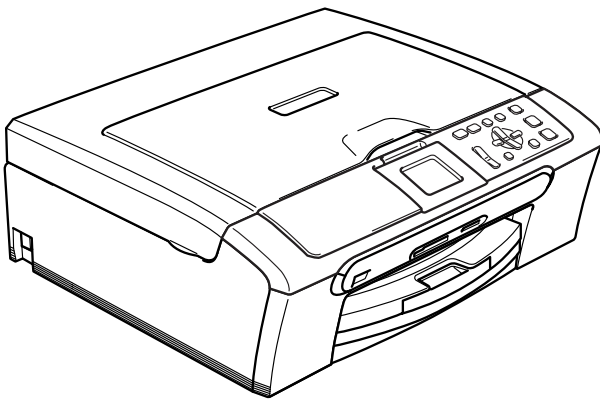


USER'S GUIDE



DCP-330C
DCP-540CN

EC Declaration of Conformity under the R & TTE Directive



EC Declaration of Conformity

Manufacturer

Brother Industries, Ltd.
15-1, Naeshiro-cho, Mizuho-ku, Nagoya 467-8561, Japan

Plant

Brother Industries (Shen Zhen) Ltd
G02414-1, Bao Chang Li Bonded Transportation Industrial Park,
Bao Long Industrial Estate, Longgang, Shenzhen, China

Herewith declare that:

Products description : Copier Printer
Model Name : DCP-330C, DCP-540CN

are in conformity with provisions of the Directives applied : Low Voltage Directive 73/23/EEC (as amended by 93/68/EEC) and the Electromagnetic Compatibility Directive 89/336/EEC (as amended by 91/263/EEC and 92/31/EEC and 93/68/EEC).

Standards applied :

Harmonized : Safety EN60950-1:2001+A11:2004

EMC EN55022: 1998 +A1: 2000 +A2: 2003 Class B
EN55024: 1998 +A1: 2001 +A2: 2003
EN61000-3-2: 2000
EN61000-3-3: 1995 +A1: 2001

Year in which CE marking was first affixed : 2006

Issued by : Brother Industries, Ltd.

Date : 28th April, 2006

Place : Nagoya, Japan

Signature :

A handwritten signature in black ink, reading "Takashi Maeda".

Takashi Maeda
Manager
Quality Management Group
Quality Management Dept.
Information & Document Company

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General

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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.

Bold Bold typeface identifies specific
keys on the machine control
panel.

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

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



Warnings tell you what to do to
prevent possible personal injury.



Electrical Hazard icons alert you to
possible electrical shock.



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



Cautions specify procedures you
must follow or avoid to prevent
possible damage to the machine or
other objects.

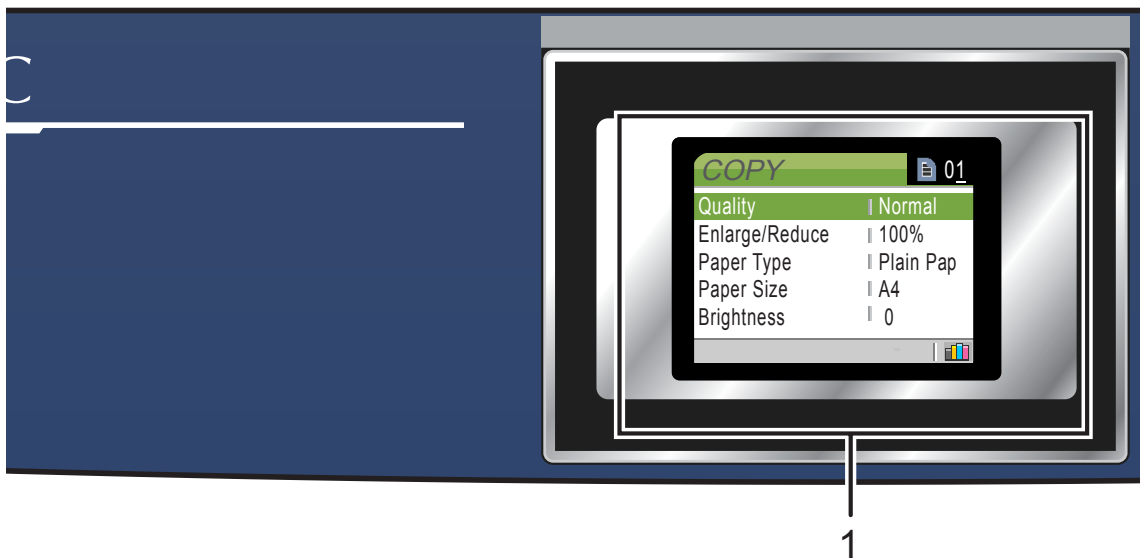


Notes tell you how you should
respond to a situation that may arise
or give tips about how the operation
works with other features.



Improper Setup icons alert you to
devices and operations that are not
compatible with the machine.

Control panel overview



1 LCD (liquid crystal display)

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

Also, you can adjust the angle of the LCD display by lifting it.

2 Number of Copies

Use this key to make multiple copies.

3 Menu keys:

- ◀ or ▶

Press to scroll backward or forward to a menu selection.

- ▲ or ▼

Press to scroll through the menus and options.

- **Menu**

Lets you access the main menu.

- **OK**

Lets you select a setting.

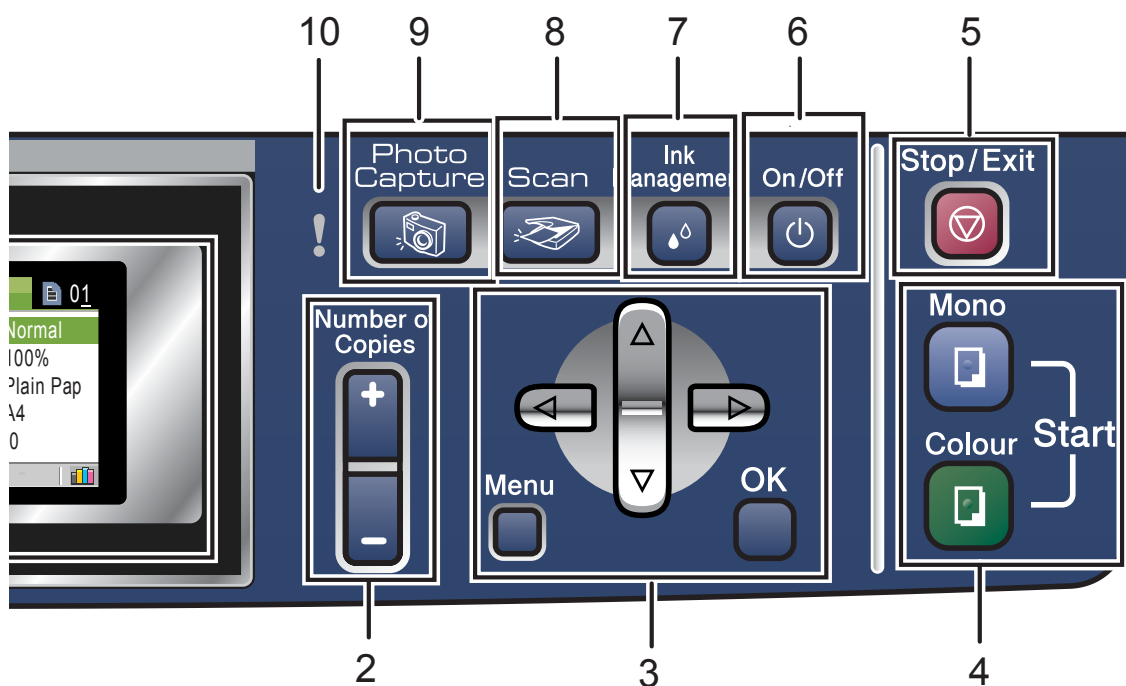
4 Start keys:

-  **Colour Start**

Lets you start making copies in full colour. Also lets you start a scanning operation (in colour or mono, depending on the scanning setting in the ControlCenter software).

-  **Mono Start**

Lets you start making copies in monochrome. Also lets you start a scanning operation (in colour or mono, depending on the scanning setting in the ControlCenter software).



5 **Stop/Exit**

Stops an operation or exits from a menu.

6 **On/Off**

You can turn the machine on or off.

If you turn the machine off, it will still periodically clean the print head to maintain print quality.

7 **Ink Management**

Lets you clean the print head, check the print quality, and check the available ink volume.

8 **Scan**

Lets you access Scan mode.

