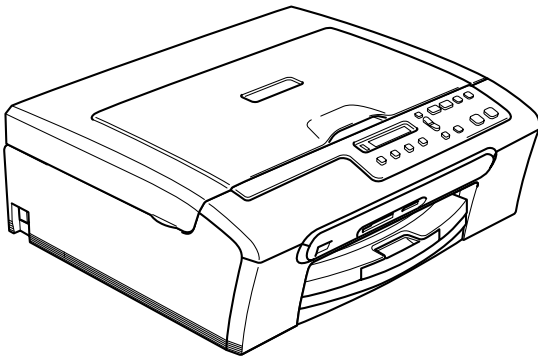brother.

USER'S GUIDE

DCP-130C

CE

EC Declaration of Conformity under the R & TTE Directive

brother

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-130C

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   :

                      Takashi Maeda

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

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Section I   General

1   General Information

2   Loading documents and paper

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5   Printing photos from a camera with PictBridge

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Section I

General

1 General Information

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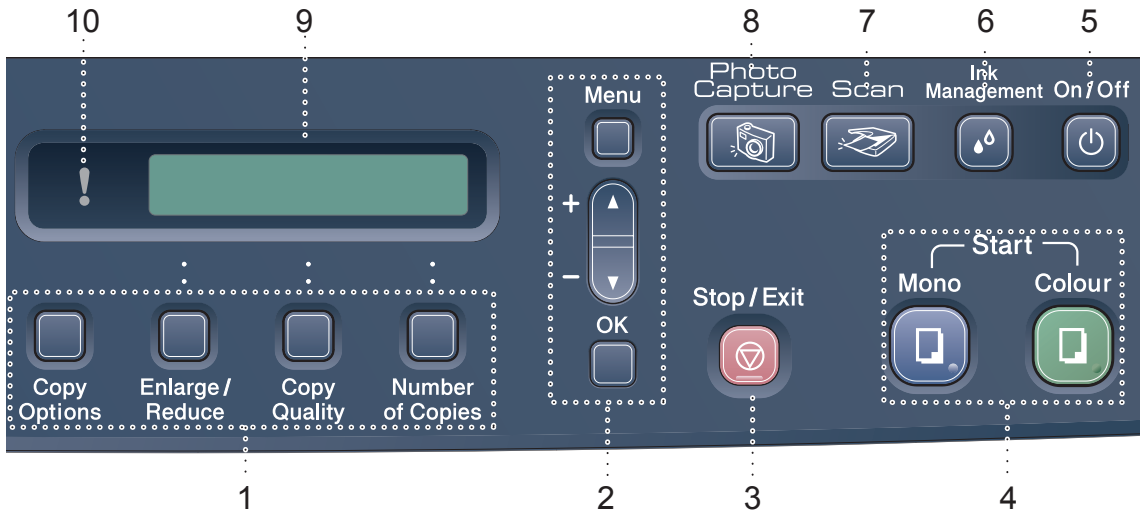
Notes tell you how you should respond to a situation that may arise or give tips about how the operation works with other features.

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

Control panel overview

1 Copy keys

Lets you temporarily change the copy settings when in copy mode.

■ **Copy Options**

You can quickly and easily select temporary settings for copying.

■ **Enlarge/Reduce**

Lets you enlarge or reduce copies depending on the ratio you select.

■ **Copy Quality**

Use this key to temporarily change the quality of your copies.

■ **Number of Copies**

Use this key to make multiple copies.

2 Menu keys:

■ **Menu**

Lets you access the main menu.

■ **+▲ or -▼**

Press to scroll through the menus and options.

■ **OK**

Lets you select a setting.

3 Stop/Exit

Stops an operation or exits from a menu.

4 Start keys:

■ **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).

■ **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).

5 On/Off

You can turn the machine on or off.

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

6 Ink Management

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

3

7 ⟦ ✏ ⟧ **Scan**

Lets you access Scan mode.

8 ⟦ 📷 ⟧ **PhotoCapture**

Lets you access PhotoCapture Center™ mode.

9 LCD (liquid crystal display)

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

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 *Error messages* on page 28.)
	Ink empty	Replace the Ink cartridge with a new one. (See *Replacing the ink cartridges* on page 32.)
	Paper error	Put paper in the tray or clear the paper jam. Check the LCD message. (See *Troubleshooting and Routine Maintenance* on page 25.)
	Other messages	Check the LCD message. (See *Troubleshooting and Routine Maintenance* on page 25.)

