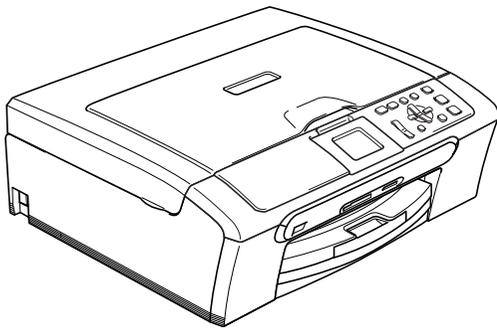


USER'S GUIDE



DCP-350C
DCP-560CN

If you need to call Customer Service

Please complete the following information for future reference:

Model Number: DCP-350C and DCP-560CN
(Circle your model number)

Serial Number: ¹ _____

Date of Purchase: _____

Place of Purchase: _____

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

Register your product on-line at

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

By registering your product with Brother, you will be recorded as the original owner of the product. Your registration with Brother:

- may serve as confirmation of the purchase date of your product should you lose your receipt;
- may support an insurance claim by you in the event of product loss covered by insurance; and,
- will help us notify you of enhancements to your product and special offers.

The most convenient and efficient way to register your new product is on-line at <http://www.brother.com/registration/>

Brother numbers

IMPORTANT

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

Register your product

By registering your product with Brother International Corporation, you will be recorded as the original owner of the product. Your registration with Brother:

- may serve as confirmation of the purchase date of your product should you lose your receipt;
- may support an insurance claim by you in the event of product loss covered by insurance; and,
- will help us notify you of enhancements to your product and special offers.

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

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

FAQs (frequently asked questions)

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

<http://solutions.brother.com>



Note

- You can check here for Brother driver updates.
- To keep your machine performance up to date, check here for the latest firmware upgrade (for Windows® only).

For Customer Service

In USA: 1-800-284-4329
1-901-379-1215 (fax)
1-800-284-3238 (TTY service for the hearing-impaired)

In Canada: 1-877-BROTHER
(514) 685-4898 (fax)

Service Center Locator (USA only)

For the location of a Brother authorized service center, call 1-800-284-4357.

Service Center Locations (Canada only)

For the location of a Brother authorized service center, call 1-877-BROTHER.

Ordering accessories and supplies

For best quality results use only genuine Brother accessories, which are available at most Brother retailers. If you cannot find the accessory you need and you have a Visa, MasterCard, Discover, or American Express credit card, you can order accessories directly from Brother. (You can visit us online for a complete selection of the Brother accessories and supplies that are available for purchase.)

In USA: 1-877-552-MALL (6255)
1-800-947-1445 (fax)

<http://www.brothermall.com>

In Canada: 1-877-BROTHER

<http://www.brother.ca>

Description	Item
Ink Cartridge Standard <black>	LC51BK (Prints approx. 500 pages)
Ink Cartridge <yellow>	LC51Y (Prints approx. 400 pages)
Ink Cartridge <cyan> (blue)	LC51C (Prints approx. 400 pages)
Ink Cartridge <magenta> (red)	LC51M (Prints approx. 400 pages)
Premium Glossy Photo Paper (Letter size / 20 sheets)	BP61GLL
Premium Glossy Photo Paper (4"×6" size / 20 sheets)	BP61GLP
Matte Inkjet Paper (Letter size / 25 sheets)	BP60ML (USA only)
Inkjet Plain Paper (Letter size / 250 sheets)	BP60PL (USA only)
User's Guide	LS2251001 (English for USA and Canada) LS2251002 (French for Canada)

Notice - Disclaimer of Warranties (USA and Canada)

BROTHER'S LICENSOR(S), AND THEIR DIRECTORS, OFFICERS, EMPLOYEES OR AGENTS (COLLECTIVELY BROTHER'S LICENSOR) MAKE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, REGARDING THE SOFTWARE. BROTHER'S LICENSOR(S) DOES NOT WARRANT, GUARANTEE OR MAKE ANY REPRESENTATIONS REGARDING THE USE OR THE RESULTS OF THE USE OF THE SOFTWARE IN TERMS OF ITS CORRECTNESS, ACCURACY, RELIABILITY, CURRENTNESS OR OTHERWISE. THE ENTIRE RISK AS TO THE RESULTS AND PERFORMANCE OF THE SOFTWARE IS ASSUMED BY YOU. THE EXCLUSION OF IMPLIED WARRANTIES IS NOT PERMITTED BY SOME STATES IN THE USA AND SOME PROVINCES IN CANADA. THE ABOVE EXCLUSION MAY NOT APPLY TO YOU.

IN NO EVENT WILL BROTHER'S LICENSOR(S) BE LIABLE TO YOU FOR ANY CONSEQUENTIAL, INCIDENTAL OR INDIRECT DAMAGES (INCLUDING DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION, AND THE LIKE) ARISING OUT OF THE USE OR INABILITY TO USE THE SOFTWARE EVEN IF BROTHER'S LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. BECAUSE SOME STATES IN THE USA AND SOME PROVINCES IN CANADA DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. IN ANY EVENT BROTHER'S LICENSOR'S LIABILITY TO YOU FOR ACTUAL DAMAGES FROM ANY CAUSE WHATSOEVER, AND REGARDLESS OF THE FORM OF THE ACTION (WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY OR OTHERWISE), WILL BE LIMITED TO \$50.

Compilation and Publication Notice

Under the supervision of Brother Industries Ltd., this manual has been compiled and published, covering the latest product descriptions and specifications.

The contents of this manual and the specifications of this product are subject to change without notice.

Brother reserves the right to make changes without notice in the specifications and materials contained herein and shall not be responsible for any damages (including consequential) caused by reliance on the materials presented, including but not limited to typographical and other errors relating to the publication.

Brother® One Year Limited Warranty and Replacement Service (USA only)

Who is covered:

- This limited warranty (“warranty”) is given only to the original end-use/retail purchaser (referred to in this warranty as “Original Purchaser”) of the accompanying product, consumables and accessories (collectively referred to in this warranty as “this Product”).
- If you purchased a product from someone other than an authorized Brother reseller in the United States or if the product was used (including but not limited to floor models or refurbished product), prior to your purchase you are not the Original Purchaser and the product that you purchased is not covered by this warranty.

What is covered:

- This Product includes a Machine and Consumable and Accessory Items. Consumable and Accessory Items include but are not limited to print heads, toner, drums, ink cartridges, print cartridges, cordless handset battery, refill ribbons, therma PLUS paper and thermal paper.
- Except as otherwise provided herein, Brother warrants that the Machine and the accompanying Consumable and Accessory Items will be free from defects in materials and workmanship, when used under normal conditions.
- This warranty applies only to products purchased and used in the United States. For products purchased in, but used outside, the United States, this warranty covers only warranty service within the United States (and does not include shipping outside the United States).

What is the length of the Warranty Periods:

- Machines: one year from the original purchase date.
- Accompanying Consumable and Accessory Items: 90 days from the original purchase date or the rated life of consumable, whichever comes first.

What is NOT covered:

This warranty does not cover:

- 1 Physical damage to this Product;
- 2 Damage caused by improper installation, improper or abnormal use, misuse, neglect or accident (including but not limited to transporting this Product without the proper preparation and/or packaging);

- 3 Damage caused by another device or software used with this Product (including but not limited to damage resulting from use of non Brother®-brand parts and Consumable and Accessory Items);
- 4 Consumable and Accessory Items that expired in accordance with a rated life;
- 5 Problems arising from other than defects in materials or workmanship; and,
- 6 Normal Periodic Maintenance Items, such as Paper Feeding Kit, Fuser and Laser Units.

This limited warranty is VOID if this Product has been altered or modified in any way (including but not limited to attempted warranty repair without authorization from Brother and/or alteration/removal of the serial number).

What to do if you think your Product is eligible for warranty service:

Report your issue to either our Customer Service Hotline at 1-877-BROTHER (1-877-276-8437) or to a Brother Authorized Service Center within the applicable warranty period. Supply Brother or the Brother Authorized Service Center with a copy of your dated bill of sale showing that this Product was purchased within the U.S. For the name of local Brother Authorized Service Center(s), call 1-877-BROTHER (1-877-276-8437) or visit www.brother-usa.com.

What Brother will ask you to do:

After contacting Brother or a Brother Authorized Service Center, you may be required to deliver (by hand if you prefer) or send the Product properly packaged, freight prepaid, to the Authorized Service Center together with a photocopy of your bill of sale.

You are responsible for the cost of shipping, packing product, and insurance (if you desire). You are also responsible for loss or damage to this Product in shipping.

What Brother will do:

If the problem reported concerning your Machine and/or accompanying Consumable and Accessory Items is covered by this warranty and if you first reported the problem to Brother or an Authorized Service Center within the applicable warranty period, Brother or its Authorized Service Center will repair or replace the Machine and/or accompanying Consumable and Accessory Items at no charge to you for parts or labor. The decision as to whether to repair or replace the Machine and/or accompanying Consumable and Accessory Items is made by Brother in its sole

Brother® One Year Limited Warranty and Replacement Service (USA only)

discretion. Brother reserves the right to supply a refurbished or remanufactured replacement Machine and/or accompanying Consumable and Accessory Items and use refurbished parts provided such replacement products conform to the manufacturer's specifications for new product/parts. The repaired or replacement Machine and/or accompanying Consumable and Accessory Items will be returned to you freight prepaid or made available for you to pick up at a conveniently located Authorized Service Center.

If the Machine and/or accompanying Consumable and Accessory Items are not covered by this warranty (either stage), you will be charged for shipping the Machine and/or accompanying Consumable and Accessory Items back to you and charged for any service and/or replacement parts/products at Brother's then current published rates.

The foregoing are your sole (i.e., only) and exclusive remedies under this warranty.