9 **PhotoCapture**

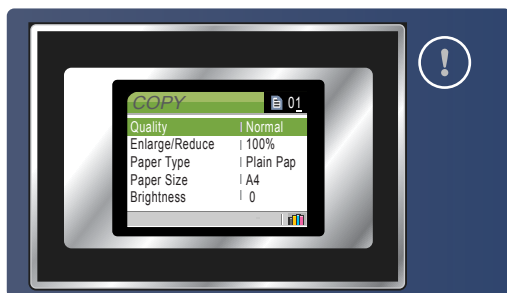
Lets you access PhotoCapture Center™ mode.

10 **Warning LED**

Turns red when the LCD displays an error or an important status message.

Warning LED indications

The status LED (Light Emitting Diode) is a light that shows the DCP status. The LCD shows the current machine status when the machine is idle.



LED	DCP status	Description
! Off	Ready	The DCP is ready for use.
! Red	Cover open	The cover is open. Close the cover. (See <i>Error messages</i> on page 32.)
	Ink empty	Replace the Ink cartridge with a new one. (See <i>Replacing the ink cartridges</i> on page 36.)
	Paper error	Put paper in the tray or clear the paper jam. Check the LCD message. (See <i>Error messages</i> on page 32.)
	Other messages	Check the LCD message. (See <i>Error messages</i> on page 32.)

Printing Reports

The following reports are available:

- Help List
- User Settings
- Network config. (DCP-540CN only)

How to print a report

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Print Reports**. Press **OK**.
- 3 Press **▲** or **▼** to choose the report you want. Press **OK**.
- 4 Press **Mono Start**.

2

Loading documents and paper

Loading documents

Using the ADF (DCP-540CN only)

The ADF can hold up to 10 pages and feeds each sheet individually. Use standard 80 g/m² (20 lb) paper and always fan the pages before putting them in the ADF.

Recommended environment

Temperature:	20 to 30° C (68 to 86° F)
Humidity:	50% to 70%
Paper:	80 g/m ² A4 (20 lb LTR)

Document Sizes Supported

Length:	148 to 355.6 mm (5.8 to 14 in.)
Width:	148 to 215.9 mm (5.8 to 8.5 in.)
Weight:	64 to 90 g/m ² (17 to 24 lb)

How to load documents

! CAUTION

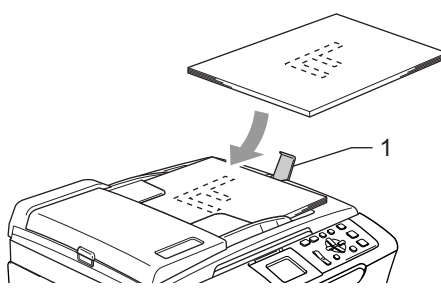
DO NOT pull on the document while it is feeding.

DO NOT use paper that is curled, wrinkled, folded, ripped, stapled, paper clipped, pasted or taped.

DO NOT use cardboard, newspaper or fabric.

- Make sure documents written with ink are completely dry.

- 1 Fan the pages well. Make sure you put the documents **face down, top edge first** in the ADF until you feel them touch the feed roller.
- 2 Adjust the paper guides to fit the width of your documents.
- 3 Unfold the ADF Document Output Support Flap (1).



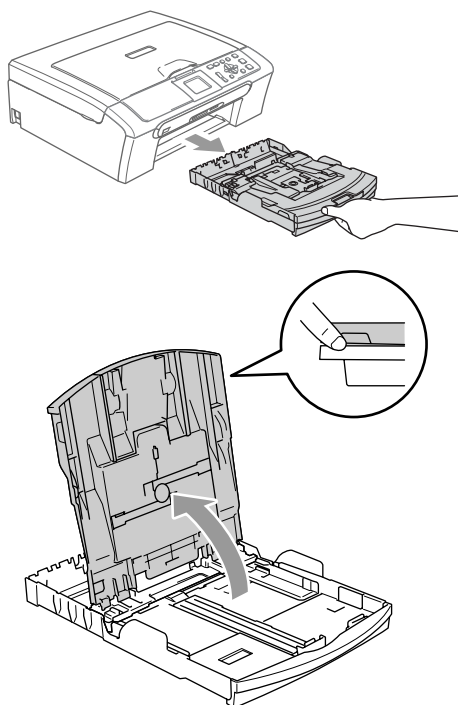
! CAUTION

DO NOT leave thick documents on the scanner glass. If you do this, the ADF may jam.

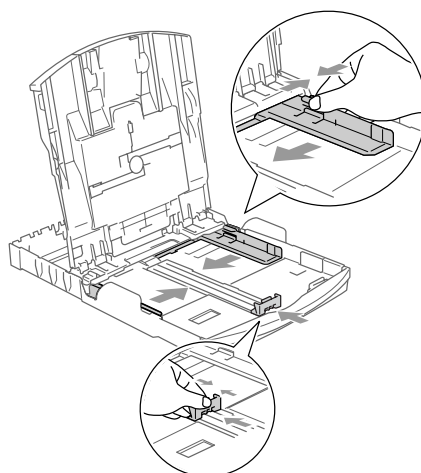
Loading paper, envelopes and other media

Loading paper and other media

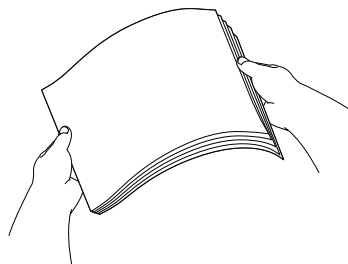
1



2

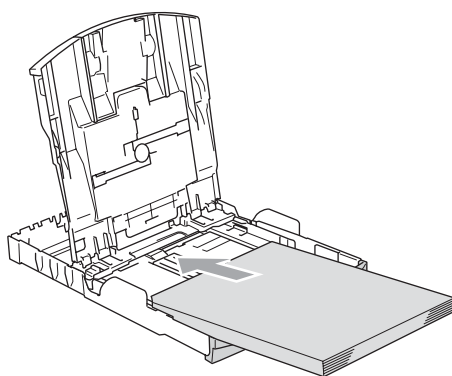


3



4

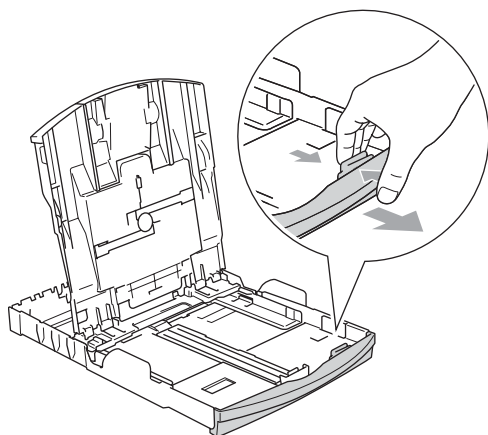
Check that the paper is flat in the tray.





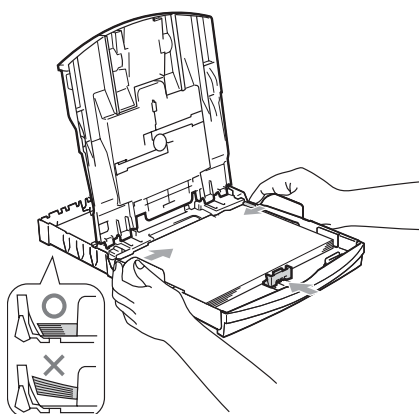
Note

When you use Legal size paper, press and hold the universal guide release button as you slide out the front of the paper tray.



5

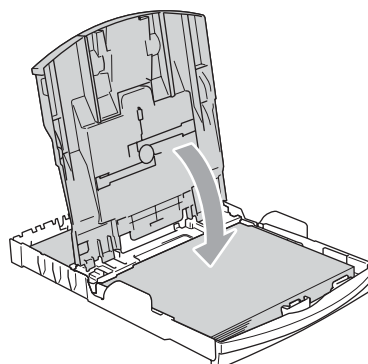
Gently adjust the paper side guides with both hands and the paper length guide to the paper.



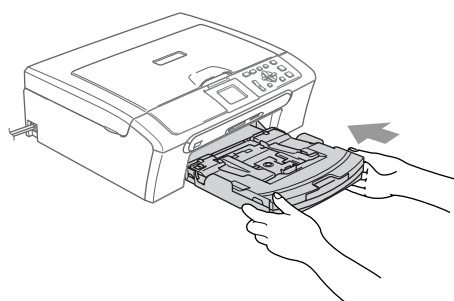
Note

Be careful that you do not push the paper in too far; it may lift at the back of the tray and cause feed problems.