Printing Reports

The following reports are available:

- Help List
- User Settings

How to print a report

1 Press **Menu**.

2 Press ▲ or ▼ to choose
3.Print Reports.
Press **OK**.

3 Press ▲ or ▼ to choose the report you
want.
Press **OK**.

4 Press **Mono Start**.
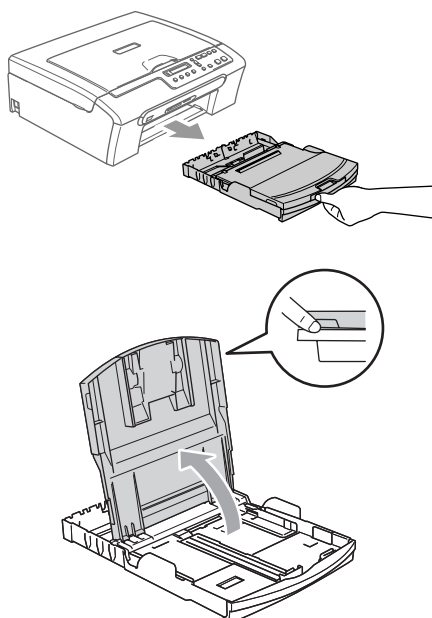
2 Loading documents and paper

Loading documents

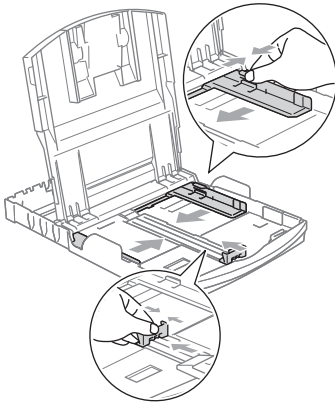You can make copies and scan from the scanner glass.

Loading paper, envelopes and other media

Loading paper and other media

①

2

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

3

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.
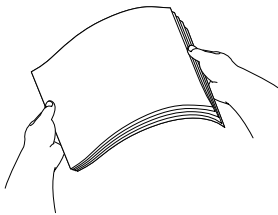
4 Check that the paper is flat in the tray.

6

7

8

Section II
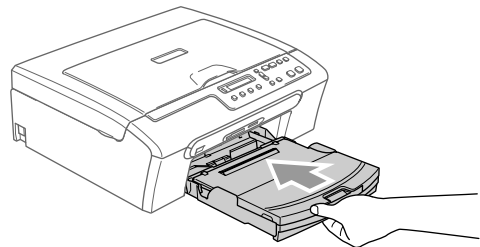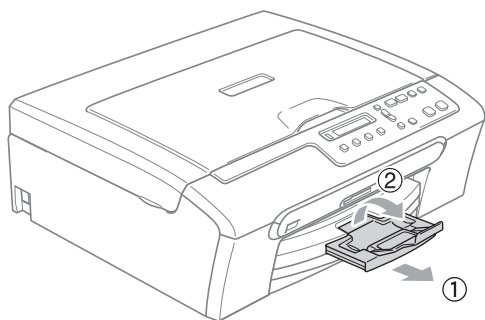
Copy

3 Making copies

How to copy
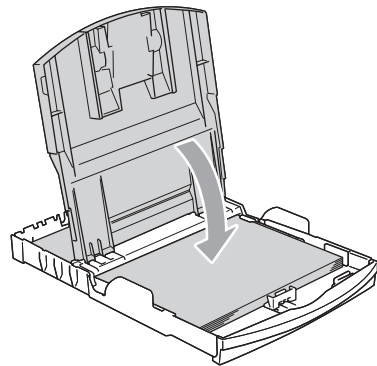
Making a single copy

① Load your document.

② Press **Mono Start** or **Colour Start**.

Making multiple copies

① Load your document.

② Press **Number of Copies** repeatedly until the number of copies you want appears (up to 99).
Or press ▲ or ▼ to change the number of copies.

③ Press **Mono Start** or **Colour Start**.

Copy options

When you want to quickly change the copy settings temporarily for the next copy, use the temporary Copy keys. You can use different combinations.

Copy Options   Enlarge / Reduce   Copy Quality   Number of Copies

The machine returns to its default settings 60 seconds after it finishes copying.

Section III

Direct Photo Printing

4 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.

Firmly put the card into the appropriate slot.
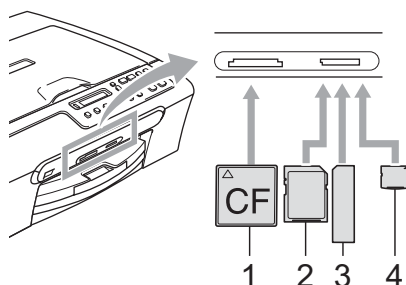
1 CompactFlash®

2 SecureDigital™, MultiMediaCard™

3 Memory Stick®, Memory Stick Pro™

4 xD-Picture Card™
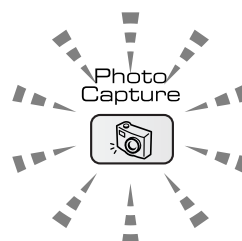
■ **On**

A memory card is inserted correctly.