What happens when Brother elects to replace your Machine:

When a replacement Machine is authorized by Brother, and you have delivered the Machine to an Authorized Service Center, the Authorized Service Center will provide you with a replacement Machine after receiving one from Brother. If you are dealing directly with Brother, Brother will send to you a replacement Machine with the understanding that you will, after receipt of the replacement Machine, supply the required proof of purchase information, together with the Machine that Brother agreed to replace. You are then expected to pack the Machine that Brother agreed to replace in the package from the replacement Machine and return it to Brother using the pre-paid freight bill supplied by Brother in accordance with the instructions provided by Brother. Since you will be in possession of two machines, Brother will require that you provide a valid major credit card number. Brother will issue a hold against the credit card account number that you provide until Brother receives your original Product and determines that your original Product is entitled to warranty coverage. Your credit card will be charged up to the cost of a new Product only if: (i) you do not return your original Product to Brother within five (5) business days; (ii) the problems with your original Product are not covered by the limited warranty; (iii) the proper packaging instructions are not followed and has caused damage to the product; or (iv) the warranty

period on your original Product has expired or has not been sufficiently validated with a copy of the proof of purchase (bill of sale). The replacement Machine you receive (even if refurbished or remanufactured) will be covered by the balance of the limited warranty period remaining on the original Product, plus an additional thirty (30) days. You will keep the replacement Machine that is sent to you and your original Machine shall become the property of Brother. **Retain your original Accessory Items and a copy of the return freight bill, signed by the courier.**

Limitations:

Brother is not responsible for damage to or loss of any equipment, media, programs or data related to the use of this Product. Except for the repair or replacement as described above, Brother shall not be liable for any direct, indirect, incidental or consequential damages or specific relief. Because some states do not allow the exclusion or limitation of consequential or incidental damages, the above limitation may not apply to you.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, WHETHER EXPRESSED BY AFFIRMATION, PROMISE, DESCRIPTION, DRAWING, MODEL OR SAMPLE. ANY AND ALL WARRANTIES OTHER THAN THIS ONE, WHETHER EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED.

- This Limited Warranty is the only warranty that Brother is giving for this Product. It is the *final expression and the exclusive and only statement* of Brother's obligations to you. It replaces all other agreements and understandings that you may have with Brother or its representatives.
- This warranty gives you certain rights and you may also have other rights that may vary from state to state.
- This Limited Warranty (and Brother's obligation to you) may not be changed in any way unless you and Brother sign the same piece of paper in which we (1) refer to this Product and your bill of sale date, (2) describe the change to this warranty and (3) agree to make that change.

Important:

We recommend that you keep all original packing materials, in the event that you ship this Product.

BROTHER MULTIFUNCTION CENTER / FAX MACHINE LIMITED WARRANTY (Canada only)

Pursuant to the limited warranty of 1 year from the date of purchase for labour and parts, Brother International Corporation (Canada) Ltd. ("Brother"), or its Authorized Service Centres, will repair or replace (at Brother's sole discretion) this MFC/Fax machine free of charge if defective in material or workmanship. This warranty applies only to products purchased and used in Canada.

This limited Warranty does not include cleaning, consumables (including, without limitation, ink cartridges, print cartridges, print rolls, thermal paper rolls, toner cartridges, drum units, OPC belts, fixing units, print heads, paper feed rollers, transfer rolls, cleaning rollers, waste toner packs, oil bottles) or damage caused by accident, neglect, misuse or improper installation or operation, any damage caused from service, maintenance, modifications, or tampering by anyone other than a Brother Authorized Service Representative, or if shipped out of the country.

The use of supplies or consumable items that are non-Brother products may void your warranty. This limited warranty ceases when this machine is rented, sold, or otherwise disposed of.

Operation of the MFC/Fax machine in excess of the specifications or with the Serial Number or Rating Label removed shall be deemed abuse and all repairs thereafter shall be the sole liability of the end-user/purchaser. In order to obtain warranty service, the MFC/Fax machine must be delivered or shipped freight prepaid by the end-user/purchaser to a "Brother" Authorized Service Centre, together with your Canadian Proof of Purchase in the form of a Sales Receipt.

When shipping or transporting your MFC/Fax machine, please refer to your Operation Manual for the proper packaging procedures.

For Laser units: Failure to remove the Toner Cartridge (and Toner Drum Unit, waste toner packs or oil bottles on applicable models) during shipping or transport will cause severe damage to the Laser MFC/Fax machine and will void the Warranty.

For Inkjet units: (When shipping your Inkjet MFC/Fax machine remove the ink cartridges and replace them with the original protective parts. If original protective parts are not available, leave ink cartridges installed. Please avoid shipping the unit without original protective parts or ink cartridges.) Damage to your print head resulting from packing the Inkjet MFC/Fax machine without the ink cartridges or the protective parts will void your warranty.

Improper packaging may cause severe damage to the machine during shipping and will void the warranty.

BROTHER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING, WITHOUT LIMITATIONS, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXCEPT TO THE EXTENT THAT ANY WARRANTIES IMPLIED BY LAW CANNOT BE VALIDLY WAIVED.

No oral or written information, advice or representation provided by Brother, its Authorized Service Centres, Distributors, Dealers, Agents or employees, shall create another warranty or modify this warranty. The warranty states Brother's entire liability and your exclusive remedy against Brother for any failure of the MFC/Fax machine to operate properly.

Neither Brother nor anyone else involved in the development, production, or delivery of this MFC/Fax machine shall be liable for any indirect, incidental, special, consequential, exemplary, or punitive damages, including lost profits, arising from the use of or inability to use the product, even if advised by the end user/purchaser of the possibility of such damages. Since some Provinces do not allow the above limitation of liability, such limitation, may not apply to you.

This Limited Warranty gives you specific legal rights and you may also have other rights which vary from Province to Province.

Warranty Service is available at Brother Authorized Service Centres throughout Canada. For Technical Assistance or for the name and location of your nearest Authorized Service Centre call 1-877-Brother.

At your side.
brother®

Internet support: support@brother.ca or browse Brother's Web Site www.brother.ca.

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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's 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.



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.

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

This User's Guide does not contain all the information about the machine such as how to use the advanced features of Printer, Scanner and Network (DCP-560CN only). When you are ready to learn detailed information about these operations, read the **Software User's Guide** and **Network User's Guide**.

Viewing Documentation

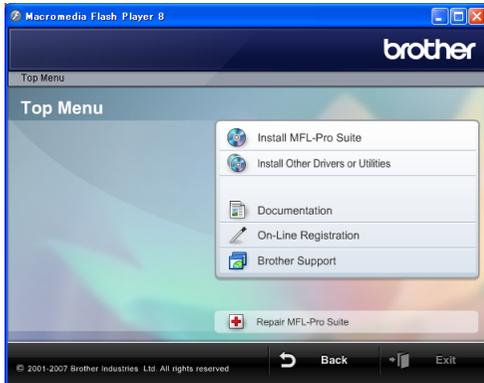
Viewing Documentation (For Windows®)

To view the documentation, from the **Start** menu, point to **Brother, DCP-XXXX** (where XXXX is your model name) from the programs group, and then choose **User's Guides in HTML format**.

If you have not installed the software, you can find the documentation by following the instructions below:

- 1 Turn on your PC. Insert the Brother CD-ROM into your CD-ROM drive.
- 2 If the model name screen appears, click your model name.

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



Note

If this window does not appear, use Windows® Explorer to run the start.exe program from the root directory of the Brother CD-ROM.

- 4 Click **Documentation**.
- 5 Click the documentation you want to read.

- **HTML documents: Software User's Guide and Network User's Guide** in HTML format.

This format is recommended for viewing on your computer.

- **PDF documents: User's Guide** for stand-alone operations, **Software User's Guide** and **Network User's Guide** in PDF format.

This format is recommended for printing the manuals. Click to go to the Brother Solutions Center, where you can view or download the PDF documents. (Internet access and PDF Reader software are required.)

How to find Scanning instructions

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

Software User's Guide

- **Scanning** (For Windows® 2000 Professional/Windows® XP and Windows Vista™)
- **ControlCenter3** (For Windows® 2000 Professional/Windows® XP and Windows Vista™)
- **Network Scanning** (DCP-560CN only)

Scansoft™ PaperPort™ 11SE with OCR How-to-Guides

- The complete ScanSoft™ PaperPort™ 11SE with OCR How-to-Guides can be viewed from the Help selection in the ScanSoft™ PaperPort™ 11SE with OCR application.

Viewing Documentation (For Macintosh®)

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



- 2 Double-click the **Documentation** icon.
- 3 Double-click your language folder.
- 4 Double-click the top page file to view the **Software User's Guide** and **Network User's Guide** in HTML format.
- 5 Click the documentation you want to read.
 - **Software User's Guide**
 - **Network User's Guide**
(DCP-560CN only)

How to find Scanning instructions

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

Software User's Guide

- *Scanning* (For Mac OS® X 10.2.4 or greater)
- *ControlCenter2* (For Mac OS® X 10.2.4 or greater)
- *Network Scanning* (For Mac OS® X 10.2.4 or greater)
(DCP-560CN only)

Presto!® PageManager® User's Guide

- The complete Presto!® PageManager® User's Guide can be viewed from the Help selection in the Presto!® PageManager® application.

Accessing Brother Support (For Windows®)

You can find all the contacts you will need, such as Web support (Brother Solutions Center), Customer Service and Brother Authorized Service Centers on *For Customer Service* on page ii and on the Brother CD-ROM.