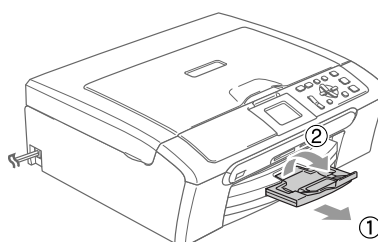
6



7



8



Paper settings

Paper Type

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **General Setup**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Paper Type**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Plain Paper**, **Inkjet Paper**, **Brother Photo**, **Other Photo** or **Transparency**. Press **OK**.
- 5 Press **Stop/Exit**.



Note

When you use transparencies or glossy paper, remove each sheet at once to prevent smudging or paper jams.

Paper Size

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **General Setup**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Paper Size**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Letter**, **Legal**, **A4**, **A5** or **10×15cm**. Press **OK**.
- 5 Press **Stop/Exit**.

LCD display

LCD Contrast

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **General Setup**. Press **OK**.
- 3 Press **▲** or **▼** to choose **LCD Settings**. Press **OK**.
- 4 Press **▲** or **▼** to choose **LCD Contrast**. Press **OK**.
- 5 Press **▲** or **▼** to choose **Light**, **Med** or **Dark**. Press **OK**.
- 6 Press **Stop/Exit**.

Setting the backlight brightness

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **General Setup**. Press **OK**.
- 3 Press **▲** or **▼** to choose **LCD Settings**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Backlight**. Press **OK**.
- 5 Press **▲** or **▼** to choose **Light, Med or Dark**. Press **OK**.
- 6 Press **Stop/Exit**.

Setting the Dim Timer for the backlight

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **General Setup**. Press **OK**.
- 3 Press **▲** or **▼** to choose **LCD Settings**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Dim Timer**. Press **OK**.
- 5 Press **▲** or **▼** to choose **10 Secs, 20 Secs, 30 Secs or Off**. Press **OK**.
- 6 Press **Stop/Exit**.

Setting the Off Timer

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **General Setup**. Press **OK**.
- 3 Press **▲** or **▼** to choose **LCD Settings**. Press **OK**.
- 4 Press **▲** or **▼** to choose **Off Timer**. Press **OK**.
- 5 Press **▲** or **▼** to choose **1 Min, 2 Mins, 3 Mins, 5 Mins, 10 Mins, 30 Mins or Off**. Press **OK**.
- 6 Press **Stop/Exit**.



Copy

Making copies

12

4

Making copies

How to copy

Making a single copy

- 1 Load your document.
(See *Loading documents* on page 6.)
- 2 Press **Mono Start** or **Colour Start**.

Making multiple copies

You can make up to 99 copies.

- 1 Load your document.
- 2 Press **+** or **-** repeatedly until the number of copies you want appears (up to 99).
- 3 Press **Mono Start** or **Colour Start**.

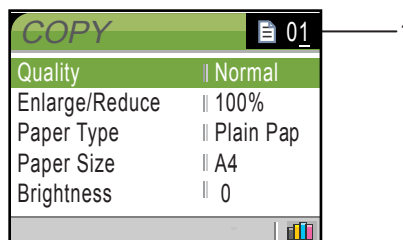


Note

To sort the copies, press **▲** or **▼** to choose *Stack/Sort*.

Copy options

You can change the copy settings from the default display. The LCD shows:



1 No of Copies

You can enter the number of copies you want by pressing **+** or **-** repeatedly.

Press **▲** or **▼** to scroll through the copy options menu.

When the option you want is highlighted, press **OK**.

The machine returns to its default settings after 60 seconds.



Direct Photo Printing

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Printing photos from a memory card

PhotoCapture Center™ Operations

Using memory cards



CompactFlash®



Memory Stick®
Memory Stick Pro™



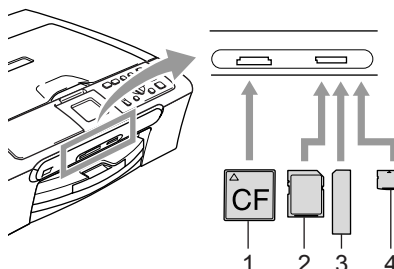
SecureDigital™
MultiMediaCard™



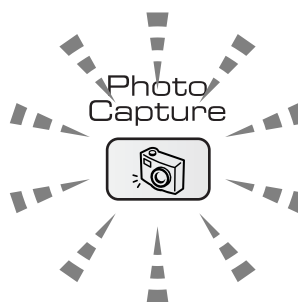
xD-Picture Card™

- miniSD™ can be used with a miniSD™ adapter.
- Memory Stick Duo™ can be used with a Memory Stick Duo™ adapter.
- Memory Stick Pro Duo™ can be used with a Memory Stick Pro Duo™ adapter.
- Adapters are not included with the machine. Contact a third party supplier for adapters.

Getting started



- 1 CompactFlash®
- 2 SecureDigital™, MultiMediaCard™
- 3 Memory Stick®, Memory Stick Pro™
- 4 xD-Picture Card™




- **PhotoCapture** light is on, the media card is properly inserted.
- **PhotoCapture** light is off, the media card is not properly inserted.
- **PhotoCapture** light is blinking, the media card is being read or written to.

The machine can only read one media card at a time so do not put more than one card in the slot.

Print Images


View Photo(s)

- 1 Make sure you have put the media card in the correct slot.
Press  (**PhotoCapture**).
- 2 Press ▲ or ▼ to choose View Photo(s).
Press **OK**.
- 3 Press ◀ or ▶ to choose your photo.
- 4 Press + or - repeatedly to enter the number of copies you want.
- 5 Repeat step 3 and step 4 until you have chosen all the photos.
- 6 After you have chosen all the photos, do one of the following:
 - Press **OK** and change the print setting.
 - If you do not want to change any settings, press **Colour Start** to print.

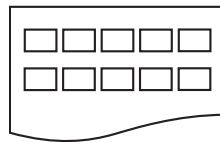
Print Index (Thumbnails)

The PhotoCapture Center™ assigns numbers for images (such as No.1, No.2, No.3, and so on).

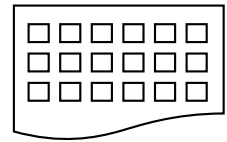


- 1 Make sure you have put the media card in the correct slot.
Press  (**PhotoCapture**).
- 2 Press ▲ or ▼ to choose Print Index.
Press **OK**.

- 3 Press ▲ or ▼ to choose
6 Images/Line Fast or
5 Images/Line Photo.
Press **OK**.




5 Images/Line
Photo




6 Images/Line
Fast

- 4 Press **Colour Start** to print.


Print All Photos

- 1 Make sure you have put the media card in the correct slot.
Press  (**PhotoCapture**).
- 2 Press ▲ or ▼ to choose Print All Photos.
Press **OK**.
- 3 Press + or - repeatedly to enter the number of copies you want.
- 4 Do one of the following:
 - Change the print setting.
 - If you do not want to change any settings, press **Colour Start** to print.

Print Photos

- 1 Make sure you have put the media card in the correct slot.
Press  (**PhotoCapture**).
- 2 Print the Index. (See *Print Index (Thumbnails)* on page 15.)
- 3 Press ▲ or ▼ to choose *Print Photos*.
Press **OK**.
- 4 Press + repeatedly to enter the image number that you want to print from the Index page (Thumbnails).
If you want to choose a two digit number, press ► to move the cursor to the next digit.
(For example, enter 1, ►, 6 to print image No.16.)
Press **OK**.
- 5 Repeat step 4 until you have entered all the image numbers that you want to print.
- 6 After you have chosen all the image numbers, press **OK** again.
- 7 Press + or - repeatedly to enter the number of copies you want. Press **OK**.
- 8 Do one of the following:
 - Change the print setting.
 - If you do not want to change any settings, press **Colour Start** to print.

DPOF printing

- 1 Make sure you have put the media card into the correct slot.
Press  (**PhotoCapture**). The machine will ask you if you want to use DPOF setting.
- 2 Press + to choose *Yes*.
- 3 Do one of the following:
 - Change the print settings.
 - If you do not want to change any settings, press **Colour Start** to print.



Before Using PictBridge

PictBridge requirements

To avoid errors, remember the following points:

- The machine and the digital camera must be connected using a suitable USB cable.
- The image file extension must be .JPG (Other image file extensions like .JPEG, .TIF, .GIF and so on will not be recognized).
- PhotoCapture Center operations are not available when using the PictBridge feature.



Appendixes

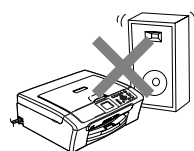
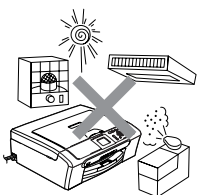
Safety and Legal	20
Troubleshooting and Routine Maintenance	28
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Choosing a location

Put your machine on a flat, stable surface that is free of vibration and shocks, such as a desk. Put the machine near a standard, grounded electrical socket. Choose a location where the temperature remains between 10° and 35° C (50° F and 95° F).