■ **Off**

No memory card is present, or it is incorrectly inserted.

■ **Blinking**

The inserted memory card is being read, or is being written to.

⚠ **CAUTION**

DO NOT unplug the power cord or remove the memory card from the media drive (slot) while the machine is reading or writing to the card (the **PhotoCapture** key is blinking). **You will lose your data or damage the card.**

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

How to print from a memory card

1. Make sure you have put the memory card in the proper slot. The LCD will show the following message:

   > C.Flash Active

   > Press PhotoCa...

2. Press **PhotoCapture**. For DPOF printing, see *DPOF printing* on page 15.

3. Press ▲ or ▼ to choose Print Index and then press **OK**.

4. Press **Colour Start** to start printing the index sheet. Make a note of the image number you want to print. See *Printing the thumbnail index* on page 14.

5. To print images press ▲ or ▼ to choose Print Images in 3 and then press **OK**. See *Printing Images* on page 14.

6. Enter the image number and press **OK**.

7. Press **Colour Start** to start printing.
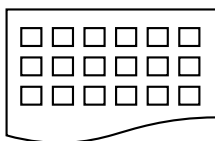
Printing the thumbnail index


```
No. 1        01. 01. 2006
DEI.JPG            100KB
```

1 Make sure you have put the memory card in the proper slot.

Press (**PhotoCapture**).

2 Press ▲ or ▼ to choose Print Index. Press **OK**.

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

5 Images/Line   6 Images/Line

4 Press **Colour Start** to print.

Printing Images

Before you can print an individual image, you have to know the image number.

1 Make sure you have put the memory card in the proper slot.

2 Print the index first. (See *Printing the thumbnail index* on page 14.)

Press (**PhotoCapture**).

3 Press ▲ or ▼ to choose Print Images. Press **OK**.

4 Press ▲ repeatedly to enter the image number that you want to print from the thumbnail index.
Press **OK**.

```
No.:1,3,6
```

5 After you have selected all the images you want to print, press **OK** to select your settings.
If you have already chosen your settings, press **Colour Start**.

6 Press ▲ or ▼ to choose the type of paper you are using, Plain Paper, Inkjet Paper, Brother Photo or Other Photo.
Press **OK**.

7 Press ▲ or ▼ to choose the paper size you are using, Letter, A4, 10×15cm or 13×18cm.
- If you selected Letter or A4, go to 8.
- If you selected another size, go to 9.
- If you have finished choosing settings, press **Colour Start**.

8 Press ▲ or ▼ to choose the print size (10×8cm, 13×9cm, 15×10cm, 18×13cm, 20×15cm or Max. Size).
Press **OK**.

i Choose one of the options below:
■ To choose the number of copies go to j.
■ If you have finished choosing settings, press **Colour Start**.

j Press ▲ or ▼ to enter the number of copies you want. Press **OK**.

k Press **Colour Start** to print.

The printing positions when using A4 paper are shown below.

1 10×8cm	2 13×9cm	3 15×10cm
4 18×13cm	5 20×15cm	6 Max. Size

DPOF printing

a Firmly insert the memory card into the card slot.

C.Flash Active

Press (**PhotoCapture**).

b Press ▲ or ▼ to choose Print Images. Press **OK**.

c If there is a DPOF file on the card, the LCD will show:

DPOF Print:Yes

d Press ▲ or ▼ to choose DPOF Print:Yes. Press **OK**.

e Press ▲ or ▼ to choose the type of paper you are using, Plain Paper, Inkjet Paper, Brother Photo or Other Photo.
Press **OK**.

f Press ▲ or ▼ to choose the paper size you are using, Letter, A4, 10×15cm or 13×18cm. Press **OK**.
■ If you selected Letter or A4, go to g.
■ If you selected another size, go to h.

g Press ▲ or ▼ to choose the print size (10×8cm, 13×9cm, 15×10cm, 18×13cm, 20×15cm or Max. Size).
Press **OK**.

h Press **Colour Start** to print.

4

5 Printing photos from a camera with PictBridge

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.