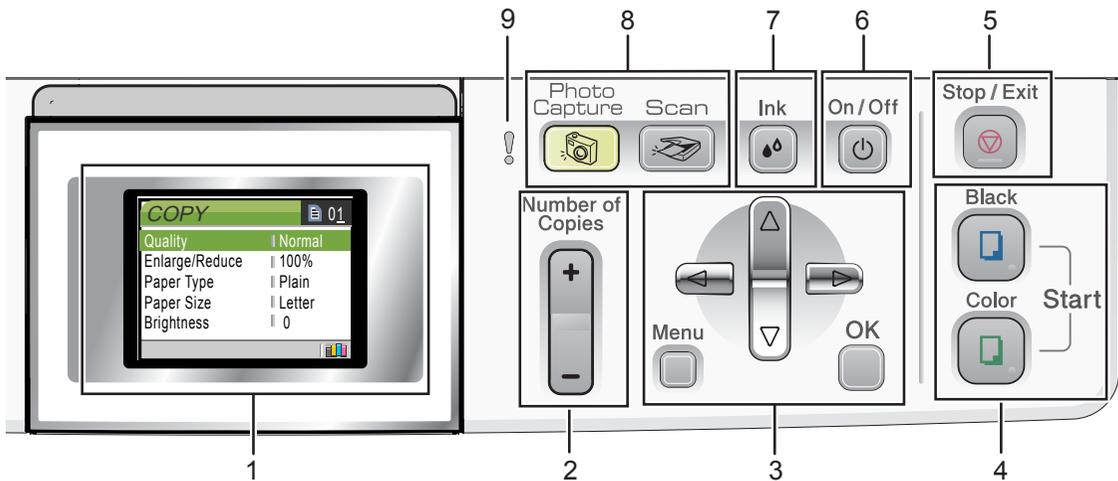
- Click **Brother Support** on the main menu. The following screen will appear:



- To access our web site (www.brother.com), click **Brother Home Page**.
- To view all Brother Numbers, including Customer Service numbers for the USA and Canada, click **Support Information**.
- To access the USA Brother online shopping mall (www.brothermall.com) for additional product and services information, click **Brother Mall.com**.
- To access Canada's Brother online shopping mall (www.brother.ca) for additional product and services information, click **Shop Online (Canada)**.
- For the latest news and product support information (<http://solutions.brother.com>), click **Brother Solutions Center**.
- To visit our web site for original/genuine Brother Supplies (<http://www.brother.com/original/>), click **Supplies Information**.
- To return to the main page, click **Back** or if you have finished, click **Exit**.

Control panel overview

The **DCP-350C** and **DCP-560CN** have the same control panel keys.



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 to program the machine.
- **OK**
Lets you choose a setting.

4 Start keys:

- **Color Start**
Lets you start making copies in full color. Also lets you start a scanning operation (in color or black & white, depending on the scanning setting in the ControlCenter software).
- **Black Start**
Lets you start making copies in black & white. Also lets you start a scanning operation (in color or black & white, 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 and off.

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

7 **Ink**

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

8 **Mode keys**■  **Scan**

Lets you access Scan mode.

■  **PhotoCapture**

Lets you access PhotoCapture Center[®] mode.

9  **Warning LED**

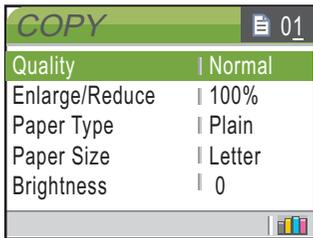
Turns red when the LCD displays an error or an important status message.

**Note**

Most of the illustrations in this User's Guide show the DCP-350C.

LCD display screen

The LCD display screen shows the mode the machine is in, the current settings, and the available ink volume.



1

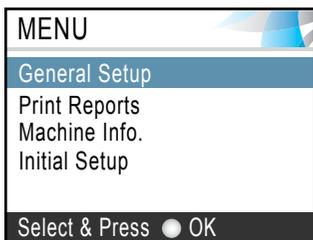
1 Ink indicator

Lets you see the available ink volume.

Basic Operations

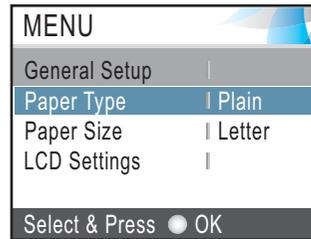
The following steps show how to change a setting in the machine. In this example the Paper Type setting is changed from Plain Paper to Inkjet Paper.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose General Setup.



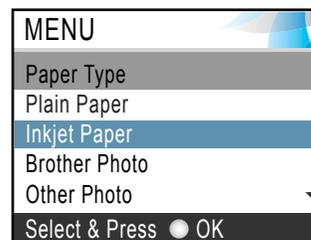
Press **OK**.

- 3 Press **▲** or **▼** to choose Paper Type.



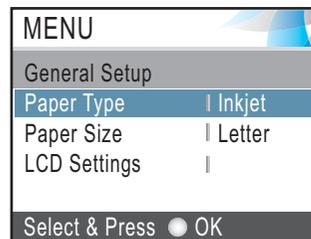
Press **OK**.

- 4 Press **▲** or **▼** to choose Inkjet Paper.



Press **OK**.

You can see the current setting on the LCD:



- 5 Press **Stop/Exit**.

Status LED indications

The Status LED (light emitting diode) is a light that shows the status of the machine, as shown in the table.



LED	DCP status	Description
! Off	Ready	The DCP is ready for use.
!	Cover open	The cover is open. Close the cover. (See <i>Error messages</i> on page 69.)
	Ink empty	Replace the Ink cartridge with a new one. (See <i>Replacing the ink cartridges</i> on page 74.)
	Paper error	Put paper in the tray or clear the paper jam. Check the LCD message. (See <i>Error messages</i> on page 69.)
	Other messages	Check the LCD message. (See <i>Error messages</i> on page 69.)

Printing Reports

The following reports are available:

- **Help List**
A help list about how to quickly program your machine.
- **User Settings**
Lists your settings.
- **Network Config (DCP-560CN only)**
Lists your Network settings.

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 **Black Start**.
- 5 Press **Stop/Exit**.

2

Loading documents and paper

Loading documents

You can make copies, and scan from the ADF (automatic document feeder) and from the scanner glass.

Using the ADF (DCP-560CN only)

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

Recommended environment

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

Document Sizes Supported

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

How to load documents

! CAUTION

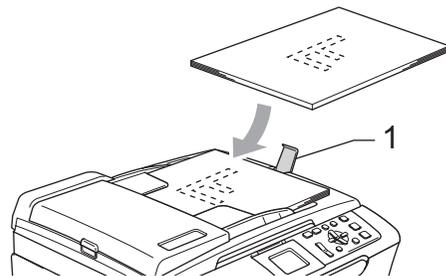
DO NOT pull on the document while it is feeding.

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.

Using the scanner glass

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

Document Sizes Supported

Length:	Up to 11.7 in. (297 mm)
Width:	Up to 8.5 in. (215.9 mm)
Weight:	Up to 4.4 lb (2 kg)

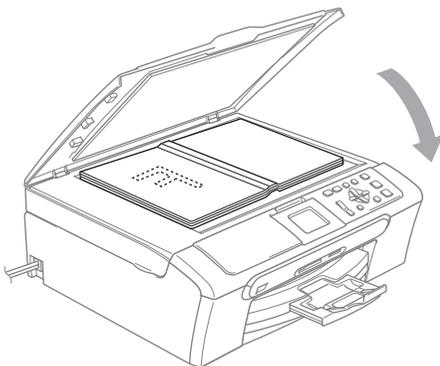
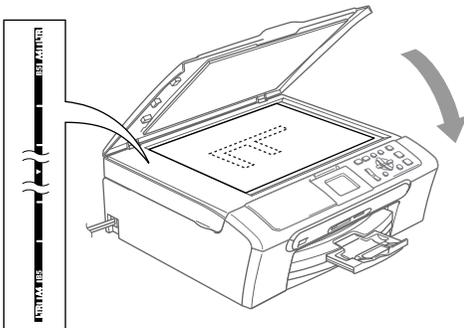
How to load documents



Note

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

- 1 Lift the document cover.
- 2 Using the document guidelines on the left, center the document face down on the scanner glass.



- 3 Close the document cover.

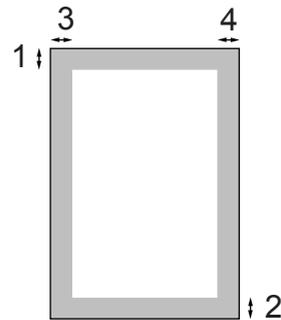
! CAUTION

If you are scanning a book or thick document, DO NOT slam the cover down or press on it.

2

Scannable area

The scannable area depends on the settings in the application you are using. The figures below show the areas you cannot scan on A4 or Letter paper.



Usage	Document Size	Top (1) Bottom (2)	Left (3) Right (4)
Copy	Letter	0.12 in. (3 mm)	0.12 in. (3 mm)
	A4	0.12 in. (3 mm)	0.12 in. (3 mm)
Scan	Letter	0.12 in. (3 mm)	0.12 in. (3 mm)
	A4	0.12 in. (3 mm)	0 in. (0 mm)

Acceptable paper and other media

The print quality can be affected by the type of paper you are using in the machine.

To get the best print quality for the settings you have chosen, always set the Paper Type to match the type of paper you load.

You can use plain paper, inkjet paper (coated paper), glossy paper, transparencies and envelopes.

We recommend testing various paper types before buying large quantities.

For best results, use the Brother paper.

- When you print on inkjet paper (coated paper), transparencies and photo paper, be sure to choose the proper media in the **'Basic'** tab of the printer driver or in the Paper Type setting of the menu (See *Paper Type* on page 30).
- When you print on Brother photo paper, load the instruction sheet included with the photo paper in the paper tray first, and then put the photo paper on top of the instruction sheet.
- When you use transparencies or photo paper, remove each sheet at once to prevent smudging or paper jams.
- Avoid touching the printed surface of the paper immediately after printing; the surface may not be completely dry and may stain your fingers.

Recommended media

To get the best print quality, we suggest using Brother paper. (See table below.)

We recommend using '3M Transparency Film' when you print on transparencies.