CAUTION

- Avoid placing your machine in a high-traffic area.
- Avoid placing your machine on carpet.
- DO NOT put the machine near heaters, air conditioners, refrigerators, medical equipment, chemicals or water.
- DO NOT expose the machine to direct sunlight, excessive heat, moisture, or dust.
- DO NOT connect your machine to electrical sockets controlled by wall switches or automatic timers.
- Disruption of power can wipe out information in the machine's memory.
- Do not connect your machine to electrical sockets on the same circuit as large appliances or other equipment that might disrupt the power supply.
- Avoid interference sources, such as speakers or the base units of cordless phones.



To use the machine safely

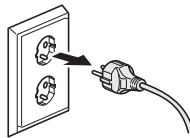
Please keep these instructions for later reference and read them before attempting any maintenance.



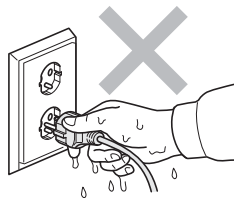
WARNING



There are high voltage electrodes inside the machine. Before you clean the inside of the machine, make sure you have unplugged the power cord from the electrical socket. Doing this will prevent an electrical shock.



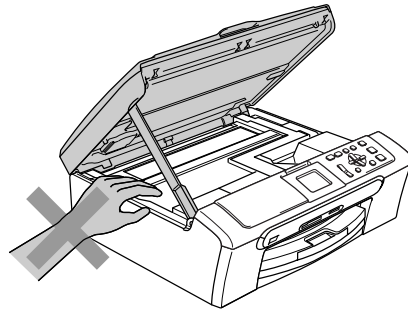
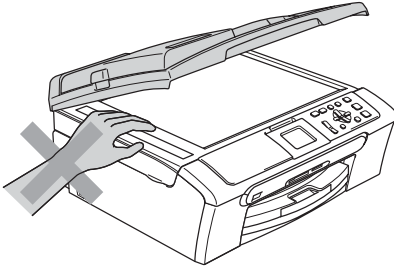
DO NOT handle the plug with wet hands. Doing this might cause an electrical shock.



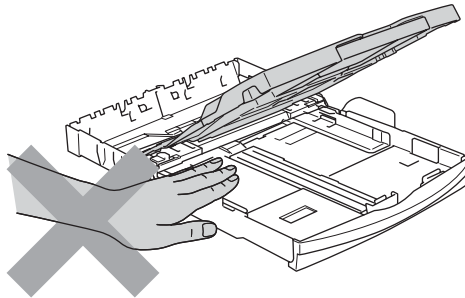
DO NOT pull in the middle of the power cord. Doing this might cause an electrical shock.



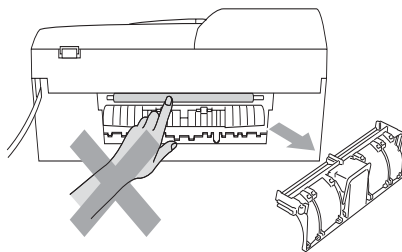
DO NOT put your hands on the edge of the machine under the document cover or the scanner cover. This may cause injury.



DO NOT put your hands on the edge of the paper tray under the output paper tray cover. Doing this may cause injury.

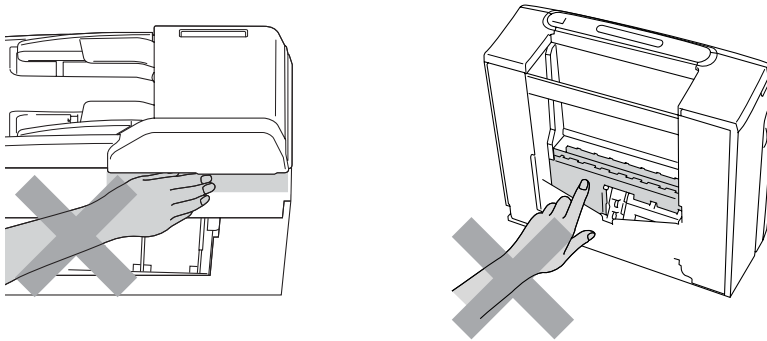


DO NOT touch the paper feed roller. Doing this may cause injury.

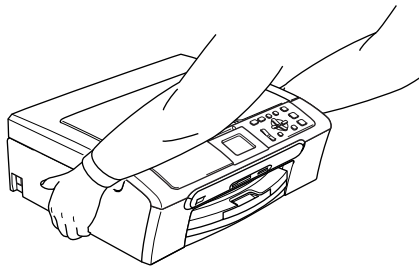




DO NOT touch the area shaded in the illustration. Doing this may cause injury.



When moving the machine you must lift it from the base, by placing a hand at each side of the unit as shown in the illustration. Do not carry the machine by holding the scanner cover.



If the machine becomes hot, releases smoke, or generates any strong smells, immediately turn off the power switch and unplug the machine from the electrical socket. Call your Brother dealer or Brother Customer Service.

If metal objects, water or other liquids get inside the machine, immediately turn off the power switch and unplug the machine from the electrical socket. Call your Brother dealer or Brother Customer Service.



WARNING

- This product must be installed near an electrical socket that is easily accessible. In case of an emergency, you must unplug the power cord from the electrical socket to shut off the power completely.
- Always make sure the plug is fully inserted.

Important safety instructions

- 1 Read all of these instructions.
- 2 Save them for later reference.
- 3 Follow all warnings and instructions marked on the product.
- 4 Unplug this product from the wall socket before cleaning the inside of the machine. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- 5 Do not use this product near water.
- 6 Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
- 7 Slots and openings in the cabinet and the back or bottom are provided for ventilation. To ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heater. This product should never be placed in a built-in installation unless adequate ventilation is provided.
- 8 This product should be operated from the type of power source indicated on the label. If you are not sure of the type of power available, call your dealer or local power company.
- 9 Use only the power cord supplied with this machine.
- 10 This product is equipped with a 3-wire grounded plug, a plug having a third (grounded) pin. This plug will only fit into a grounded power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, call your electrician to replace your obsolete outlet. Do not defeat the purpose of the grounded plug.
- 11 Do not allow anything to rest on the power cord. Do not place this product where people can walk on the cord.
- 12 Do not place anything in front of the machine that will block printing. Do not place anything in the path of printing.
- 13 Wait until pages have exited the machine before picking them up.
- 14 Unplug this product from the power socket and refer all servicing to Brother Authorized Service Personnel under the following conditions:
 - When the power cord is damaged or frayed.
 - If liquid has been spilled into the product.
 - If the product has been exposed to rain or water.
 - If the product does not operate normally when the operating instructions are followed, adjust only those controls that are covered by the operating instructions. Incorrect adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - If the product has been dropped or the casing has been damaged.
 - If the product exhibits a distinct change in performance, indicating a need for service.

15 To protect your product against power surges, we recommend the use of a power protection device (Surge Protector).

16 To reduce the risk of fire, electric shock and injury to people, note the following:

- Do not use this product near appliances that use water, a swimming pool, or in a wet basement.
- Do not use the machine during an electrical storm (there is the remote possibility of an electrical shock) or to report a gas leak in the vicinity of the leak.

IMPORTANT - For your safety

To ensure safe operation, the supplied three-pin plug must be inserted only into a standard three-pin electrical socket that is effectively grounded through the normal household wiring.

The fact that the equipment operates satisfactorily does not imply that the power is grounded and that the installation is completely safe. For your safety, if in any doubt about the effective grounding of the power, consult a qualified electrician.

LAN connection (DCP-540CN only)

CAUTION

DO NOT connect this product to a LAN connection that is subject to over-voltages.

