

## Advanced User's Guide

DCP-8110DN DCP-8150DN DCP-8155DN



Not all models are available in all countries.

#### (in USA):

Please go to the Brother Solutions Center at <a href="http://solutions.brother.com/">http://solutions.brother.com/</a> and click Manuals on your model page to download the other manuals.

Version 0

USA/CAN

## 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.	Printed / In the Box	
Advanced User's Guide	Learn more advanced operations: Copy, security features, printing reports and performing routine maintenance.	For USA:  PDF file / Brother Solutions Center at	
Software User's Guide	Follow these instructions for Printing, Scanning, Network Scanning and using the Brother ControlCenter utility.	http://solutions.brother.com/  For Other Countries: 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.		
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 <sup>2</sup>	
Mobile Print/Scan Guide for Brother iPrint&Scan	This Guide provides useful information about printing JPEG and PDF <sup>1</sup> 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 <sup>2</sup>	

<sup>&</sup>lt;sup>1</sup> PDF printing is not supported on Windows<sup>®</sup> Phone.

<sup>&</sup>lt;sup>2</sup> Visit us at http://solutions.brother.com/.

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## 1

## **General Setup**

## **IMPORTANT NOTE**

■ Most of the illustrations in this User's Guide show the DCP-8155DN.

## **Memory storage**

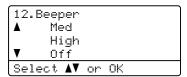
Your menu settings are stored permanently and in the event of a power failure will *not* be lost. Temporary settings (for example, Contrast) *will* be lost. During a power failure the machine will retain the date and time for approximately 60 hours.

## Volume settings

### Beeper volume

When the beeper is on, the machine will beep when you press a key or make a mistake. You can choose a range of volume levels, from High to Off.

1 Press Menu, 1, 2.



- Press ▲ or ▼ to choose Low, Med, High or Off.
  Press OK.
- 3 Press Stop/Exit.

# 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 Fall.

1 Press Menu, 6, 1, 2.



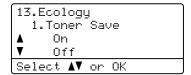
- Press A or V to choose On or Off. Press OK.
- 3 Press Stop/Exit.

## **Ecology features**

#### **Toner Save**

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

1 Press Menu, 1, 3, 1.



- Press A or ▼ to choose On or Off. Press OK.
- 3 Press Stop/Exit.



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

#### 1

### **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.

## 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.



- 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.

1 Press Menu, 1, 6.

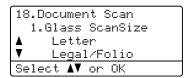


- Press ▶ to make the LCD darker. Or, press ◀ to make the LCD lighter. Press OK.
- 3 Press Stop/Exit.

## **Glass ScanSize**

When scanning A4/Legal/Folio size documents, you will need to set the scan glass size to A4 or Legal/Folio; otherwise, a portion of your scanned documents will be missing.

1 Press Menu, 1, 8, 1.



- Press ▲ or ▼ to choose A4 or Legal/Folio.
  Press OK.
- 3 Press Stop/Exit.

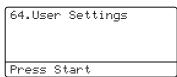


Legal/Folio is available for DCP-8150DN and DCP-8155DN.

## **User Settings List**

You can print a list of the settings you programmed.

1 Press Menu, 6, 4.



- 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.



The node name appears in the Network Configuration Report. The default node name is "BRNXXXXXXXXXXXX".

1 Press Menu, 6, 5.

65.Network Config Press Start

- Press Start.
- 3 Press Stop/Exit.

## 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<sup>2</sup>
- Page Limit <sup>3</sup>
- Scan includes scan jobs sent via Brother iPrint&Scan.
- Print includes print jobs via Google Cloud Print and Brother iPrint&Scan.
- 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 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.



- 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. (See 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.

17.Security
1.Function Lock
New Passwd:XXXX
Enter & OK Key

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



- 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.

## 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.

1 Press Menu, 1, 7, 1.



- Press ▲ or ▼ to choose Setup ID. Press OK.
- 3 Enter the administrator password. Press **OK**.
- Press A or ▼ to choose Public. Press OK.
- 5 Press A or V 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**.