Brother paper

Paper Type	Item
Letter Plain	BP60PL (USA only)
Letter Glossy Photo	BP61GLL
Letter Inkjet (Matte)	BP60ML (USA only)
4 × 6 in. Glossy Photo	BP61GLP

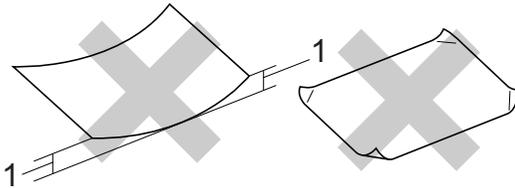
Handling and using media

- Store paper in its original packaging, and keep it sealed. Keep the paper flat and away from moisture, direct sunlight and heat.
- The coated side of photo paper is shiny. Avoid touching the shiny (coated) side. Load photo paper with the shiny side facing down.
- Avoid touching either side of transparencies because they absorb water and perspiration easily, and this may cause decreased output quality. Transparencies designed for laser printers/copiers may stain your next document. Use only transparencies recommended for inkjet printing.

Improper Setup

DO NOT use the following kinds of paper:

- Damaged, curled, wrinkled, or irregularly shaped paper



1 0.08 in. (2 mm) or longer

- Extremely shiny or highly textured paper
- Paper already printed on by a printer
- Paper that cannot be arranged uniformly when stacked
- Paper made with a short grain

Paper capacity of the output paper tray

Up to 50 sheets of 20 lb Letter or 80 g/m² A4 paper.

- Transparencies or photo paper must be picked up from the output paper tray one page at a time to avoid smudging.

Choosing the right media

Paper type and size for each operation

Paper Type	Paper Size		Usage		
			Copy	Photo Capture	Print
Cut Sheet	Letter	8 1/2 × 11 in. (216 × 279 mm)	Yes	Yes	Yes
	A4	8.3 × 11.7 in. (210 × 297 mm)	Yes	Yes	Yes
	Legal	8 1/2 × 14 in. (216 × 356 mm)	Yes	–	Yes
	Executive	7 1/4 × 10 1/2 in. (184 × 267 mm)	–	–	Yes
	JIS B5	7.2 × 10.1 in. (182 × 257 mm)	–	–	Yes
	A5	5.8 × 8.3 in. (148 × 210 mm)	Yes	–	Yes
	A6	4.1 × 5.8 in. (105 × 148 mm)	–	–	Yes
Cards	Photo	4 × 6 in. (10 × 15 cm)	Yes	Yes	Yes
	Photo L	3 1/2 × 5 in. (89 × 127 mm)	–	–	Yes
	Photo 2L	5 × 7 in. (13 × 18 cm)	–	Yes	Yes
	Index Card	5 × 8 in. (127 × 203 mm)	–	–	Yes
	Post Card 1	3.9 × 5.8 in. (100 × 148 mm)	–	–	Yes
	Post Card 2 (Double)	5.8 × 7.9 in. (148 × 200 mm)	–	–	Yes
Envelopes	C5 Envelope	6.4 × 9 in. (162 × 229 mm)	–	–	Yes
	DL Envelope	4.3 × 8.7 in. (110 × 220 mm)	–	–	Yes
	COM-10	4 1/8 × 9 1/2 in. (105 × 241 mm)	–	–	Yes
	Monarch	3 7/8 × 7 1/2 in. (98 × 191 mm)	–	–	Yes
	JE4 Envelope	4.1 × 9.3 in. (105 × 235 mm)	–	–	Yes
	Transparencies	Letter	8 1/2 × 11 in. (216 × 279 mm)	Yes	–
A4		8.3 × 11.7 in. (210 × 297 mm)	Yes	–	Yes

Paper weight, thickness and capacity

Paper Type		Weight	Thickness	No. of sheets
Cut Sheet	Plain Paper	17 to 32 lb (64 to 120 g/m ²)	0.003 to 0.006 in. (0.08 to 0.15 mm)	100 ¹
	Inkjet Paper	17 to 53 lb (64 to 200 g/m ²)	0.003 to 0.01 in. (0.08 to 0.25 mm)	20
	Glossy Paper	Up to 58 lb (Up to 220 g/m ²)	Up to 0.01 in. (Up to 0.25 mm)	20 ²
Cards	Photo 4"×6"	Up to 64 lb (Up to 240 g/m ²)	Up to 0.01 in. (Up to 0.28 mm)	20 ²
	Index Card	Up to 32 lb (Up to 120 g/m ²)	Up to 0.006 in. (Up to 0.15 mm)	30
	Post Card	Up to 53 lb (Up to 200 g/m ²)	Up to 0.01 in. (Up to 0.23 mm)	30
Envelopes		20 to 25 lb (75 to 95 g/m ²)	Up to 0.02 in. (Up to 0.52 mm)	10
Transparencies		–	–	10

¹ Up to 50 sheets for Legal size paper 20 lb (80 g/m²).

Up to 100 sheets of Letter/A4 20 lb (80 g/m²) paper.

² For Photo 4"×6" and Photo L 3.5"×5" paper, use the photo bypass tray (in USA) or the photo paper tray (in Canada). (See *Loading photo paper* on page 19.)

Loading paper and other media

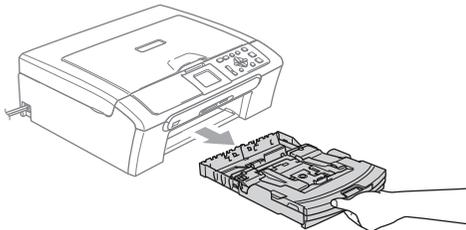


Note

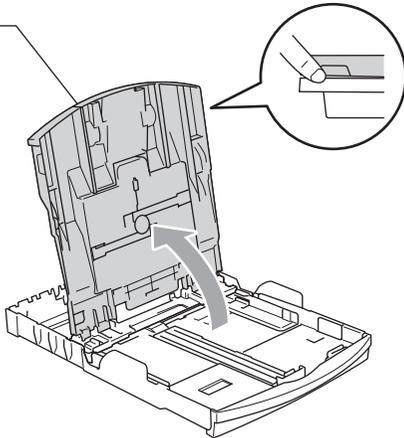
To print on Photo (4"×6") or Photo L (3.5"×5") paper, you must use the photo bypass tray. (See *Loading photo paper* on page 19.)

1

- 1 If the paper support flap is open, close it, and then pull the paper tray completely out of the machine. Lift the output paper tray cover (1).

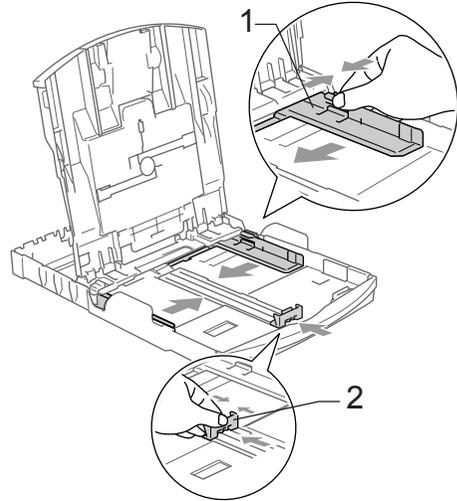


1



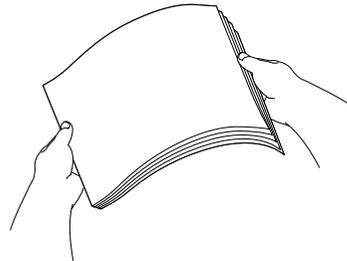
2

- 2 Press and slide the paper side guides (1) and paper length guide (2) to fit the paper size.



3

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

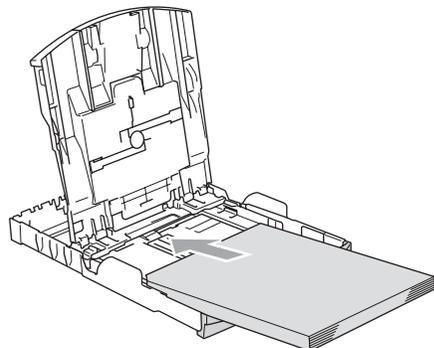


Note

Always make sure that the paper is not curled.

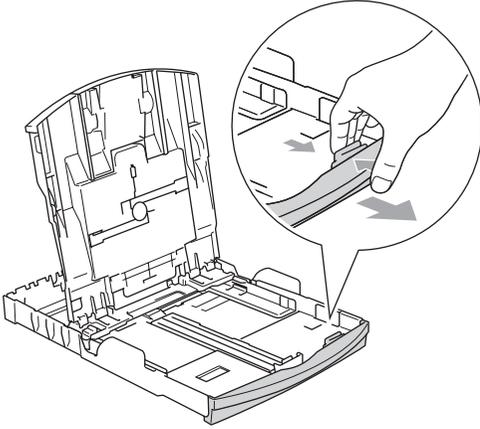
4

- 4 Gently put the paper into the paper tray print side down and top edge first. Check that the paper is flat in the tray.

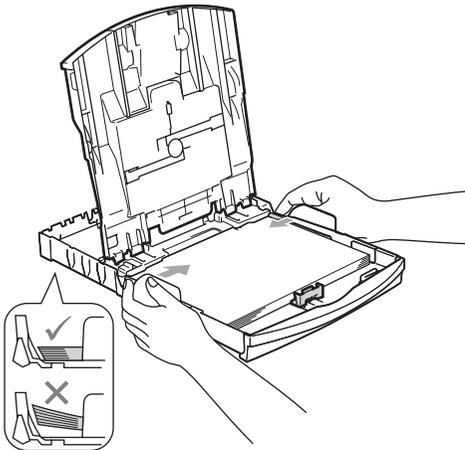


Note

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

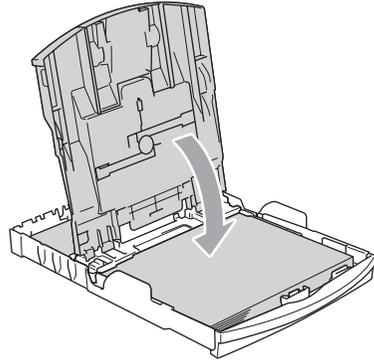


- 5 Gently adjust the paper side guides with both hands to the paper. Make sure the paper side guides touch the sides of the paper.