EU Directive 2002/96/EC and EN50419



European Union Only

This equipment is marked with the above recycling symbol. It means that at the end of the life of the equipment you must dispose of it separately at an appropriate collection point and not place it in the normal domestic unsorted waste stream. This will benefit the environment for all.
(European Union only)

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- Postage Stamps (cancelled or uncanceled)
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- Cheques or Drafts drawn by Governmental Agencies
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Troubleshooting

If you are having difficulty with your machine

Printing

Difficulty	Suggestions
No printout	Check the interface cable on both the machine and your computer. (See the <i>Quick Setup Guide</i> .)
	Make sure the machine is plugged in and not in Power Save mode.
	One or more ink cartridges are empty. (See <i>Replacing the ink cartridges</i> on page 36.)
	Check to see if the LCD is showing an error message. (See <i>Error messages</i> on page 32.)
	Check that the correct printer driver has been installed and chosen.
	Make sure that the machine is online. Click Start and then Printers and Faxes . Right-click and choose Brother DCP-XXXX (where XXXX is your model name), and make sure that Use Printer Offline is unchecked.
Poor print quality	Check the print quality. (See <i>Checking the print quality</i> on page 38.)
	Make sure that the Media Type setting in the printer driver or the Paper Type setting in the machine's menu matches the type of paper you are using. (See <i>Printing for Windows®</i> in the Software User's Guide on the CD-ROM.)
	Make sure that your ink cartridges are fresh. The following may cause ink to clog: <ul style="list-style-type: none"> ■ The expiration date written on the cartridge package has passed. (Cartridges stay usable for up to two years if kept in their original packaging.) ■ The ink cartridge was in your machine over six months. ■ The ink cartridge may not have been stored properly before use.
	Try using the recommended types of paper.
	The recommended environment for your machine is between 20° C to 33° C (68° F to 91° F).
White horizontal lines appear in text or graphics.	Clean the print head. (See <i>Cleaning the print head</i> on page 38.)
	Try using the recommended types of paper.
	If you want to print on Photo L or 10 × 15 cm paper, make sure you use the photo paper tray.
The machine prints blank pages.	Clean the print head. (See <i>Cleaning the print head</i> on page 38.)
Characters and lines are stacked.	Check the printing alignment. (See <i>Checking the printing alignment</i> on page 39.)
Printed text or images are skewed.	Make sure the paper is loaded properly in the paper tray and the paper side guide is adjusted correctly. (See <i>Loading paper and other media</i> on page 7.)
	Make sure the Jam Clear Cover is set properly.
Smudged stain at the top center of the printed page.	Make sure the paper is not too thick or curled.
Printing appears dirty or ink seems to run.	Make sure you are using the recommended types of paper. Don't handle the paper until the ink is dry.

Printing (Continued)

Difficulty	Suggestions
Stains appear on the reverse side or at the bottom of the page.	Make sure the printer platen is not dirty with ink.
	Make sure you are using the paper support flap. (See <i>Loading paper and other media</i> on page 7.)
The machine prints dense lines on the page.	Check Reverse Order in the Basic tab of the printer driver.
The printouts are wrinkled.	In the printer driver Basic tab, click Settings , and uncheck Bi-Directional Printing .
Cannot perform '2 in 1 or 4 in 1' 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. Try the other quality settings in the printer driver Basic tab. Also, click the Settings , and make sure you uncheck Colour Enhancement .
	Set the borderless feature off. Borderless printing is slower than normal printing. (See <i>Printing for Windows®</i> in the Software User's Guide on the CD-ROM.)
Colour Enhancement is not working properly.	If the image data is not full colour in your application (such as 256 colour), Colour Enhancement will not work. Use at least 24 bit colour data with the Colour Enhancement feature.
Machine feeds multiple pages.	Make sure the paper is loaded properly in the paper tray. (See <i>Loading paper and other media</i> on page 7.)
	Check that more than two types of paper are not loaded in the paper tray at any one time.
Printed pages are not stacked neatly.	Make sure you are using the paper support flap. (See <i>Loading paper and other media</i> on page 7.)
Printed pages re-feed and cause a paper jam.	Make sure you pull out the paper support until it clicks.
Machine does not print from Paint Brush.	Try setting the Display setting to '256 colours'.
Machine does not print from Adobe Illustrator.	Try to reduce the print resolution. (See <i>Printing for Windows®</i> in the Software User's Guide on the CD-ROM.)
Machine cannot print full pages of a document.	Reduce the print resolution. (See <i>Printing for Windows®</i> in the Software User's Guide on the CD-ROM.)
Out of memory message occurs.	Reduce the complexity of your document and try again. Reduce the graphic quality or the number of font sizes within your application software.

Copying Difficulties

Difficulty	Suggestions
Vertical streaks appear on copies.	If you see vertical streaks on copies, clean the scanner. (See <i>Cleaning the scanner</i> on page 38.)
Poor copy results when using the ADF. (DCP-540CN only)	Try using the scanner glass.

Scanning Difficulties

Difficulty	Suggestions
TWAIN/WIA errors appear while scanning.	Make sure the Brother TWAIN/WIA driver is chosen as the primary source. In PaperPort® SE with OCR, click File , Scan and choose the Brother TWAIN/WIA driver.
Poor scanning results when using the ADF.	Try using the scanner glass.

Software Difficulties

Difficulty	Suggestions
Cannot install software or print.	Run the Repair MFL-Pro Suite program on the CD-ROM. This program will repair and reinstall the software.
'Device Busy'	Make sure the machine is not showing an error message on the LCD.

PhotoCapture Center™ Difficulties

Difficulty	Suggestions
Removable Disk does not work properly.	<ol style="list-style-type: none">1 Have you installed the Windows® 2000 update? If not, do the following:<ol style="list-style-type: none">1) Unplug the USB cable.2) Install the Windows® 2000 update, and see the Quick Setup Guide. After the installation the PC will be automatically restarted.3) Wait about 1 minute after you restart the PC, and then connect the USB cable.2 Take out the memory card and put it back in again.3 If you have tried 'Eject' from within Windows®, take out the media card before you continue.4 If an error message appears when you try to eject the media card, it means the card is being accessed. Wait a while and then try again.5 If all of the above do not work, turn off your PC and machine, and then turn them on again. (You will have to unplug the power cord of the machine to turn it off.)
Cannot access Removable Disk from Desktop icon.	Make sure you have put the media card into the media slot.

Network Difficulties

Difficulty	Suggestions
Cannot print over the Network.	<p>Make sure that your machine is powered on and is online and in Ready mode. Print a Network Configuration list (see <i>Printing Reports</i> on page 5.) and check the current Network settings printed in this list. Reconnect the LAN cable to the hub to verify that the cabling and network connections are good. If possible, try connecting the machine to a different port on your hub using a different cable. If the connections are good, the machine shows LAN Active for 2 seconds.</p> <p>(If you are having Network problems, see the Network User's Guide for more information.)</p>

Network Difficulties (Continued)

Difficulty	Suggestions
The network scanning feature does not work.	<p>(For Windows® users only) The firewall setting on your PC may be rejecting the necessary network connection. Follow the instructions below to configure the Firewall. If you are using a personal Firewall software, see the User's Guide for your software or contact the software manufacturer.</p> <p><Windows® XP SP2 users></p> <ol style="list-style-type: none"> 1 Click the Start button, Control Panel and then Windows Firewall. Make sure that Windows Firewall on the General tab is set to On. 2 Click Advanced tab and Settings button in Network Connection Settings. 3 Click Add button, and in the Description of service field, enter any name. In the Name or IP Address field enter "localhost". In the internal and external port numbers fields enter 54925 for network scanning. Choose UDP and click OK. Repeat this step adding Port 137 for Windows®. 4 Make sure the new settings are added and the box is checked, and then click OK.
Your computer cannot find your machine.	<p><Windows® users></p> <p>The firewall setting on you PC may be rejecting the necessary network connection. For detail, see the instruction above.</p> <p><Macintosh® users></p> <p>Re-select your machine in the DeviceSelector application located in Macintosh HD/Library/Printers/Brother/Utilities or from the model of ControlCenter2.</p>

Error messages

Error Message	Cause	Action
Cover is Open	The scanner cover is not closed completely.	Lift the scanner cover and then close it again.
	The ink cartridge cover is not completely closed.	Firmly close the ink cartridge cover until it clicks.
Data Remaining	Print data is left in the machine's memory.	Re-start printing from your computer.
	Print data is left in the machine's memory. The USB cable was unplugged while the computer was sending the data to the machine.	Press Stop/Exit . The machine will cancel the job and clear it from the memory. Try to print again.
Document Jam	The document was not inserted or fed properly, or the document scanned from the ADF was too long.	See <i>Using the ADF (DCP-540CN only)</i> on page 6. See <i>Document jam (DCP-540CN only)</i> on page 34.
High Temperature	The print head is too warm.	Allow the machine to cool down.
Ink Empty	One or more of the ink cartridges is empty. The machine will stop all print operations.	Replace the ink cartridges. (See <i>Replacing the ink cartridges</i> on page 36.)
Low Temperature	The print head is too cold.	Allow the machine to warm up.
Media Error	The media card is either corrupted, improperly formatted, or there is a problem with the media card.	Put the card firmly into the slot again to make sure it is in the correct position. If the error remains, check the media drive by putting in another media card that you know is working.
Near Empty	One or more of the ink cartridges are running out of ink.	Order a new ink cartridge.
No Cartridge	An ink cartridge is not installed properly.	Take out the ink cartridge and put it in again seating it properly. (See <i>Replacing the ink cartridges</i> on page 36.)
No File	The media card in the media drive does not contain a .JPG file.	Put the correct media card into the slot again.
No Paper Fed	The machine is out of paper or paper is not properly loaded in the paper tray.	Do one of the following: <ul style="list-style-type: none"> ■ Refill the paper in the paper tray, and then press Mono Start or Colour Start. ■ Remove the paper and load it again and then press Mono Start or Colour Start.
	The paper is jammed in the machine.	See <i>Printer jam or paper jam</i> on page 35.