6 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<sup>®</sup> only). (See Network User's Guide.) You can set up to 25 restricted users with restrictions and a password.

1 Press Menu, 1, 7, 1.

```
17.Security
1.Function Lock
Δ Lock Off→On
▼ Set Password
Select Δ▼ or OK
```

- Press A or ▼ to choose Setup ID. Press OK.
- 3 Enter the administrator password. Press **OK**.
- 4 Press ▲ or ▼ to choose UserXX. Press OK.
- 5 Use the numeric keys to enter the user name. (See Basic User's Guide: Entering text.)
  Press **OK**.
- 6 Enter a four-digit password for the user. Press **OK**.
- 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.
- 8 Repeat steps 4 to 7 for entering each additional user and password.

9 Press Stop/Exit.



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.



- 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.



- Press A or V 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.



- Press ▲ or ▼ to choose ID. Press OK.
- 3 Enter your four-digit password. Press **OK**.



- 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.



If the function you want to use is restricted for all users, Not Available will appear on the LCD and the machine will go back to the Ready mode. 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 Setting Lock is On, you cannot change the settings without a password.

### Setting up the password

1 Press Menu, 1, 7, 2.

17.Security 2.Setting Lock New Passwd:XXXX Enter & OK Key

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



- 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.



- 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.

```
17.Security
2.Setting Lock
Password:XXXX
Enter & OK Key
```

- 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 in any combination.



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 the settings, press **Start** to begin printing.

### 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 <sup>2</sup>	
	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%.
- 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.
- 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 A or V to choose the enlargement or reduction ratio you want.

Press OK.

■ Press A or V 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.



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.

Press	Menu selections	Options	Page
Options	Press ▲ or ▼, then press OK	Press ▲, ▼, ◀ or ▶, then press <b>OK</b>	
	<b>♦ • • • • • • • • • •</b>		
	Stack/Sort	Stack*	16
		Sort	
	Quality	Auto*	16
		Text	
		Photo	
		Graph	
	Brightness	-■□□□□+	17
		-□■□□□+	
		-□□■□□+*	
		+	
		-□□□□■+	
	Contrast	- ■□□□□+	17
		-□■□□□+	
		-□□■□□+*	
		+	
		-DDDD#+	
	Page Layout	Off(1 in 1)*	18
		2 in 1 (P)	
		2 in 1 (L)	
		2 in 1 (ID)	
		4 in 1 (P)	
	The Color	4 in 1 (L)	20
	Tray Select	MP>T1* or M>T1>T2* 1	20
		T1>MP or T1>T2>M <sup>1</sup>	
		#1(XXX) <sup>2</sup>	
		#2 (XXX) 12	
		MP(XXX) <sup>2</sup>	
The factory setting	gs are shown in Bold with an asterisk.		•

<sup>&</sup>lt;sup>1</sup> T2 and #2 appear only if the optional lower tray is installed on DCP-8150DN or DCP-8155DN.