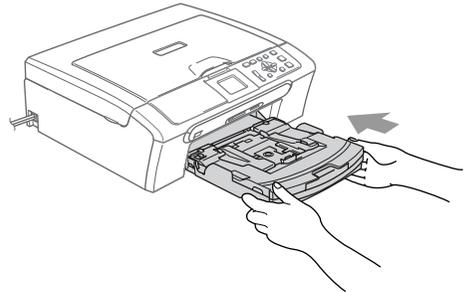
**Note**

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.

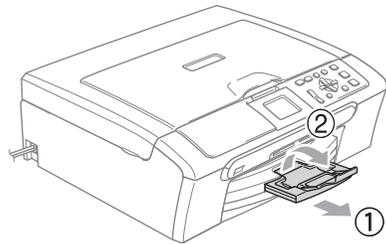
- 6 Close the output paper tray cover.



- 7 Slowly push the paper tray completely into the machine.



- 8 While holding the paper tray in place, pull out the paper support (1) until it clicks and unfold the paper support flap (2).

**Note**

Do not use the paper support flap for Legal paper.

Loading envelopes and post cards

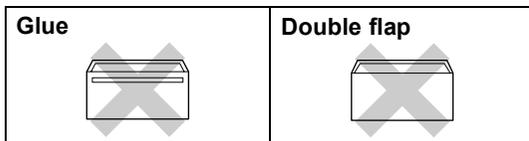
About envelopes

- Use envelopes that weigh from 20 to 25 lb (75 to 95 g/m²).
- Some envelopes need margin settings to be set in the application. Make sure you do a test print first.

! CAUTION

DO NOT use any of the following types of envelopes, as they will cause paper feed problems:

- That are of a baggy construction.
- That are embossed (have raised writing on them).
- That have clasps or staples.
- That are pre-printed on the inside.



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

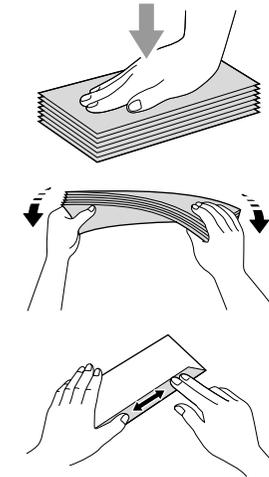
How to load envelopes and post cards

- 1 Before loading, press the corners and sides of the envelopes or post cards to make them as flat as possible.

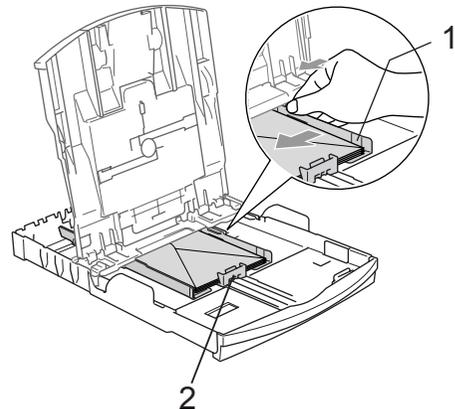


Note

If the envelopes or post cards are 'double-feeding,' put one envelope or post card in the paper tray at a time.

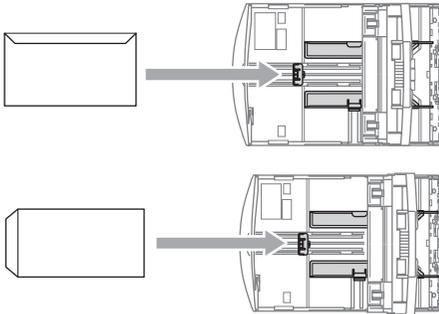


- 2 Put the envelopes or post cards into the paper tray with the address side down and the leading edge in first as shown in the illustration. Slide the paper side guides (1) and paper length guide (2) to fit the size of the envelopes or post cards.



If you have problems when printing on envelopes, try the following suggestions:

- 1 Open the envelope flap.
- 2 Make sure the open flap is either to the side of the envelope or to the back edge of the envelope when printing.
- 3 Adjust the size and margin in your application.



Loading photo paper

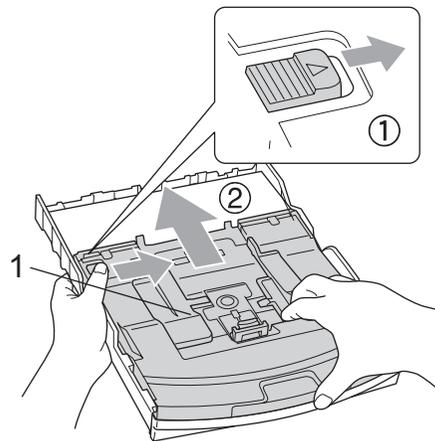


Note

In Canada, the **photo bypass tray** is called the **photo paper tray**.

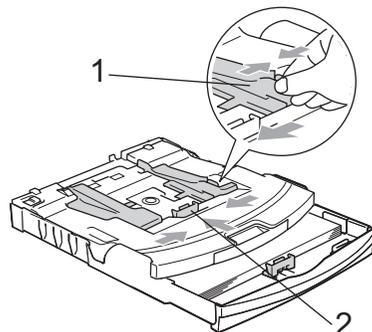
Use the photo bypass tray, which has been assembled on the top of the output paper tray cover, to print on photo 4" × 6" and photo L 3.5" × 5" size paper. When you use the photo bypass tray, you do not have to take out the paper that is in the tray beneath it.

- 1 Press the photo bypass tray release button with your left thumb and push the photo bypass tray backward until it clicks into the photo printing position.



1 Photo Bypass Tray

- 2 Press and slide the paper side guides (1) and paper length guide (2) to fit the paper size.

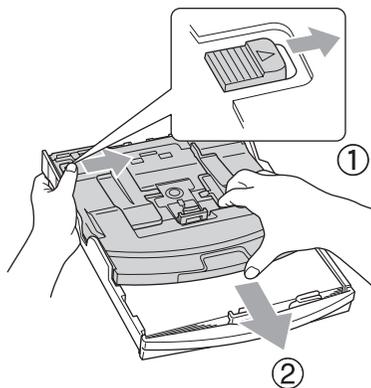


- Put the photo paper into the photo bypass tray and gently adjust the paper side guides to the paper. Make sure the paper side guides touch the sides of the paper.

 **Note**

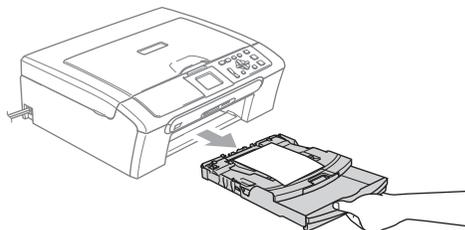
- Be careful that you do not push the paper in too far; it may lift at the back of the tray and cause feed problems.
- Always make sure that the paper is not curled.

- When you have finished printing photos return the photo bypass tray to the normal printing position. Press the photo bypass tray release button with your left thumb and pull the photo bypass tray forward until it clicks.



Removing small printouts from the machine

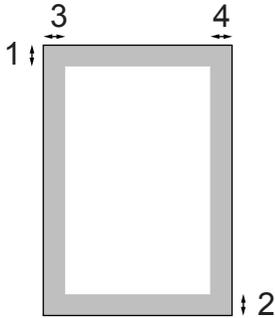
When the machine ejects small paper onto the output paper tray you may not be able to reach it. Make sure printing has finished, and then pull the tray completely out of the machine.



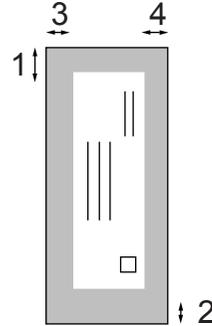
Printable area

The printable area depends on the settings in the application you are using. The figures below show the unprintable areas on cut sheet paper and envelopes. The machine can only print in the shaded areas when the Borderless print feature is available and turned on.

Cut Sheet Paper



Envelopes



	Top (1)	Bottom (2)	Left (3)	Right (4)
Cut Sheet	0.12 in. (3 mm)	0.12 in. (3 mm)	0.12 in. (3 mm)	0.12 in. (3 mm)
Envelopes	0.47 in. (12 mm)	0.95 in. (24 mm)	0.12 in. (3 mm)	0.12 in. (3 mm)



Note

The Borderless feature is not available for envelopes.

3

General setup

Paper settings

Paper Type

To get the best print quality, set the machine for the type of paper you are using.

- 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

The machine ejects paper with printed surfaces face up onto the paper tray in front of the machine. When you use transparencies or glossy paper, remove each sheet at once to prevent smudging or paper jams.

Paper Size

You can use five sizes of paper for printing copies: Letter, Legal, A4, A5, and 4 × 6 in. (10 × 15 cm). When you change the size of paper you load in the machine, you will need to change the paper size setting at the same time.

- 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 **4"×6"**. Press **OK**.
- 5 Press **Stop/Exit**.

LCD display

LCD Contrast

You can adjust the LCD contrast for a sharper and more vivid display. If you are having difficulty reading the LCD, try changing the contrast setting.

- 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

You can adjust the brightness of the LCD backlight. If you are having difficulty reading the LCD, try changing the brightness setting.

- 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 or Dark**. Press **OK**.
- 6 Press **Stop/Exit**.

Setting the Dim Timer for the backlight

You can set how long the LCD backlight stays on after the last key press.

- 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

You can set how long the LCD stays on after the last key press. This is a power saving feature. The machine can print and scan when the LCD is off.

- 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**.



Note

When the display is off you can press any key to turn it back on.



Copy

Making copies

26

4

Making copies

How to copy

Making a single copy

- 1 Load your document.
(See *Loading documents* on page 10.)
- 2 Press **Black Start** or **Color Start**.

Making multiple copies

You can make up to 99 copies.