Error Message	Cause	Action
Out of Memory	The machine's memory is full.	<p>Copy operation in progress</p> <p>Press Stop/Exit and wait until the other operations in progress finish and then try again.</p> <p>Printing operation in progress</p> <p>Reduce print resolution. (For details, see <i>Printing for Windows®</i> in the Software User's Guide on the CD-ROM.)</p>
Paper Jam	Paper is jammed in the machine.	(See <i>Printer jam or paper jam</i> on page 35.)
Unable to Change XX Unable to Clean XX Unable to Init. XX Unable to Print XX Unable to Scan XX	The machine has a mechanical problem.	Disconnect the machine from the power for several minutes, then reconnect it.
Wrong Paper Size	Paper is not the correct size.	Load the correct size of paper (Letter, Legal or A4), and then press Mono Start or Colour Start .
Wrong USB device	A non-PictBridge compatible or broken device has been connected to the PictBridge port.	Unplug the device from the PictBridge port, then press On/Off to turn the machine off and then on again.

Changing LCD language

You can change the LCD language.

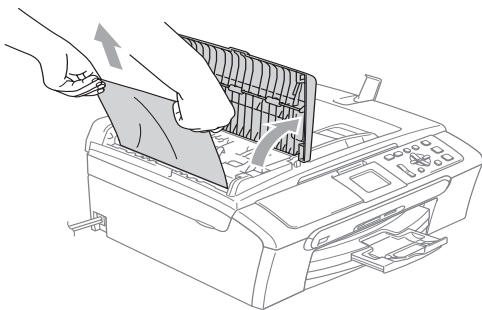
- 1 Press **Menu**
- 2 Press **▲** or **▼** to select **Initial Setup**. Press **OK**.
- 3 Press **▲** or **▼** to select **Local Language**. Press **OK**.
- 4 Press **▲** or **▼** to select your language. Press **OK**.
- 5 Press **Stop/Exit**.

Document jam (DCP-540CN only)

Documents can jam if they are not inserted or fed properly, or if they are too long. Follow the steps below to clear a document jam.

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



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

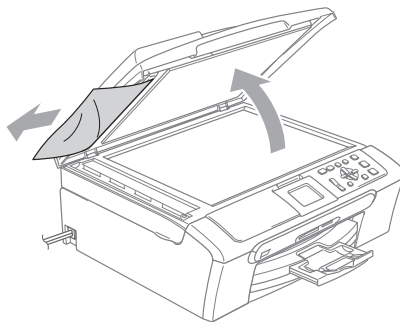


Note

To avoid future document jams close the ADF cover properly by pushing it gently in the middle.

Document is jammed inside the ADF unit

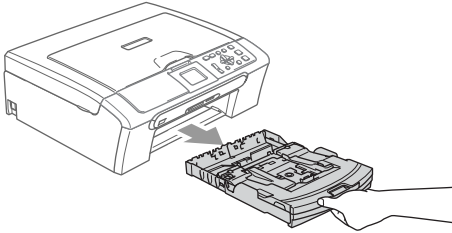
- 1 Take out any paper from the ADF that is not jammed.
- 2 Lift the document cover.
- 3



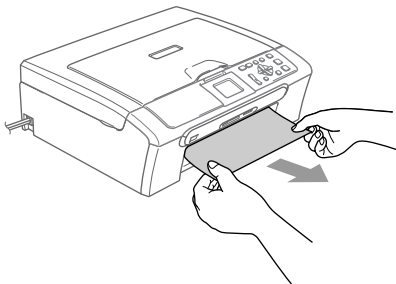
- 4 Close the document cover.
- 5 Press **Stop/Exit**.

Printer jam or paper jam

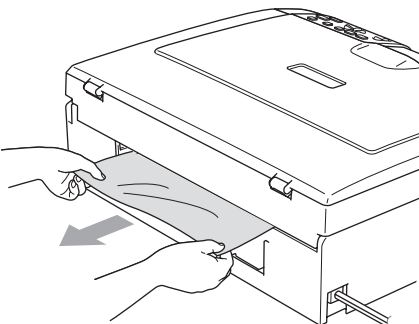
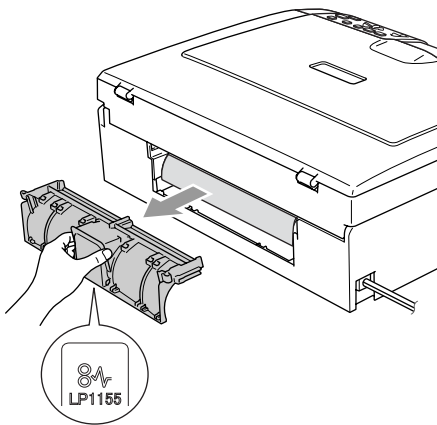
1



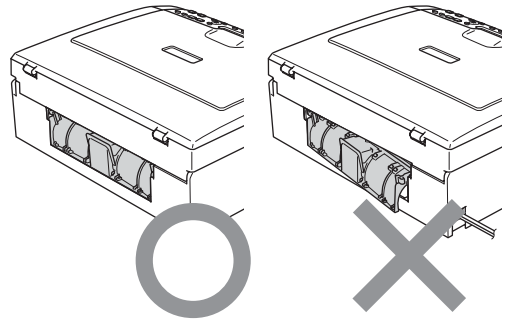
2



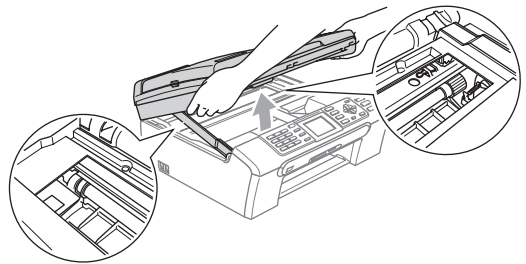
3



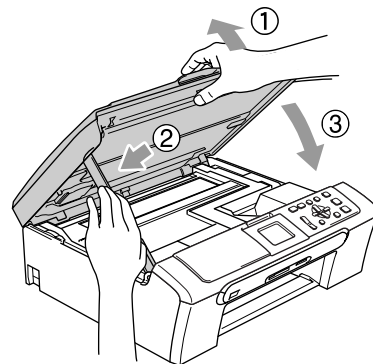
4



5



6



7

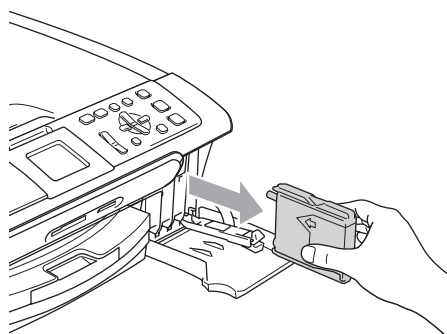
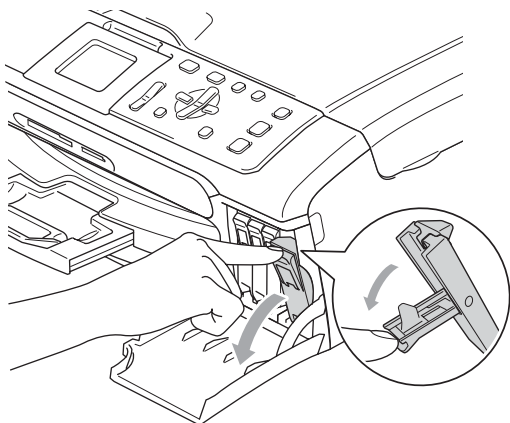
Push the paper tray firmly back into the machine.

Routine maintenance

Replacing the ink cartridges

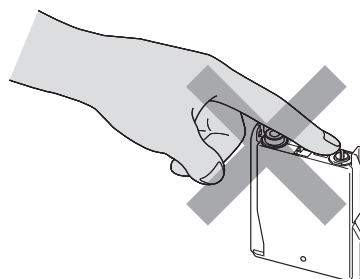
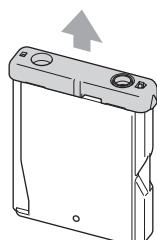
1 Open the ink cartridge cover.