Section IV

Appendices

A Safety and Legal

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 a 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.
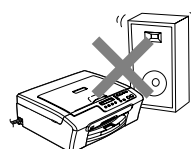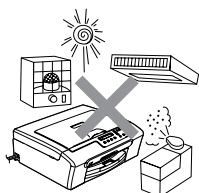
To use the machine safely

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.
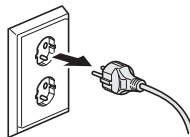
DO NOT handle the plug with wet hands. Doing this might cause an electrical shock.
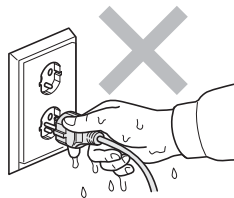
DO NOT pull in the middle of the power cord. Doing this might cause an electrical shock.

DO NOT put your hands on the edge of the machine under the scanner cover. Doing this may cause injury.

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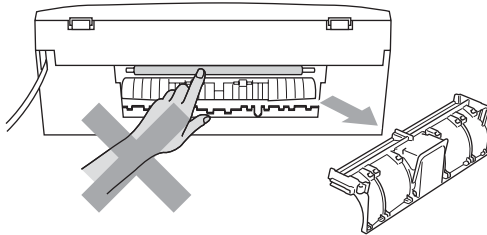
DO NOT touch the area shaded in the illustration. Doing this may cause injury.

⚠
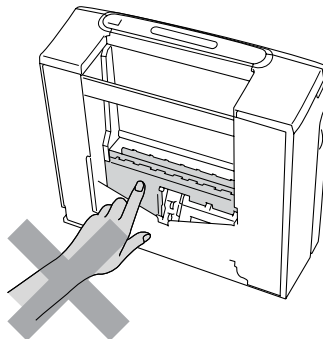
When moving the machine you must lift it from the base, by placing a hand at each side of the unit as shown in the illustration. Do not carry the machine by holding the scanner cover.
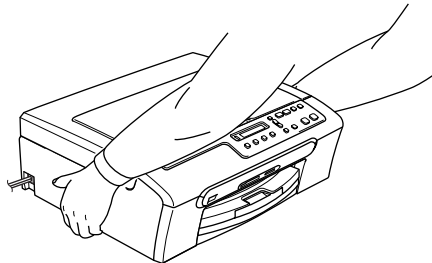
If the machine becomes hot, releases smoke, or generates any strong smells, immediately turn off the power switch and unplug the machine from the electrical socket. Call your Brother dealer or Brother Customer Service.
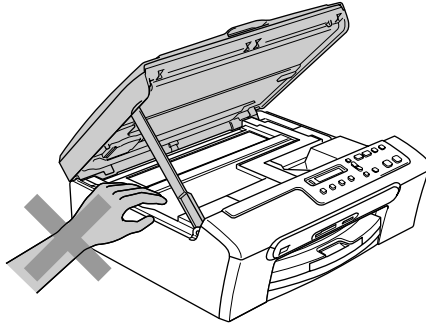
If metal objects, water or other liquids get inside the machine, immediately turn off the power switch and unplug the machine from the electrical socket. Call your Brother dealer or Brother Customer Service.

⚠ **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. Improper 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.

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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B Troubleshooting and Routine Maintenance

Troubleshooting

If you are having difficulty with your machine

Printing

Difficulty	Suggestions
No printout	Check the interface cable connection on both the machine and your computer.
	One or more ink cartridges are empty. (See *Replacing the ink cartridges* on page 32.)
	Check to see if the LCD is showing an error message. (See *Error messages* on page 28.)
	Check that the correct printer driver has been installed and chosen.
	Make sure 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 *Checking the print quality* on page 34.)
	Make sure that the Printer Driver or Paper Type setting in the menu matches the type of paper you are using. (See *Printing* for Windows® 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: ■ 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 *Cleaning the print head* on page 33.)
	Try using the recommended types of paper.
The machine prints blank pages.	Clean the print head. (See *Cleaning the print head* on page 33.)
Characters and lines are stacked.	Check the printing alignment. (See *Checking the printing alignment* on page 35.)
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 *Loading paper and other media* on page 6.)
	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.
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 *Loading paper and other media* on page 6.)

Printing (Continued)

Difficulty	Suggestions
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** tab, and make sure you uncheck **Colour Enhancement**.
	Set the borderless feature off. Borderless printing is slower than normal printing. (See *Printing* for Windows® 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 *Loading paper and other media* on page 6.)
	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 *Loading paper and other media* on page 6.)
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 *Printing* for Windows® in the Software User's Guide on the CD-ROM.)
The machine cannot print full pages of a document. `Out of memory` message occurs.	Reduce the printing resolution. (See *Printing* for Windows® in the Software User's Guide on the CD-ROM.)
	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 *Cleaning the scanner* on page 33.)

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.

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.	1 Have you installed the Windows® 2000 update? If not, do the following:
	
	  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 media 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.