- 1 Load your document.
(See *Loading documents* on page 10.)
- 2 Press **+** or **-** repeatedly until the number of copies you want appears (up to 99).
- 3 Press **Black Start** or **Color Start**.



Note

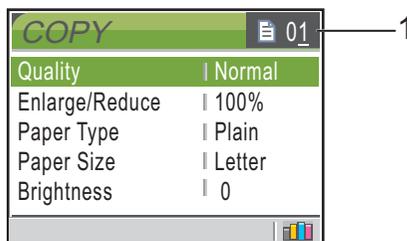
To sort the copies, press **▲** or **▼** to choose **Stack/Sort**. (See *Sorting copies using the ADF (DCP-560CN only)* on page 29.)

Stop copying

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

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.

- Quality (See page 27.)
- Enlarge/Reduce (See page 27.)
- Paper Type (See page 30.)
- Paper Size (See page 30.)
- Brightness (See page 29.)
- Contrast (See page 29.)
- Color Adjust (See page 29.)
- Stack/Sort (DCP-560CN only) (See page 29.)
- Page Layout (See page 28.)
- Set New Default (See page 30.)
- Factory Reset (See page 30.)

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

You can change the copy settings temporarily for the next copy.

These settings are temporary, and the machine returns to its default settings 1 minute after copying.

If you have finished choosing settings, press **Black Start** or **Color Start**.

If you want to choose more settings, press **▲** or **▼**.



Note

You can save some of the settings that you use most often by setting them as default. These settings will stay until you change them again. (See *Setting your changes as the new default* on page 30.)

Changing copy quality

You can choose the copy quality. The factory setting is *Normal*.

Fast	Fast copy speed and lowest amount of ink used. Use this setting to save time (documents to be proof read, large documents or many copies).
Normal	Recommended setting for ordinary printouts. Good copy quality with adequate copy speed.
Best	Use this setting to copy precise images such as photographs. The highest resolution and slowest speed.

- 1 Load your document.
- 2 Enter the number of copies you want.
- 3 Press ▲ or ▼ to choose *Quality*. Press **OK**.
- 4 Press ▲ or ▼ to choose *Fast*, *Normal* or *Best*. Press **OK**.
- 5 If you do not want to change additional settings, press **Black Start** or **Color Start**.

Enlarging or reducing the image copied

You can choose an enlargement or reduction ratio.

- 1 Load your document.
- 2 Enter the number of copies you want.
- 3 Press ▲ or ▼ to choose *Enlarge/Reduce*. Press **OK**.

50%
69% A4→A5
78% (DCP-350C)
78% LGL→LTR (DCP-560CN)
83% (DCP-350C)
83% LGL→A4 (DCP-560CN)
93% A4→LTR
97% LTR→A4
100%*
104% EXE→LTR
142% A5→A4
186% 4"x6"→LTR
198% 4"x6"→A4
200%
Custom (25-400%)

- 4 Do one of the following.
 - Press ▲ or ▼ to choose the enlargement or reduction ratio you want. Press **OK**.
 - Press ▲ or ▼ to choose *Custom (25-400%)*. Press + or - to enter an enlargement or reduction ratio from 25% to 400%. Press **OK**.
- 5 If you do not want to change additional settings, press **Black Start** or **Color Start**.



Note

Page Layout Options are not available with *Enlarge/Reduce* settings.

Making N in 1 copies or a poster (page layout)

The N in 1 copy feature can help you save paper by letting you copy two or four pages onto one printed page.

You can also make a poster. When you use the poster feature your machine divides your document into sections, then enlarges the sections so you can assemble them into a poster. If you want to print a poster, use the scanner glass.

Important

- Please make sure paper size is set to Letter, Legal or A4.
- You cannot use the *Enlarge/Reduce* setting with the N in 1 and Poster features.
- If you are producing multiple color copies, N in 1 copy is not available.
- (P) means Portrait and (L) means Landscape.
- You can only make one poster copy at a time.

- 1 Load your document.
- 2 Enter the number of copies you want.
- 3 Press ▲ or ▼ to choose *Page Layout*. Press **OK**.
- 4 Press ▲ or ▼ to choose *Off(1 in 1)*, *2 in 1 (P)*, *2 in 1 (L)*, *4 in 1 (P)*, *4 in 1 (L)* or *Poster(3 x 3)*. Press **OK**.
- 5 If you do not want to change additional settings, press **Black Start** or **Color Start** to scan the page. If you are making a poster or placed the document in the ADF, the machine scans the pages and starts printing. **If you are using the scanner glass, go to 6.**

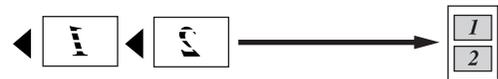
- 6 After the machine scans the page, press + (Yes) to scan the next page.
- 7 Place the next page on the scanner glass. Press **OK**. Repeat 6 and 7 for each page of the layout.
- 8 After all the pages have been scanned, press - (No) to finish.

Place your document face down in the direction shown below.

■ 2 in 1 (P)



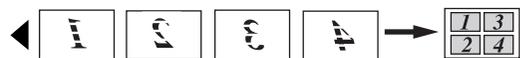
■ 2 in 1 (L)



■ 4 in 1 (P)

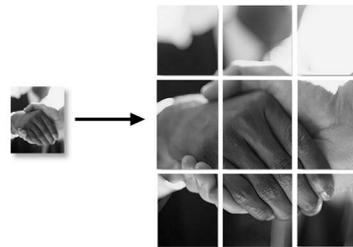


■ 4 in 1 (L)



■ Poster (3 x 3)

You can make a poster size copy of a photograph.



Sorting copies using the ADF (DCP-560CN only)

You can sort multiple copies. Pages will be stacked in reverse order.

- 1 Load your document.
- 2 Enter the number of copies you want.
- 3 Press ▲ or ▼ to choose `Stack/Sort`. Press **OK**.
- 4 Press ▲ or ▼ to choose `Sort`. Press **OK**.
- 5 If you do not want to change additional settings, press **Black Start** or **Color Start**.



Note

Page Layout options are not available with `Sort` settings.

Adjusting Brightness, Contrast and Color

Brightness

You can adjust the copy brightness to make copies darker or lighter.

- 1 Load your document.
- 2 Enter the number of copies you want.
- 3 Press ▲ or ▼ to choose `Brightness`. Press **OK**.
- 4 Press ▲ to make a lighter copy or press ▼ to make a darker copy. Press **OK**.
- 5 If you do not want to change additional settings, press **Black Start** or **Color Start**.

Contrast

You can adjust the copy contrast to help an image look sharper and more vivid.

- 1 Load your document.
- 2 Enter the number of copies you want.
- 3 Press ▲ or ▼ to choose `Contrast`. Press **OK**.
- 4 Press ▲ to increase the contrast or press ▼ to decrease the contrast. Press **OK**.
- 5 If you do not want to change additional settings, press **Black Start** or **Color Start**.

Color Saturation

- 1 Load your document.
- 2 Enter the number of copies you want.
- 3 Press ▲ or ▼ to choose `Color Adjust`. Press **OK**.
- 4 Press ▲ or ▼ to choose `Red`, `Green` or `Blue`. Press **OK**.
- 5 Press ▲ to increase the color saturation or press ▼ to decrease the color saturation. Press **OK**.
- 6 Do one of the following:
 - If you want to change another color saturation, go to step 4.
 - If you want to change additional settings, press ▲ or ▼ to choose `Exit`. Press **OK**.
 - If you do not want to change additional settings, press **Black Start** or **Color Start**.

Paper options

Paper Type

If you are copying on special paper, set the machine for the type of paper you are using to get the best print quality.

- 1 Load your document.
- 2 Enter the number of copies you want.
- 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 If you do not want to change additional settings, press **Black Start** or **Color Start**.

Paper Size

If copying on paper other than Letter size, you will need to change the paper size setting.

You can copy only on Letter, Legal, A4, A5 or Photo Card [4 in. (W) × 6 in. (H) or 10 cm (W) × 15 cm (H)] paper.

- 1 Load your document.
- 2 Enter the number of copies you want.
- 3 Press ▲ or ▼ to choose **Paper Size**. Press **OK**.
- 4 Press ▲ or ▼ to choose **Letter**, **Legal**, **A4**, **A5** or **4"×6"**. Press **OK**.
- 5 If you do not want to change additional settings, press **Black Start** or **Color Start**.

Setting your changes as the new default

You can save the copy settings for **Quality**, **Paper Type**, **Brightness**, **Contrast** and **Color Adjust** that you use most often by setting them as the default settings. These settings will stay until you change them again.

- 1 Press ▲ or ▼ to choose your new setting. Press **OK**. Repeat this step for each setting you want to change.
- 2 After changing the last setting, press ▲ or ▼ to choose **Set New Default**. Press **OK**.
- 3 Press **+** to choose **Yes**.
- 4 Press **Stop/Exit**.

Restoring all settings to the factory settings

You can restore all the settings you have changed to the factory settings. These settings will stay until you change them again.

- 1 Press ▲ or ▼ to choose **Factory Reset**. Press **OK**.
- 2 Press **+** to choose **Yes**.
- 3 Press **Stop/Exit**.



Walk-up Photo Printing

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PhotoCapture Center[®]: Printing photos from a memory card or USB Flash memory drive

PhotoCapture Center[®] Operations

Printing from a memory card or USB Flash memory drive without a PC

Even if your machine is not connected to your computer, you can print photos directly from digital camera media or a USB Flash memory drive. (See *Print Images* on page 35.)

Scanning to a memory card or USB Flash memory drive without a PC

You can scan documents and save them directly to a memory card or USB Flash memory drive. (See *Scan to a memory card or USB Flash memory drive* on page 46.)

Using PhotoCapture Center[®] from your computer

You can access a memory card or USB Flash memory drive that is inserted in front of the machine from your PC.

(See *PhotoCapture Center[®] for Windows[®] or Remote Setup & PhotoCapture Center[®] for Macintosh[®]* in the Software User's Guide on the CD-ROM.)