2

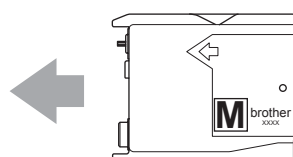


3 Open the new ink cartridge bag for the colour shown on the LCD, and then take out the ink cartridge.

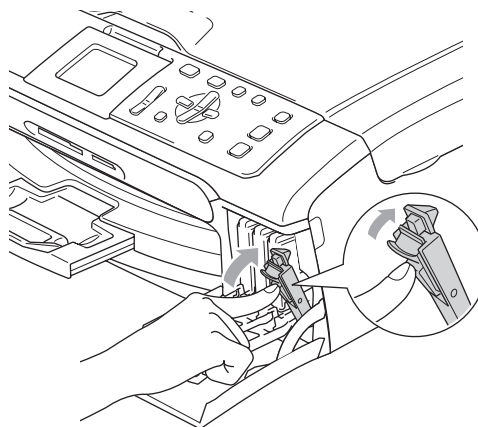
4



5



6



7 For each new cartridge you installed, press + (Yes) to automatically reset the ink dot counter for that colour.



WARNING

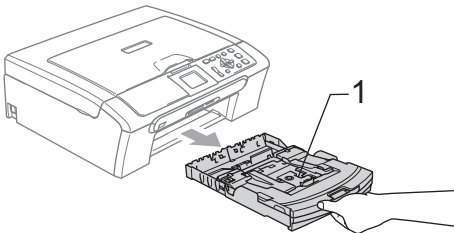
If ink gets in your eyes, wash them out with water at once and call a doctor if you are concerned.

! CAUTION

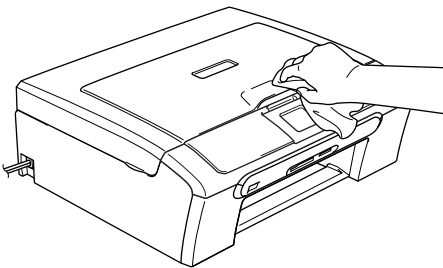
Brother multifunction machines are designed to work with ink of a particular specification and will work to a level of optimum performance when used with genuine Brother Branded ink cartridges. Brother cannot guarantee this optimum performance if ink or ink cartridges of other specifications are used. Brother does not therefore recommend the use of cartridges other than genuine Brother Branded cartridges or the refilling of empty cartridges with this machine or the refilling of empty cartridges with ink from other sources. If damage is caused to the print head or other parts of this machine as a result of using incompatible products with this machine, any repairs required as a result may not be covered by the warranty.

Clean the outside of the machine as follows:

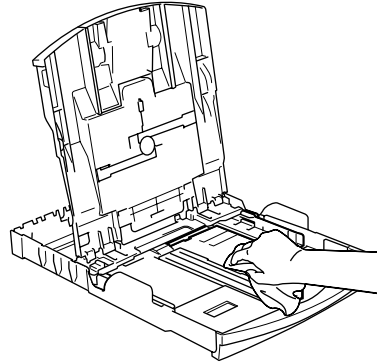
- 1 Pull the paper tray (1) completely out of the machine.



- 2 Wipe the outside of the machine with a soft cloth to remove dust.



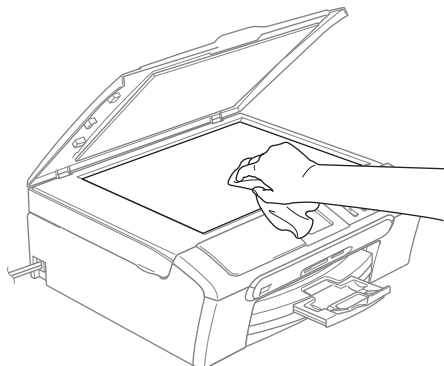
- 3 Lift the output paper tray cover and remove anything that is stuck inside the paper tray.
- 4 Wipe the inside and outside of the paper tray with a soft cloth to remove dust.



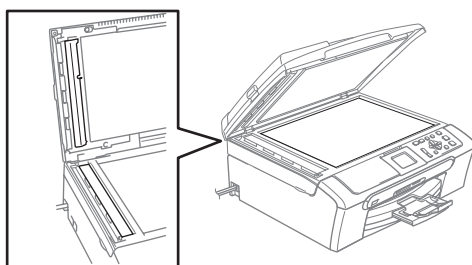
- 5 Close the output paper tray cover and put the paper tray firmly back in the machine.

Cleaning the scanner

1



2



Cleaning the print head

1

Press **Ink Management**.

2

Press ▲ or ▼ to choose **Cleaning**.
Press **OK**.

3

Press ▲ or ▼ to choose **Black**, **Color** or **All**.
Press **OK**.
The machine cleans the print head.
When cleaning is finished, the machine will go back to standby mode automatically.



Note

If you clean the print head at least five times and the print has not improved, call your Brother dealer.

Checking the print quality

1

Press **Ink Management**.

2

Press ▲ or ▼ to choose **Test Print**.
Press **OK**.

3

Press ▲ or ▼ to choose **Print Quality**.
Press **OK**.

4

Press **Colour Start**.

5

Check the quality of the four colour blocks on the sheet.

6

Do one of the following:

- If all lines are clear and visible, press + to choose **Yes**, and go to step 10.
- If you can see missing short lines as shown below, press - to choose **No**.

OK



Poor



7

The LCD asks you if the print quality is OK for black and three colours.
Press + (**Yes**) or - (**No**).

8

The LCD asks you if you want to start cleaning.
Press + (**Yes**).
The machine starts cleaning the print head.

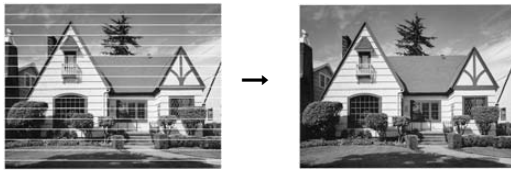
9

After cleaning is finished, press **Colour Start**.
The machine starts printing the Print Quality Check Sheet again and then returns to step 6.

- 10 Press **Stop/Exit**.
If you repeat this procedure at least five times and the print quality is still poor, replace the ink cartridge for the clogged colour.
After replacing the ink cartridge, check the print quality. If the problem still exists, repeat the cleaning and test print procedures at least five times for the new ink cartridge. If ink is still missing, call your Brother dealer.



Note



Checking the printing alignment

- 1 Press **Ink Management**.
- 2 Press **▲** or **▼** to choose **Test Print**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Alignment**. Press **OK**.
- 4 Press **Mono Start** or **Colour Start**.
The machine starts printing the Alignment Check Sheet.
- 5 Check the 600 dpi and 1200 dpi test prints to see if number 5 most closely matches number 0.
 - If the number 5 sample of both the 600 dpi and 1200 dpi are the best matches, press **+** (**Yes**) to finish Alignment Check, and go to step 8.
 - If another test print number is a better match for either 600 dpi or 1200 dpi, press **-** (**No**) to choose it.

- 6 For 600 dpi, press **◀** or **▶** to select the number of the test print that most closely matches the number 0 sample (1-8). Press **OK**.
- 7 For 1200 dpi, press **◀** or **▶** to select the number of the test print that most closely matches the number 0 sample (1-8). Press **OK**.
- 8 Press **Stop/Exit**.

Checking the ink volume

You can check the ink that is left in the cartridge.

- 1 Press **Ink Management**.
- 2 Press **▲** or **▼** to select **Ink Volume**. Press **OK**.
The LCD shows the ink volume.
- 3 Press **Stop/Exit**.



Note

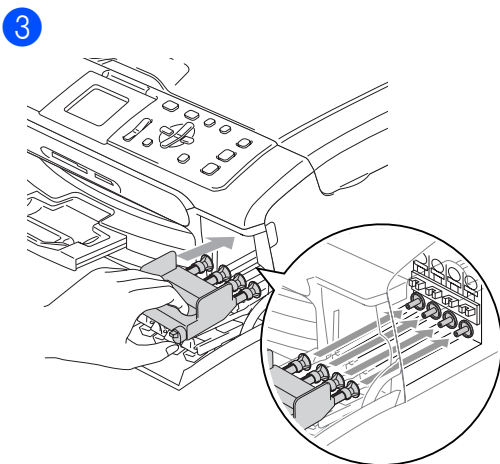
You can check the ink volume from your computer. (See *Printing for Windows*® in the Software User's Guide on the CD-ROM.)