Error messages

Error Message	Cause	Action
Change Unable XX	The machine has a mechanical problem. **—OR—** A foreign objects such as a clip or ripped paper is in the machine.	Open the scanner cover and remove any foreign objects inside the machine. If the error message continues, disconnect the machine from the power source for several minutes then reconnect it.
Clean Unable XX	The machine has a mechanical problem. **—OR—** A foreign objects such as a clip or ripped paper is in the machine.	Open the scanner cover and remove any foreign objects inside the machine. If the error message continues, disconnect the machine from the power source for several minutes then reconnect it.
Cover is Open	The scanner cover is not closed completely.	Lift the scanner cover and then close it again.
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.
High Temperature	The print head is too warm.	Allow the machine to cool down.
Init. Unable XX	The machine has a mechanical problem. **—OR—** A foreign objects such as a clip or ripped paper is in the machine.	Open the scanner cover and remove any foreign objects inside the machine. If the error message continues, disconnect the machine from the power source for several minutes then reconnect it.
Ink Empty	One or more of the ink cartridges is empty. The machine will stop all print operations.	Replace the ink cartridges. (See *Replacing the ink cartridges* on page 32.)
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 *Replacing the ink cartridges* on page 32.)
No File	The media card in the media drive does not contain a .JPG file.	Put the correct media card into the slot again.

| Error Message	Cause	Action
No Paper Fed	The machine is out of paper or paper is not properly loaded in the paper tray.	Do one of the following: ■ 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 *Printer jam or paper jam* on page 30.
Out of Memory	The machine's memory is full.	**Copy operation in progress** Press **Stop/Exit** and wait until the other operations in progress finish and then try again. **Printing operation in progress** Reduce print resolution. (For details, see *Printing* for Windows® in the Software User's Guide on the CD-ROM.)
Paper Jam	Paper is jammed in the machine.	See *Printer jam or paper jam* on page 30.
Print Unable XX	The machine has a mechanical problem. **—OR—** A foreign objects such as a clip or ripped paper is in the machine.	Open the scanner cover and remove any foreign objects inside the machine. If the error message continues, disconnect the machine from the power source for several minutes then reconnect it.
Scan Unable XX	The machine has a mechanical problem. **—OR—** A foreign objects such as a clip or ripped paper is in the machine.	Open the scanner cover and remove any foreign objects inside the machine. If the error message continues, disconnect the machine from the power source for several minutes then reconnect it.
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.
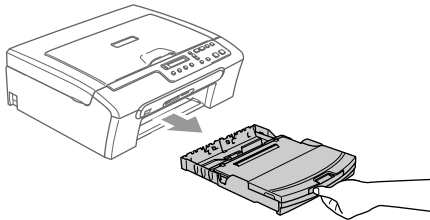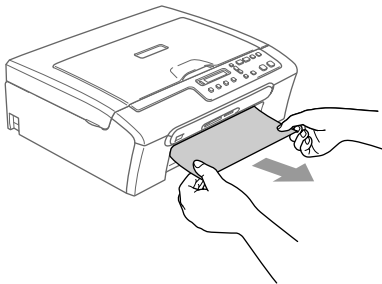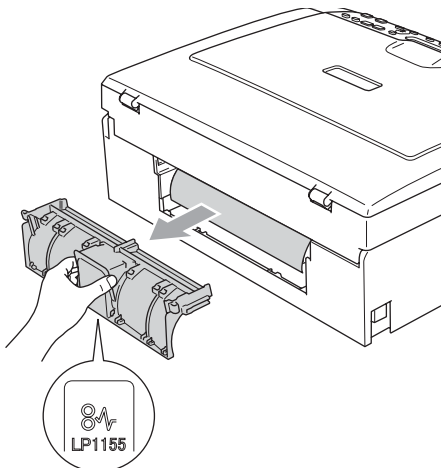
Changing LCD language

a Press **Menu**.

b Press ▲ or ▼ to choose
0.Initial Setup.
Press **OK**.

c Press ▲ or ▼ to choose
0.Local Language.
Press **OK**.

d Press ▲ or ▼ to choose your language.
Press **OK**.
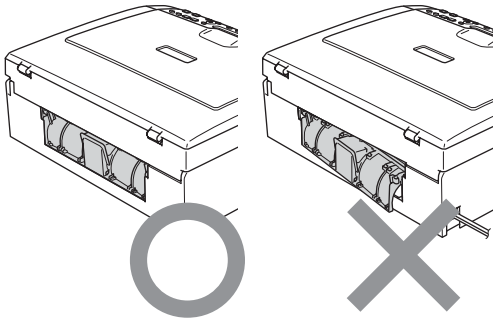
e Press **Stop/Exit**.