Using a memory card or USB Flash memory drive

Your Brother machine has media drives (slots) for use with popular digital camera media: CompactFlash[®], Memory Stick[®], Memory Stick Pro[™], SecureDigital[™], MultiMediaCard[™], xD-Picture Card[™] and USB Flash memory drives.



CompactFlash[®]



Memory Stick[®]

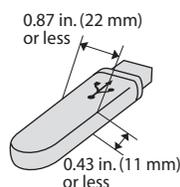
Memory Stick Pro[™]



SecureDigital[™]
MultiMediaCard[™]



xD-Picture Card[™]



USB Flash memory
drive

- 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.

The PhotoCapture Center[®] feature lets you print digital photos from your digital camera at high resolution to get photo quality printing.

Memory cards or a USB Flash memory drive folder structure

To avoid errors, remember the following points:

- The image file extension must be .JPG (Other image file extensions like .JPEG, .TIF, .GIF and so on will not be recognized).
- Walk-up PhotoCapture Center® printing must be performed separately from PhotoCapture Center® operations using the PC. (Simultaneous operation is not available.)
- IBM Microdrive™ is not compatible with the machine.
- The machine can read up to 999 files on a memory card or USB Flash memory drive.
- CompactFlash® Type II is not supported.
- This product supports xD-Picture Card™ Type M / Type H.
- This product supports SecureDigital High Capacity.
- The DPOF file on the memory cards must be in a valid DPOF format. (See *DPOF printing* on page 41.)

Please be aware of the following:

- When printing the INDEX or IMAGE, the PhotoCapture Center® will print all the valid images, even if one or more images have been corrupted. The corrupted image will not be printed.

■ (memory card users)

Your machine is designed to read memory cards that have been formatted by a digital camera.

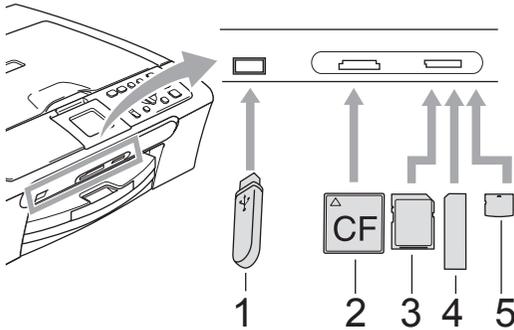
When a digital camera formats a memory card it creates a special folder into which it copies image data. If you need to modify the image data stored on a memory card with your PC, we recommend that you do not modify the folder structure created by the digital camera. When saving new or modified image files to the memory card we also recommend you use the same folder your digital camera uses. If the data is not saved to the same folder, the machine may not be able to read the file or print the image.

■ (USB Flash memory drive users)

This machine supports USB Flash memory drives that has been formatted by Windows®.

Getting started

Firmly put a memory card or USB Flash memory drive into the proper slot.

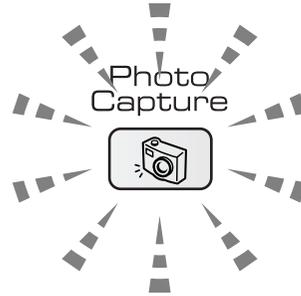


- 1 USB Flash memory drive
- 2 CompactFlash®
- 3 SecureDigital™, MultiMediaCard™
- 4 Memory Stick®, Memory Stick Pro™
- 5 xD-Picture Card™

! CAUTION

The USB direct interface supports only a USB Flash memory drive, a PictBridge compatible camera, or a digital camera that uses the USB mass storage standard. Any other USB devices are not supported.

PhotoCapture key lights:



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

! CAUTION

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

The machine can only read one memory card or USB Flash memory drive at a time so do not put more than one device in the slot.

Entering PhotoCapture mode

After you insert the memory card or USB Flash memory drive, press the



(PhotoCapture) key to illuminate it in green and display the PhotoCapture options on the LCD.

The LCD shows:



Press **▲** or **▼** to scroll through the PhotoCapture key options.

- View Photo(s) (See page 35.)
- Print Index (See page 35.)
- Print Photos (See page 36.)
- Photo Effects (See page 37.)
- Search by Date (See page 39.)
- Print All Photos (See page 40.)
- Slide show (See page 40.)
- Trimming (See page 41.)



Note

If your digital camera supports DPOF printing, see *DPOF printing* on page 41.

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

Print Images

View Photo(s)

You can preview your photos on the LCD before you print them. If your photos are large files there may be a delay before each photo is displayed on the LCD.

- 1 Make sure you have put a memory card or USB Flash memory drive in the proper 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 settings. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.

5

Print Index (Thumbnails)

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



→ No. 1
01.JPG

01_01_2008
100KB

The PhotoCapture Center® does not recognize any other numbers or file names that your digital camera or PC has used to identify the pictures. You can print a thumbnail page (Index page with 5 images per line). This will show all the pictures on the memory card or USB Flash memory drive.



Note

Only file names that are 8 characters or less will be printed correctly on the index sheet.

- 1 Make sure you have put the memory card or USB Flash memory drive in the proper slot.
Press  (**PhotoCapture**).
- 2 Press ▲ or ▼ to choose **Print Index**. Press **OK**.
- 3 Press ▲ or ▼ to choose the paper settings, **Paper Type** or **Paper Size**. Do one of the following.
 - If you chose **Paper Type**, press **OK** and press ▲ or ▼ to choose the type of paper you are using, **Plain Paper**, **Inkjet Paper**, **Brother Photo** or **Other Photo**. Press **OK**.
 - If you chose **Paper Size**, press **OK** and press ▲ or ▼ to choose the paper size you are using, **Letter** or **A4**. Press **OK**.
 - If you do not want to change the paper settings, go to 4.
- 4 Press **Color Start** to print.

Print Photos

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

- 1 Make sure you have put a memory card or USB Flash memory drive in the proper slot.
Press  (**PhotoCapture**).
- 2 Print the Index. (See *Print Index (Thumbnails)* on page 35.)
- 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**.



Note

Press ▼ to decrease the image number.

- 5 Repeat step 4 until you have entered all the image numbers that you want to print.
(For example, enter 1, **OK**, 3, **OK**, 6, **OK** to print images No.1, No.3 and No.6.)



Note

You can enter up to 12 characters (including commas) for the image numbers 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.
- 8 Do one of the following:
 - Change the print settings. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.

Photo Effects

You can edit and add effects to your photos and view them on the LCD before printing.



Note

- After adding each effect, you can enlarge the view of the image by pressing **Ink**. To go back to the original size, press **Ink** again.
- The Photo Effects feature is supported by technology from Reallusion, Inc. 

Auto Correct

Auto Correct is available for most photos. The machine decides the suitable effect for your photo.

- 1 Make sure you have put a memory card or USB Flash memory drive in the proper slot.
Press  (**PhotoCapture**).
- 2 Press **▲** or **▼** to choose **Photo Effects**.
Press **OK**.
- 3 Press **◀** or **▶** to choose your photo.
Press **OK**.
- 4 Press **▲** or **▼** to choose **Auto Correct**.
Press **OK**.
- 5 Press **+** or **-** repeatedly to enter the number of copies you want.
Press **OK**.
- 6 Do one of the following.
 - Press **OK** and change the print settings. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.



Note

If **Remove Red-Eye** appears on the LCD, press **▲** to remove red-eye from your photo.

Enhance Skin-Tone

Enhance Skin-Tone is best used for adjusting portrait photographs. It detects human skin color in your photos and adjusts the image.

- 1 Make sure you have put a memory card or USB Flash memory drive in the proper slot.
Press  (**PhotoCapture**).
- 2 Press **▲** or **▼** to choose **Photo Effects**.
Press **OK**.
- 3 Press **◀** or **▶** to choose your photo.
Press **OK**.
- 4 Press **▲** or **▼** to choose **Enhance Skin-Tone**.
Press **OK**.
- 5 Do one of the following.
 - Press **OK** if you do not want to change any settings.
 - Press **▲** or **▼** to adjust the effect level manually. Press **OK** when you have finished.
- 6 Press **+** or **-** repeatedly to enter the number of copies you want.
- 7 Do one of the following.
 - Press **OK** and change the print settings. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.

Enhance Scenery

Enhance Scenery is best used for adjusting landscape photographs. It highlights green and blue area in your photo, so that the landscape looks more sharp and vivid.

- 1 Make sure you have put the memory card or USB Flash memory drive in the proper slot.
Press  (**PhotoCapture**).
- 2 Press ▲ or ▼ to choose `Photo Effects`. Press **OK**.
- 3 Press ◀ or ▶ to choose your photo. Press **OK**.
- 4 Press ▲ or ▼ to choose `Enhance Scenery`. Press **OK**.
- 5 Do one of the following.
 - Press **OK** if you do not want to change any settings.
 - Press ▲ or ▼ to adjust the effect level manually. Press **OK** when you have finished.
- 6 Press + or - repeatedly to enter the number of copies you want.
- 7 Do one of the following.
 - Press **OK** and change the print settings. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.

Remove Red-Eye

The machine detects eyes in your photos and will remove red-eye from your photo.



Note

There are some cases when red-eye may not be removed.

- When the face is too small.
- When the face is turning too far up, down, left or right.

- 1 Make sure you have put a memory card or USB Flash memory drive in the proper slot.
Press  (**PhotoCapture**).
- 2 Press ▲ or ▼ to choose `Photo Effects`. Press **OK**.
- 3 Press ◀ or ▶ to choose your photo. Press **OK**.
- 4 Press ▲ or ▼ to choose `Remove Red-Eye`. Press **OK**.
 - When `Remove Red-Eye` is successful, the photo after effect is shown. The adjusted part is shown in a red frame.
 - When `Remove Red-Eye` is unsuccessful, `Unable to Detect Red-Eye` is shown.
Press **OK** to go back to the previous level.



Note

Press ▲ to try `Remove Red-Eye` again.