 $<sup>^2</sup>$  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 A or V 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
```

Place the next page on the scanner glass.

Press OK.

Repeat steps **6** and **7** for each page of the layout.

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 only text.

PhotoSuitable for copying photographs.

■ Graph

Suitable for copying receipts.

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

- 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.
- Press ◀ or ▶ to choose Auto, Text, Photo Or Graph.
  Press OK.
- 5 Press Start.

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

Press Menu. 2. 1.



- 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.
- 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.



- 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:

- 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.



- Press to decrease the contrast or press to increase the contrast. Press OK.
- 3 Press Stop/Exit.

## 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 Letter, A4, Legal Or Folio.
- (₽) means Portrait and (L) means Landscape.
- You cannot use the Enlarge/Reduce setting with the N in 1 feature.
- 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 Page Layout. Press OK.
- 4 Press ▲ or ▼ to choose Off(1 in 1), 2 in 1 (P), 2 in 1 (L), 2 in 1 (ID) <sup>1</sup>, 4 in 1 (P) or 4 in 1 (L).

#### Press OK.

- For details about 2 in 1 (ID), see 2 in 1 ID Copy ➤➤ page 19.
- 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.



7 Place the next page on the scanner glass.

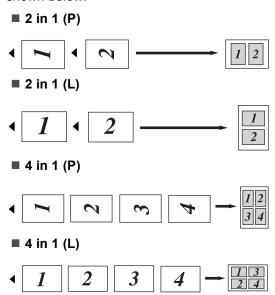
Press OK.

Repeat steps **6** and **7** for each page of the layout.

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

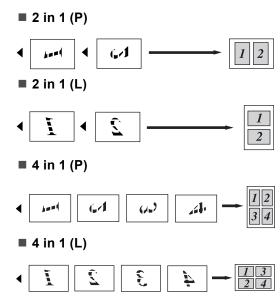
#### If you are copying from the ADF:

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



## If you are copying from the scanner glass:

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



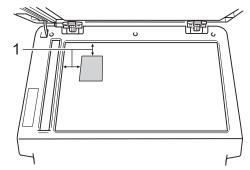
### 2 in 1 ID Copy

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



You can copy an identification card to the extent permitted under applicable laws. See Product Safety Guide: Legal limitations for copying (MFC and DCP only).

1 Place your identification card *face down* at the left corner of the scanner glass.



- 1 0.16 in. (4 mm) or greater (top, left)
- Even if a document is placed on the ADF, the machine scans the data from the scanner glass when in this mode.
- 2 Enter the number of copies you want.
- 3 Press Options. Press ▲ or ▼ to choose Page Layout. Press OK.
- Press ▲ or ▼ to choose 2 in 1 (ID). Press OK.
- 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

- Turn over your identification card and place it at the left side of the scanner glass.
- 7 Press **Start**. The machine scans the other side of the card and prints the page.



When 2 in 1 ID Copy is chosen, the machine sets the quality to Photo and the contrast to  $+2 (-\square\square\square\square\blacksquare+)$ .

### **Tray selection**

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

