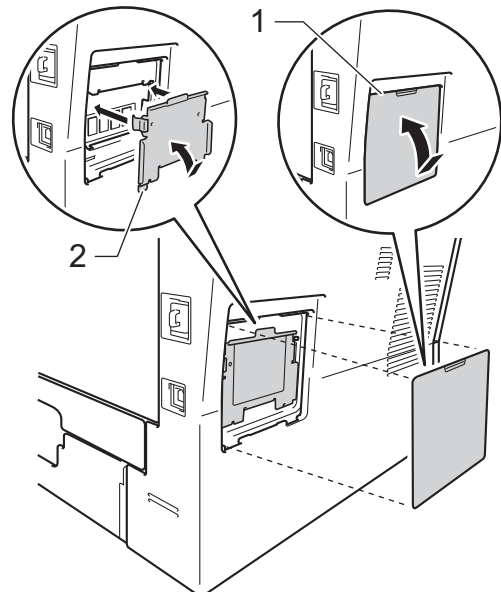
⑦ Plug the machine's power cord back into the electrical socket first, and then connect the interface cable.

⑧ Turn on the machine's power switch.

Note

To make sure that you have installed the SO-DIMM correctly, you can print the User Settings List that shows the current RAM SIZE. (See *User Settings List* ▶▶ page 5 .)

B

C Glossary

This is a comprehensive list of features and terms that appear in Brother manuals. Availability of these features depends on the model you purchased.

ADF (automatic document feeder)

The document can be placed in the ADF and scanned one page at a time automatically.

Beeper Volume

Volume setting for the beep when you press a key or make an error.

Cancel Job

Cancels a programmed print job and clears it from the machine's memory.

Contrast

Setting to compensate for dark or light documents, by making copies of dark documents lighter and light documents darker.

Fine resolution

Resolution is 203×196 dpi. It is used for small print and graphs.

Greyscale

The shades of grey available for copying photographs.

LCD (liquid crystal display)

The display screen on the machine that shows interactive messages during On-Screen Programming and shows the date and time when the machine is idle.

Menu mode

Programming mode for changing your machine's settings.

OCR (optical character recognition)

Nuance™ PaperPort™ 12SE or Presto! PageManager software application converts an image of text to text you can edit.

Resolution

The number of vertical and horizontal lines per inch.

Scanning

The process of sending an electronic image of a paper document into your computer.

Temporary settings

You can choose certain copy options without changing the default settings.

User Settings List

A printed report that shows the current settings of the machine.

D Index

D

brother

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