Improving the LCD viewing

a Press **Menu**.

b Press ▲ or ▼ to choose
0.Initial Setup.
Press **OK**.

c Press ▲ or ▼ to choose
2.LCD Contrast.
Press **OK**.

d Press ▲ or ▼ to choose Light or
Dark.
Press **OK**.

e Press **Stop/Exit**.

Printer jam or paper jam

a

b

c

f
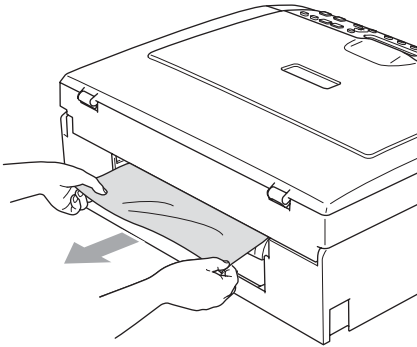
d Put the Jam Clear Cover back on.
Make sure the Cover is set properly.

e Make sure that there is no jammed
paper left inside the machine.
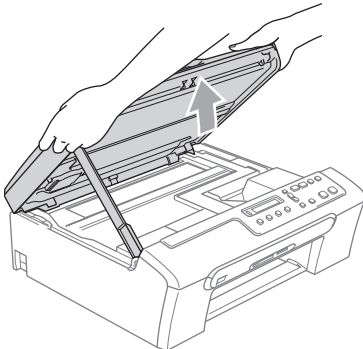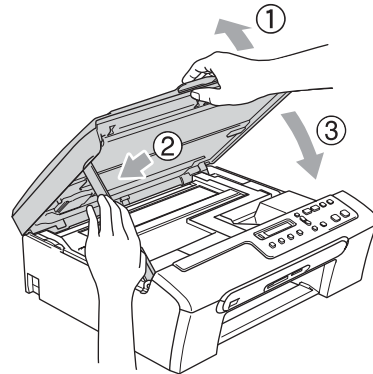
Routine maintenance

Replacing the ink cartridges

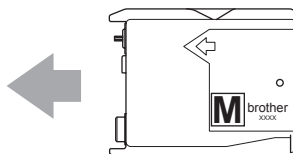a Open the ink cartridge cover.

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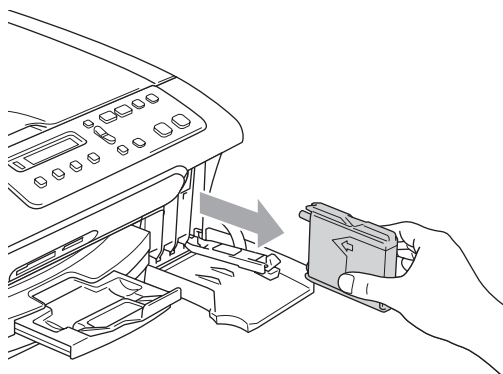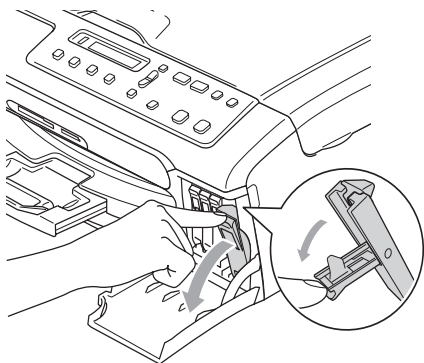
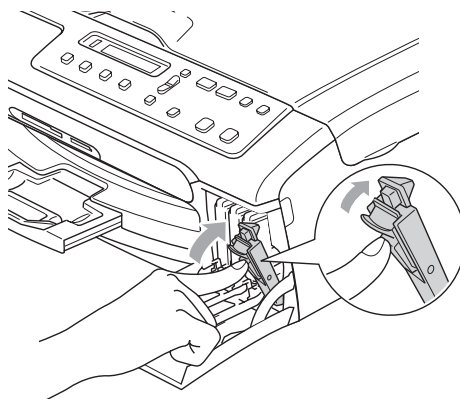c Open the new ink cartridge bag for the colour shown on the LCD, and then take out the ink cartridge.

d

e

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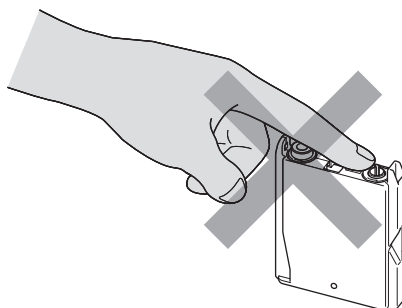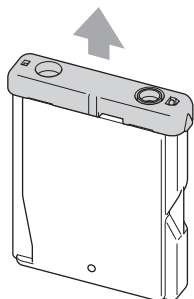
7 For each new cartridge you installed, press ▲ (Yes) to automatically reset the ink dot counter for that colour.