- 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 Tray Select. Press OK.
- 4 Press ◀ or ▶ to choose the MP>T1, M>T1>T2<sup>1</sup>, T1>MP, T1>T2>M<sup>1</sup>, #1 (XXX)<sup>2</sup>, #2 (XXX)<sup>12</sup> or MP (XXX)<sup>2</sup>. Press **OK**.
  - T2 and #2 appears only if the optional lower tray is installed on DCP-8150DN or DCP-8155DN.
  - 2 XXX is the paper size you set in **Menu**, **1**, **1**, **2**.
- 5 Press Start.



To change the default setting for Tray Select, see 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.

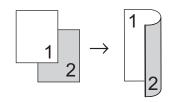
If you get an Out of Memory message while you are making duplex copies, try installing extra memory. (See *Installing extra memory* >> page 41.)

## **Duplex Copy (long edge flip)**

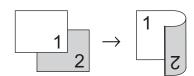
#### DCP-8110DN and DCP-8150DN

■ 1sided-2sided L

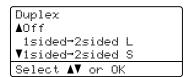
Portrait



Landscape



- 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 L.



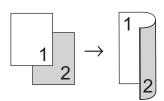
Press OK.

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

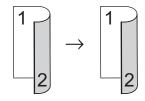
#### **DCP-8155DN**

#### Portrait

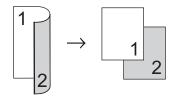
#### ■ 1 sided → 2 Sided



■ 2 sided - 2 Sided

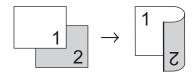


■ 2 sided → 1 Sided

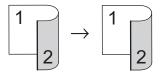


#### Landscape

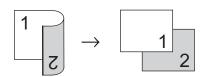
#### ■ 1 sided → 2 Sided



#### ■ 2 sided → 2 Sided



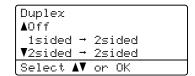
#### ■ 2 sided → 1 Sided



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, 2sided → 2sided or 2sided → 1sided.



#### Press OK.

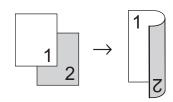
4 Press **Start** to copy the document.

## Advanced Duplex Copy (short edge flip)

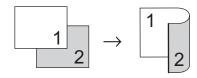
#### DCP-8110DN and DCP-8150DN

■ 1 sided → 2 Sided S

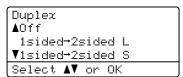
Portrait



Landscape



- 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.



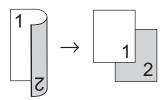
Press OK.

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

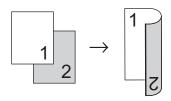
#### **DCP-8155DN**

Portrait

■ Advanced 2 sided - 1 sided

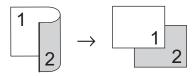


■ Advanced 1 sided - 2 sided

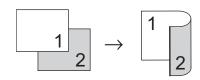


Landscape

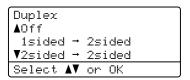
■ Advanced 2 sided → 1 sided



■ Advanced 1 sided → 2sided



- 1 Load your document.
- 2 Enter the number of copies (up to 99) using the numeric keys.
- 3 Press **Duplex** and **△** or **▼** to select Advanced.



Press OK.

4 Press ▲ or ▼ to select

2sided → 1sided or 1sided → 2sided.

Press **OK**.

Duplex Advanced ▲2sided → 1sided ▼1sided → 2sided Select ▲▼ or OK

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

## 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.

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







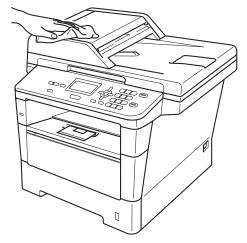


### Important

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

## Cleaning the outside of the machine

- 1 Turn off the machine's power switch.