Packing and shipping the machine

! CAUTION

It is important to allow the machine to 'park' the print head after a print job. Listen carefully to the machine before unplugging it to make sure that all mechanical noise has stopped. Not allowing the machine to finish this parking process may lead to print problems and possible damage to the print head.

- 1 Open the ink cartridge cover.
- 2 Pull the lock release levers down and take out all ink cartridges.
(See *Replacing the ink cartridges* on page 36.)

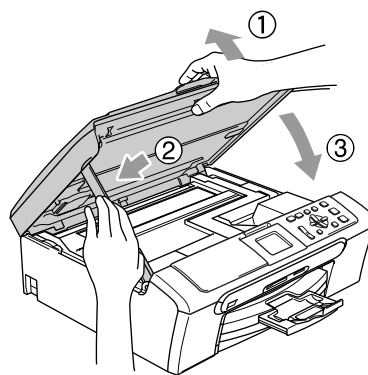


! CAUTION

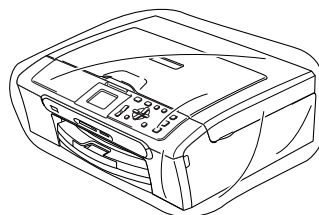
If you are not able to find the yellow protective part, DO NOT remove the ink cartridges before shipping. It is essential that the machine be shipped with either the yellow protective parts or the ink cartridges in position. Shipping without them will cause damage to your machine and may void your warranty.

- 4 Unplug the machine from the electrical socket.
- 5 Using both hands, use the plastic tabs on both sides of the machine to lift the scanner cover until it locks securely into the open position then unplug the interface cable from the machine, if it is connected.

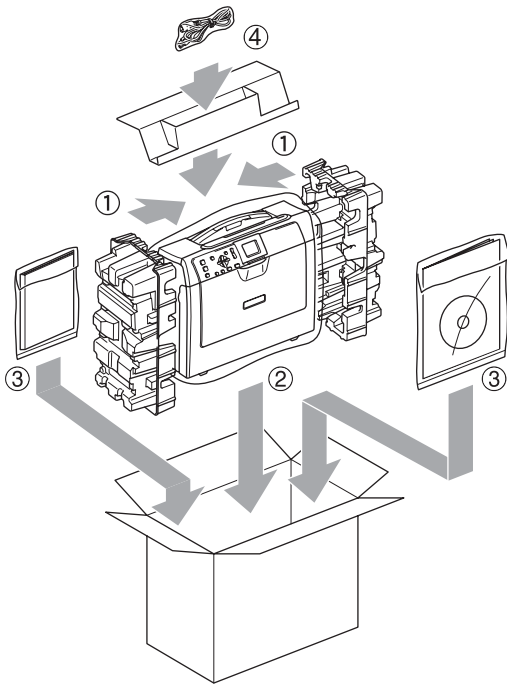
6



7









8



9

Close the carton and tape it shut.

Menu keys

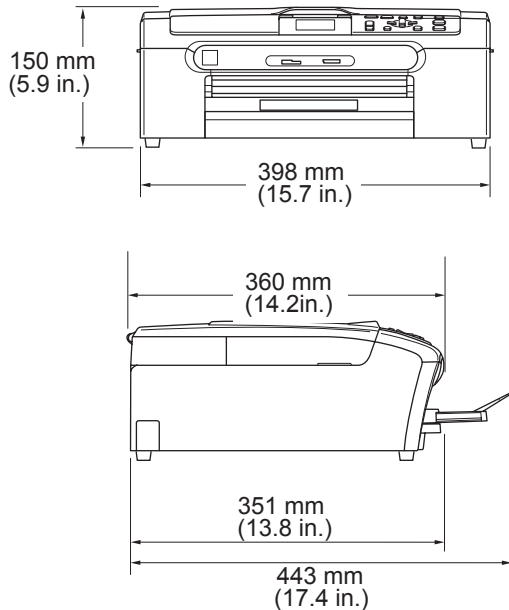
Menu 	Access the main menu.
Photo Capture Scan  	Access its menu of temporary settings.
▲ ▼	Scroll through the current menu level.
◀	Go back to the previous menu level.
▶	Go to the next menu level.
OK 	■ Go to the next menu level. ■ Accept an option.
Number of Copies 	Select the number to enter.
Stop/Exit 	Stop the current operation.

General

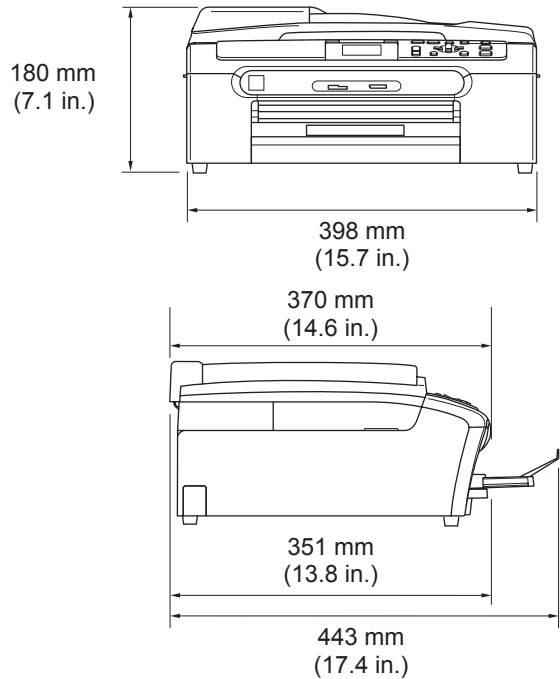
Memory Capacity	32 MB
ADF (automatic document feeder)	Up to 10 pages Temperature: 20° C - 30° C (68° F - 86° F) Humidity: 50% - 70% Paper: [80 g/m ² (20 lb)] A4 size
Paper Tray	100 Sheets [80 g/m ² (20 lb)]
Printer Type	Ink Jet
Print Method	Black: Piezo with 94 × 1 nozzles Colour: Piezo with 94 × 3 nozzles
LCD (liquid crystal display)	50.8 mm (2.0 in) Colour LCD (DCP-330C/DCP-540CN)
Power Source	AC 220 to 240V 50/60Hz
Power Consumption	Power Save Mode: Average 5.5 W Standby: Average 7 W Operating: Average 21 W

Dimensions

(DCP-330C)



(DCP-540CN)



Weight

7.3 kg (16.06 lb) (DCP-330C)

8.0 kg (17.6 lb) (DCP-540CN)

Noise

Operating: 50 dB or less ¹

Temperature

Operating: 10 to 35° C (50° F to 95° F)

Best Print

Quality: 20 to 33° C (68° F to 91° F)

Humidity

Operating: 20 to 80% (without condensation)

Best Print

Quality: 20 to 80% (without condensation)

¹ This depends on printing conditions.

Consumable items

Ink

The machine uses individual Black, Yellow, Cyan and Magenta ink cartridges that are separate from the print head assembly.

Service Life of Ink Cartridge

Replacement Ink Cartridges

Black - Approximately 500 pages at 5% coverage
Yellow, Cyan and Magenta - Approximately 400 pages at 5% coverage

- The first time you install a set of ink cartridges the machine will use an amount of ink to fill the ink delivery tubes for high quality print outs. This process will only happen once. With all following ink cartridges you can print the specified number of pages.
- The above figures assume continuous printing at a resolution of 600 x 600 dpi in normal mode after installing new ink cartridge.
- The number of pages a cartridge will print may change depending on how often you use the machine and how many pages you print with each use.
- The machine will automatically and periodically clean the print head assembly, a process that uses a small amount of ink.
- When the machine identifies a cartridge as empty there may be a small amount of ink left in it. This is necessary to prevent air from drying out and damaging the print head assembly.

Replacement Consumables

<Black> LC1000BK, <Yellow> LC1000Y, <Cyan> LC1000C, <Magenta> LC1000M

Network (LAN) (DCP-540CN only)

LAN	You can connect your machine to a network for Network Printing and Network Scanning (Windows® only). Also included is Brother BRAdmin Professional Network Management software for Windows® and BRAdmin Light for Mac OS® X 10.2.4 or greater.
Support for	Windows® 98/98SE/Me/2000/XP Mac OS® X 10.2.4 or greater Ethernet 10/100 BASE-TX Auto Negotiation (Wired LAN)
Protocols	TCP/IP ARP, RARP, BOOTP, DHCP, APIPA (Auto IP), NetBIOS Name Resolution, DNS Resolver, LPR/LPD, Custom Raw Port/Port9100, FTP Server, mDNS, TELNET, SNMP

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