⚠ 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.

Cleaning the scanner

1
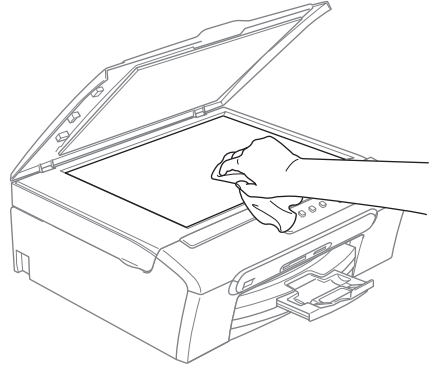
Cleaning the print head

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

a Press **Ink Management**.

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

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

d Press **Colour Start**.
The machine begins printing the Print
Quality Check Sheet.

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

```
Is Quality OK?
```

```
▲Yes ▼No
```

f Do one of the following:

■ If all lines are clear and visible, press
▲ to choose Yes, and go to step j.

■ If you can see missing short lines as
shown below, press ▼ to choose No.

OK   Poor

g The LCD asks you if the print quality is
OK for black and three colours.

```
Black OK?
```

```
▲Yes ▼No
```

Press ▲ (Yes) or ▼ (No).

h The LCD asks you if you want to start
cleaning.

```
Start Cleaning?
```

```
▲Yes ▼No
```

Press ▲ (Yes).

The machine starts cleaning the print
head.

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

j 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.

! CAUTION

DO NOT touch the print head. Touching the
print head may cause permanent damage
and may void the print head's warranty.

Note

When a print head
nozzle is clogged
the printed
sample looks like
this.

After the print
head nozzle is
cleaned, the
horizontal lines
are gone.

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.

   ```
   Is Alignment OK?
   ```

   ```
   ▲Yes ▼No
   ```

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).

   ```
   600dpi Adjust
   ```

   ```
   Select Best #5
   ```

   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).

   ```
   1200dpi Adjust
   ```

   ```
   Select Best #5
   ```

   Press **OK**.

8. Press **Stop/Exit**.

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 the ink cartridges. (See *Replacing the ink cartridges* on page 32.)

3.

35

❽
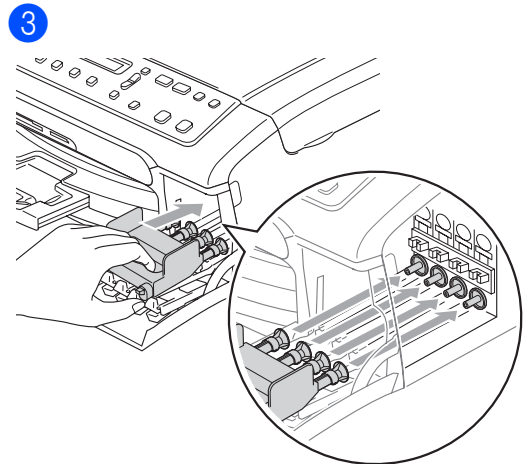
CAUTION

If you are not able to find the yellow protective parts, 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.
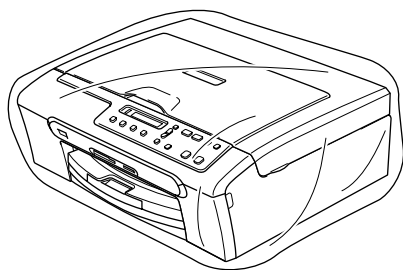
❹ Unplug the machine from the electrical socket.

❺ 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.