- 2 Disconnect all cables, and then unplug the power cord from the AC power outlet.
- Wipe the outside of the machine with a dry, lint-free cloth to remove dust.

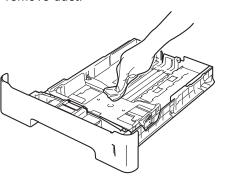


4 Pull the paper tray completely out of the machine.



5 If paper is loaded in the paper tray, remove it.

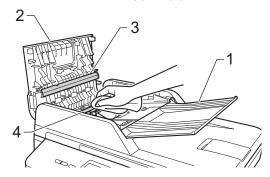
- 6 Remove anything that is stuck inside the paper tray.
- Wipe the inside and the outside of the paper tray with a dry, lint-free cloth to remove dust.



- 8 Re-load the paper and put the paper tray firmly back in the machine.
- 9 Plug the machine's power cord back into the AC power outlet first, then connect all cables.
- 10 Turn on the machine's power switch.

### Cleaning the scanner

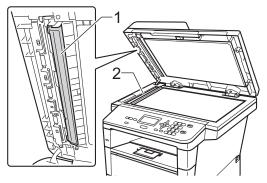
- 1 Turn off the machine's power switch.
- Disconnect all cables, and then unplug the power cord from the AC power outlet.
- (DCP-8155DN) Unfold the ADF document support (1) and then open the ADF cover (2).
  Clean the white bar (3) and the scanner glass strip (4) underneath it with a soft lint-free cloth moistened with water.
  Close the ADF cover (2) and fold the ADF document support (1).



4 Lift the document cover (1).
Clean the white plastic surface (2) and scanner glass (3) underneath it with a soft lint-free cloth moistened with water.



5 In the ADF unit, clean the white bar (1) and the glass strip (2) underneath it with a soft lint-free cloth moistened with water.





In addition to cleaning the scanner glass and glass strip with a soft lint-free cloth moistened with water, run your finger tip over the glass to see if you can feel anything on it. If you feel dirt or debris, clean the glass again concentrating on that area. You may need to repeat the cleaning process three or four times. To test, make a copy after each cleaning.

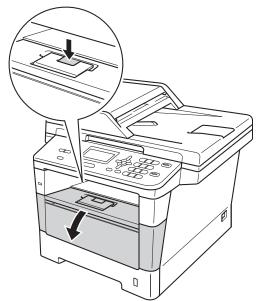
6 Close the document cover.

- 7 Plug the machine's power cord back into the AC power outlet first, then connect all cables.
- 8 Turn on the machine's power switch.

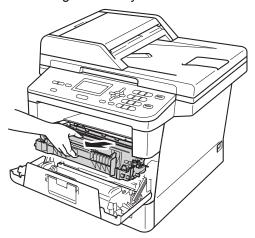
## Cleaning the corona wire

If you have print quality problems or the LCD shows Drum Error, 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.
- Press the front cover release button and then open the front cover.



3 Take out the drum unit and toner cartridge assembly.



## **▲ WARNING**

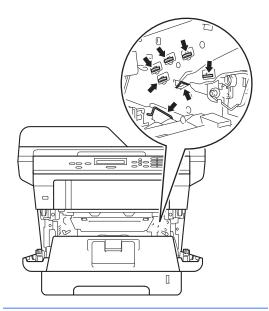
### ∧ HOT SURFACE

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.

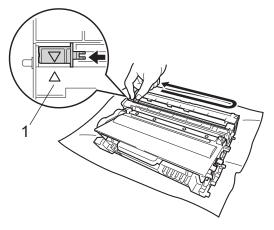


### Important

- · 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, 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.



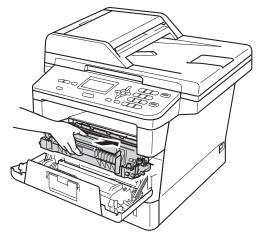
Clean the corona wire inside the drum unit by gently sliding the green tab from left to right and right to left several times.





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

Dut the drum unit and toner cartridge assembly back into the machine.



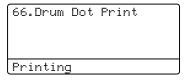
6 Close the front cover of the machine.

### Cleaning the drum unit

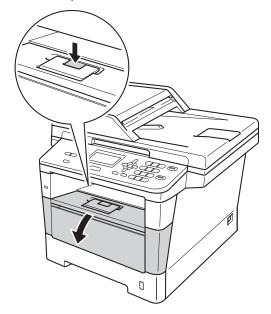
If your printout has black or white dots or other repeating marks at 3.7 in. (94 mm) intervals, the drum may have foreign material, such as glue from a label stuck on the drum surface. Follow the steps below to solve the problem.

Make sure that the machine is in the Ready mode.

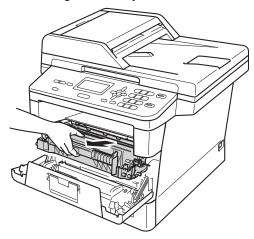
Press **Menu**, **6**, **6**, then press **Start** to print the drum dot check sheet.



- 2 Leave the machine turned on for 10 minutes for the internal fan to cool the extremely hot parts inside the machine.
- 3 After the machine has cooled down, turn off the machine's power switch.
- 4 Press the front cover release button and then open the front cover.



5 Take out the drum unit and toner cartridge assembly.



## **MARNING**

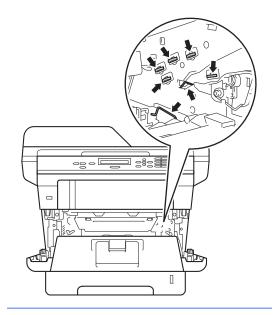
## M HOT SURFACE

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.

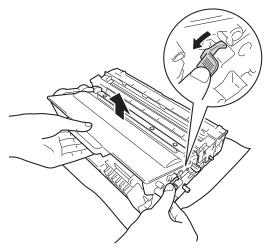


### Important

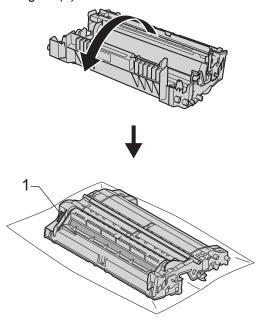
- We recommend that you put the drum unit and toner cartridge assembly on a piece of disposable paper or cloth in case you accidentally spill or scatter toner.
- Handle the drum unit and toner cartridge assembly carefully. If toner scatters on your hands or clothes, immediately wipe or wash it off with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



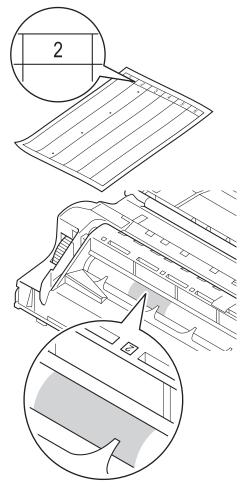
6 Push down the green lock lever and take the toner cartridge out of the drum unit.



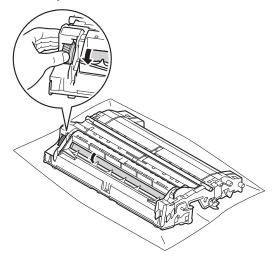
7 Turn the drum unit as shown in the illustration. Make sure that the drum unit gear (1) is on the left hand side.



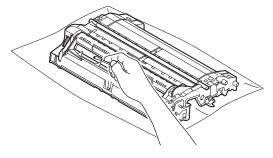
8 Use the numbered markers next to the drum roller to find the mark. For example, a dot in column 2 on the check sheet would mean that there is a mark in the "2" region of the drum.



9 Turn the drum unit gear toward you by hand while checking the surface of the suspected area.



When you have found the mark on the drum that matches the drum dot check sheet, wipe the surface of the drum gently with a cotton swab until the mark on the surface comes off.

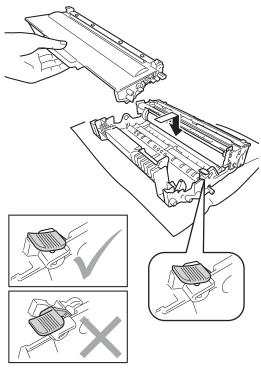


Important

DO NOT clean the surface of the photosensitive drum with a sharp object or any liquids.

11 Turn the drum unit back over.

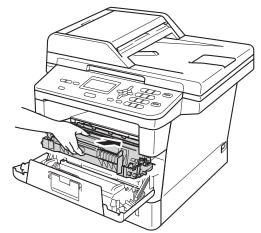
Put the toner cartridge back into the drum unit until you hear it lock into place. If you put the cartridge in correctly, the green lock lever will lift automatically.



**Note** 

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

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



- Close the front cover of the machine.
- 15 Turn on the machine's power switch.

## Cleaning the paper pick-up rollers

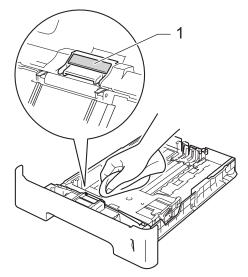
Cleaning the paper pick-up roller periodically may prevent paper jams by ensuring the proper feeding of the paper.

If you have paper feed problems, clean the pick-up rollers as follows:

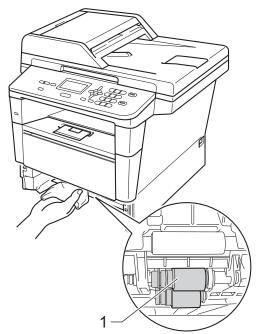
- 1 Turn off the machine's power switch.