❻
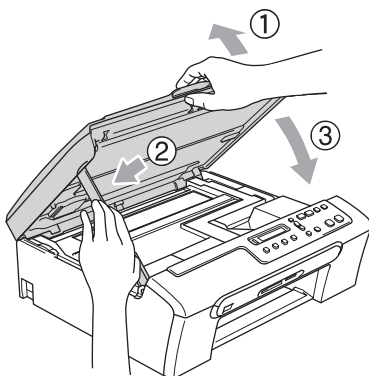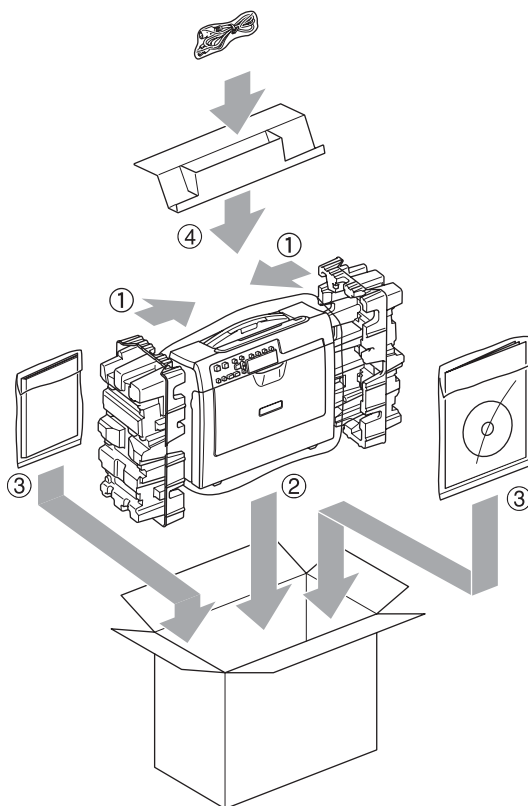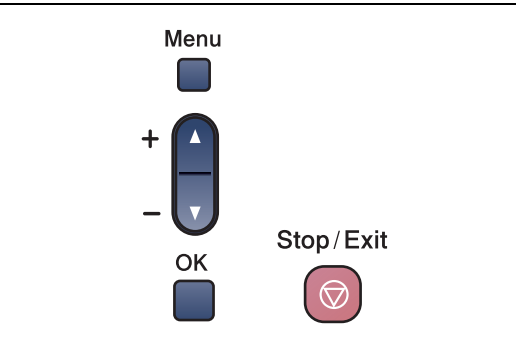
❾ Close the carton and tape it shut.

❼

C

Menu and Features

Menu keys

Menu	Access the menu.
+ ▲ ▼ –	Scroll through the current menu level.
OK	Go to the next menu level. Accept an option.
Stop/Exit	Exit the menu.

To access the menu mode:

1. Press **Menu**.

2. Choose an option.
   You can scroll more quickly through each menu level by pressing ▲ or ▼ for the direction you want.

   `1.Copy`

   `2.PhotoCapture`

   `3.Print Reports`

   `4.Machine Info.`

   `0.Initial Setup`

3. Press **OK** when that option appears on the LCD.
   The LCD will then show the next menu level.

4. Press ▲ or ▼ to scroll to your next menu selection.

5. Press **OK**.
   When you finish setting an option, the LCD shows `Accepted`.

D Specifications

General

Memory Capacity	16 MB
Paper Tray	100 Sheets [80 g/m^2 (20 lb)]
Printer Type	Ink Jet
Print Method	Black: Piezo with 94 $\times$ 1 nozzles
	Colour: Piezo with 94 $\times$ 3 nozzles
LCD (Liquid Crystal Display)	16 characters $\times$ 1 line
Power Source	AC 220 to 240V 50/60Hz
Power Consumption	Power Save Mode: Average 4 W
	Standby: Average 6 W
	Operating: Average 20 W

Dimensions

150 mm
(5.9 in.)

398 mm
(15.7 in.)

360 mm
(14.2 in.)

351 mm (13.8 in.)
443 mm (17.4 in.)
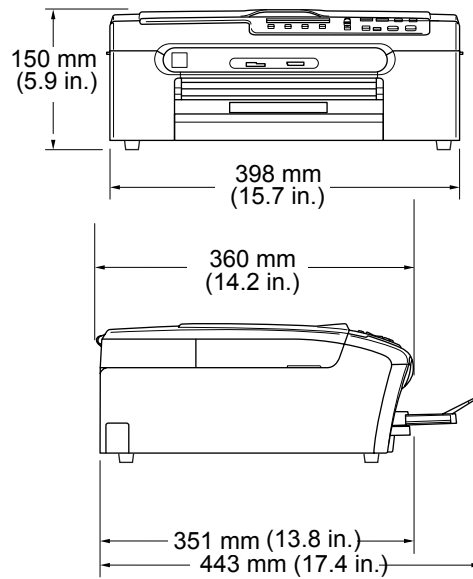
Weight	7.1 kg (15.6 lb)	
Noise	Operating:	50db or less [1]
Temperature	Operating:	10 to 35° C (50° F to 95° F)
	Best Print Quality:	20 to 33° C (68° F to 91° F)
Humidity	Operating:	20 to 80% (without condensation)
	Best Print Quality:	20 to 80% (without condensation)

[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   **Replacement Ink Cartridges**
Cartridge
                                     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 a 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   <Black> LC1000BK, <Yellow> LC1000Y, <Cyan> LC1000C,
Consumables   <Magenta> LC1000M

E Index

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