- Disconnect all cables, and then unplug the power cord from the AC power outlet.
- 3 Pull the paper tray completely out of the machine.



4 Tightly wring out a lint-free cloth soaked in lukewarm water, and then wipe the separator pad (1) of the paper tray with it to remove dust.



Wipe the two pick-up rollers (1) inside of the machine to remove dust.



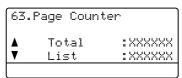
- 6 Put the paper tray back in the machine.
- Plug the machine's power cord back into the AC power outlet.

8 Turn on the machine's power switch.

## **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.



- Press A or V 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 <b>∆V</b> or OK

- Press A or V to choose 1.Drum, 2.Fuser, 3.Laser, 4.PF Kit MP, 5.PF Kit 1 or 6.PF Kit 2<sup>1</sup>. Press OK.
- 3 Press Stop/Exit.
- 1 If the optional lower tray is installed on DCP-8150DN or DCP-8155DN.



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 <sup>1</sup> for PF Kit MP and 100,000 pages <sup>1</sup> for PF Kit 1, PF Kit 2 <sup>2</sup>, Fuser and Laser. Please call Brother Customer Service when the following messages appear on the LCD.

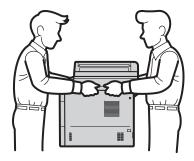
LCD message	Description
Replace Parts	Replace the fuser unit.
Fuser Unit	
Replace Parts	Replace the laser unit.
Laser Unit	
Replace Parts	Replace the paper feeding
PF Kit 1	kit for the paper tray.
Replace Parts	Replace the paper feeding
PF Kit 2 <sup>2</sup>	kit for the lower tray (option).
Replace Parts	Replace the paper feeding
PF Kit MP	kit for the multi-purpose tray.

- Letter or A4 size single-sided pages.
- If the optional lower tray is installed on DCP-8150DN or DCP-8155DN.

## Packing and shipping the machine

### **A WARNING**

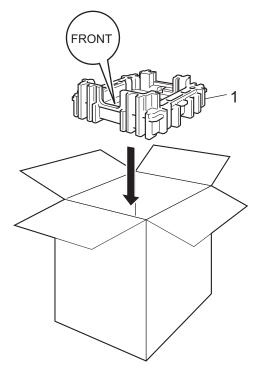
This machine is heavy and weighs more than 34.4 lb (15.6 kg). To prevent possible injuries at least two people should lift the machine. (except DCP-8110DN) Be careful not to pinch your fingers when you put the machine down.



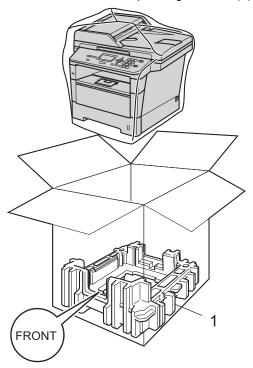
If you use a Lower Tray, DO NOT carry the machine with the Lower Tray as you may be injured or cause damage to the machine because it is not attached to the Lower Tray.

## Note

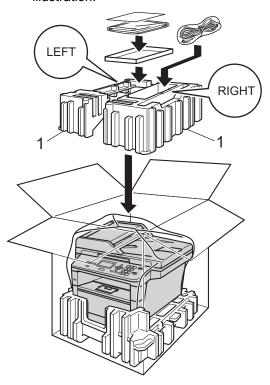
- If for any reason you must ship your machine, carefully repack the machine in the original packaging to avoid any damage during transit. The machine should be adequately insured with the carrier.
- If you are returning your machine to Brother as part of the Exchange Service, pack only the machine. Keep all separate parts, including the drum unit, the toner cartridge, and printed materials to use with your 'Exchange' machine.
- 1 Turn off the machine. Leave the machine turned off for at least 10 minutes to cool down.
- Disconnect all the cables, and then unplug the power cord from the AC power outlet.
- Put the packing material (1) into the carton.



Wrap the machine in a plastic bag. Put the machine on the packing material (1).



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.

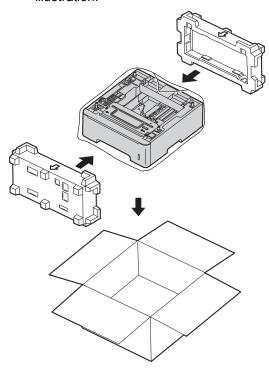


Note

If you are returning your machine to Brother as part of the Exchange Service, pack only the machine. Keep all separate parts, including the drum unit, toner cartridge, and printed materials to use with your 'Exchange' machine.

6 Close the carton and tape it shut.

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



## **Options**

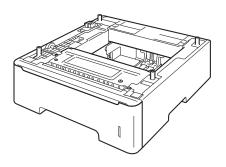
## **Options**

This machine has the following optional accessories. You can increase the capabilities of the machine with these items.

### Lower tray unit <sup>1</sup>

LT-5400

#### **SO-DIMM** memory



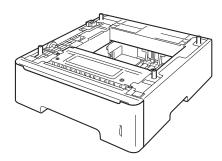


<sup>&</sup>lt;sup>1</sup> The lower tray unit is available for DCP-8150DN and DCP-8155DN.

# Optional paper tray (LT-5400)

An optional lower tray can be installed on the DCP-8150DN and DCP-8155DN, and it can hold up to 500 sheets of 20 lb / 80 g/m<sup>2</sup> 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.

### **A 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 and DCP-8150DN have 64 MB of standard memory, and DCP-8155DN has 128 MB. All models have one slot for optional memory expansion. You can increase the memory up to maximum of 320 MB for DCP-8110DN and DCP-8150DN, and 384 MB for DCP-8155DN by installing one SO-DIMM (Small Outline Dual In-line Memory Module).

## **SO-DIMM Types**

For information regarding memory for your Brother machine please visit us at: http://www.brother-usa.com/support/memory/

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

Туре	144-pin and 16-bit output
CAS latency	4
Clock frequency	267 MHz (533 Mb/S/Pin) or more
Capacity	256 MB
Height	1.18 in. (30.0 mm)
DRAM type	DDR2 SDRAM



- 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.

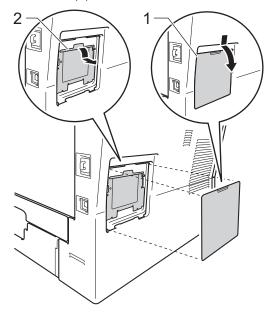
## **Installing extra memory**

- 1 Turn off the machine's power switch.
- Disconnect the interface cable from the machine, and then unplug the power cord from the AC power outlet.



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

Remove the plastic (1) and then metal (2) SO-DIMM covers.

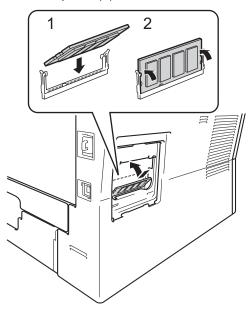


4 Unpack the SO-DIMM and hold it by its edges.

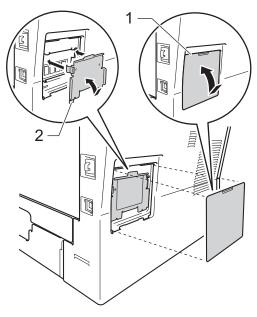
### Important

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

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).



6 Put the metal (2) and then the plastic (1) SO-DIMM covers back on.



- 7 Plug the machine's power cord back into the AC power outlet first, and then connect the interface cable.
- 8 Turn on the machine's power switch.



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.)

## 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  $203 \times 196$  dpi. It is used for small print and graphs.

#### **Gray Scale**

The shades of gray 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.

# Index

A	IVI
Apple Macintosh See Software User's Guide.	Machine information checking remaining life of parts
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Brother International Corporation 100 Somerset Corporate Boulevard P.O. Box 6911 Bridgewater, NJ 08807-0911 USA

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