- When `Remove Red-Eye` is successful, the photo after effect is shown. The adjusted part is shown in a red frame.
 - When `Remove Red-Eye` is unsuccessful, `Unable to Detect Red-Eye` is shown.
Press **OK**.
-
- 5 Press + or - repeatedly to enter the number of copies you want.
 - 6 Do one of the following.
 - Press **OK** and change the print settings. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.

Monochrome

You can convert your photo to black & white.

- 1 Make sure you have put a memory card or USB Flash memory drive in the proper slot.
Press  (**PhotoCapture**).
- 2 Press ▲ or ▼ to choose *Photo Effects*.
Press **OK**.
- 3 Press ◀ or ▶ to choose your photo.
Press **OK**.
- 4 Press ▲ or ▼ to choose *Monochrome*.
Press **OK**.
- 5 Press + or - repeatedly to enter the number of copies you want.
- 6 Do one of the following.
 - Press **OK** and change the print settings. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.

Sepia

You can convert the color of your photo to sepia.

- 1 Make sure you have put a memory card or USB Flash memory drive in the proper slot.
Press  (**PhotoCapture**).
- 2 Press ▲ or ▼ to choose *Photo Effects*.
Press **OK**.
- 3 Press ◀ or ▶ to choose your photo.
Press **OK**.
- 4 Press ▲ or ▼ to choose *Sepia*.
Press **OK**.
- 5 Press + or - repeatedly to enter the number of copies you want.

- 6 Do one of the following.
 - Press **OK** and change the print settings. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.

Search by Date

You can find your photos based on date.

- 1 Make sure you have put a memory card or USB Flash memory drive in the proper slot.
Press  (**PhotoCapture**).
- 2 Press ▲ or ▼ to choose *Search by Date*.
Press **OK**.
- 3 Press ▲ or ▼ to choose the date that you want to search from.
Press **OK**.
- 4 Press ◀ or ▶ to choose your photo.



Note

You can view photos with other dates by pressing ◀ or ▶ continuously. Press ◀ to view an older photo and ▶ to view a newer photo.

- 5 Press + or - repeatedly to enter the number of copies you want.
- 6 Repeat step 4 and step 5 until you have chosen all your photos.
- 7 After you have chosen all your photos, do one of the following:
 - Press **OK** and change the print settings. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.

Print All Photos

You can print all the photos on your memory card.

- 1 Make sure you have put a memory card or USB Flash memory drive in the proper 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 settings. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.

Slide show

You can view all your photos on the LCD using Slide show. You can also choose a photo during the operation.

- 1 Make sure you have put a memory card or USB Flash memory drive in the proper slot.
Press  (**PhotoCapture**).
- 2 Press ▲ or ▼ to choose *Slide show*.
Press **OK**.
- 3 Press **Stop/Exit** to finish Slide show.

Printing a photo during a Slide show

- 1 Press **OK** to stop at one image while Slide show is operating.
- 2 Press + or - repeatedly to enter the number of copies you want.
- 3 Do one of the following:
 - Press **OK** and change the print settings. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.

Trimming

You can trim your photo and print a part of the image.



Note

If your photo is very small or has irregular proportions you may not be able to trim the photo. The LCD will display

Image Too Small. Or

Image Too Long..

- 1 Make sure you have put a memory card or USB Flash memory drive in the proper slot.
Press  (**PhotoCapture**).
- 2 Press **▲** or **▼** to choose **Trimming**.
Press **OK**.
- 3 Press **◀** or **▶** to choose your photo.
Press **OK**.
- 4 Adjust the red frame on your photo. The part inside of the red frame will be printed.
 - Press **+** or **-** to enlarge or reduce the frame size.
 - Press each arrow key to move the position of the frame.
 - Press **Ink** to rotate the frame.
 - Press **OK** when you have finished the frame setting.
- 5 Press **+** or **-** repeatedly to enter the number of copies you want.
- 6 Do one of the following:
 - Press **OK** and change the print settings. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.

DPOF printing

DPOF stands for Digital Print Order Format.

Major digital camera manufacturers (Canon Inc., Eastman Kodak Company, Fuji Photo Film Co. Ltd., Matsushita Electric Industrial Co. Ltd. and Sony Corporation) created this standard to make it easier to print images from a digital camera.

If your digital camera supports DPOF printing, you will be able to choose on the digital camera display the images and number of copies you want to print.

When the memory card (CompactFlash®, Memory Stick®, Memory Stick Pro™, SecureDigital™ MultiMediaCard™ or xD-Picture Card™) with DPOF information is put into your machine, you can print the chosen image easily.

- 1 Make sure you have put a memory card in the proper 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. (See page 42.)
 - If you do not want to change any settings, press **Color Start** to print.



Note

An Invalid DPOF File error can occur if the print order that was created on the camera has been corrupted.

Delete and recreate the print order using your camera to correct this problem.

For instruction on how to delete or recreate the print order, refer to your camera manufacturer's support website or accompanying documentation.

PhotoCapture Center[®] print settings

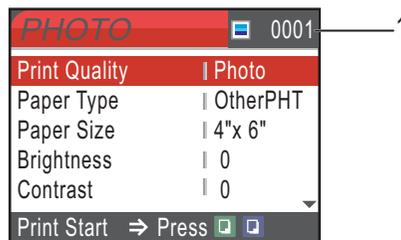
You can change the print settings temporarily for the next printing.

These settings are temporary, and the machine returns to its default settings 3 minutes after printing.



Note

You can save the print settings you use most often by setting them as default. (See *Setting your changes as the new default* on page 46.)



1 No. of prints

(For View Photo(s), Search by Date, Slide Show)

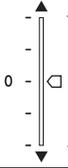
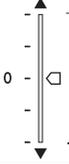
You can see the total number of photos that will be printed.

(For Print All Photos, Print Photos, Photo Effects, Trimming)

You can see the number of copies of each photo that will be printed.

(For DPOF printing) This does not appear.

Menu Selections	Options 1	Options 2	Page
Print Quality (Does not appear for DPOF printing)	Normal/Photo		43
Paper Type	Plain Paper/Inkjet Paper/Br other Photo/Other Photo		43
Paper Size	Letter/A4/4"x6"/5"x 7"	(When A4 or Letter is chosen) 4"x 3" 5"x 3.5" 6"x 4" 7"x 5" 8"x 6" Max. Size	43
Brightness (Does not appear when Photo Effects is chosen.)			44

Menu Selections	Options 1	Options 2	Page
Contrast (Does not appear when Photo Effects is chosen.)			44
True2Life (Does not appear when Photo Effects is chosen.)	On/Off White Balance / Sharpness / Color Density / Exit		44
Cropping	On/Off		45
Borderless	On/Off		45
Set New Default	Yes/No		46
Factory Reset	Yes/No		46

Print Quality

- 1 Press ▲ or ▼ to choose Print Quality. Press **OK**.
- 2 Press ▲ or ▼ to choose Normal or Photo. Press **OK**.
- 3 If you do not want to change additional settings, press **Color Start** to print.

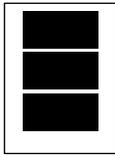
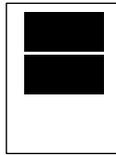
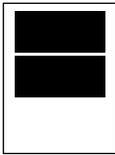
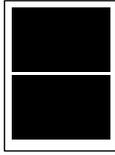
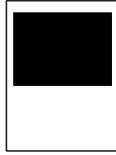
Paper options

Paper Type

- 1 Press ▲ or ▼ to choose Paper Type. Press **OK**.
- 2 Press ▲ or ▼ to choose the type of paper you are using, Plain Paper, Inkjet Paper, Brother Photo or Other Photo. Press **OK**.
- 3 If you do not want to change additional settings, press **Color Start** to print.

Paper and print size

- 1 Press ▲ or ▼ to choose Paper Size. Press **OK**.
- 2 Press ▲ or ▼ to choose the paper size you are using, Letter, 4"x6", 5"x 7" or A4. Press **OK**.
- 3 If you chose Letter or A4, press ▲ or ▼ to choose the print size. Press **OK**.

Example: Printed Position for Letter paper		
1 4"x 3"	2 5"x 3.5"	3 6"x 4"
		
4 7"x 5"	5 8"x 6"	6 Max. Size
		

- 4 If you do not want to change additional settings, press **Color Start** to print.

Adjusting Brightness, Contrast and Color

Brightness

- 1 Press ▲ or ▼ to choose `Brightness`. Press **OK**.
- 2 Press ▲ to make a lighter print or press ▼ to make a darker print. Press **OK**.
- 3 If you do not want to change additional settings, press **Color Start** to print.

Contrast

You can choose the contrast setting. More contrast will make an image look sharper and more vivid.

- 1 Press ▲ or ▼ to choose `Contrast`. Press **OK**.
- 2 Press ▲ to increase the contrast or press ▼ to decrease the contrast. Press **OK**.
- 3 If you do not want to change additional settings, press **Color Start** to print.

Color Enhancement (True2Life®)

You can turn on the color enhancement (True2Life®) feature to print more vivid images. Printing time will be slower.

- 1 Press ▲ or ▼ to choose `True2Life`. Press **OK**.
- 2 Do one of the following:
 - If you want to customize the `White Balance`, `Sharpness` or `Color Density`, press ◀ or ▶ to choose `On`, and then go to step 3.
 - If you do not want to customize, press ◀ or ▶ to choose `Off`. Press **OK** and then go to step 6.
- 3 Press ▲ or ▼ to choose `White Balance`, `Sharpness` or `Color Density`. Press **OK**.
- 4 Press ▲ or ▼ to adjust the degree of the setting. Press **OK**.
- 5 Do one of the following:
 - If you want to customize another color enhancement, press ▲ or ▼ to choose other option.
 - If you want to change another settings, press ▲ or ▼ to choose `Exit`, and then press **OK**.
- 6 If you do not want to change additional settings, press **Color Start** to print.



Note

- **White Balance**

This setting adjusts the hue of the white areas of an image. Lighting, camera settings and other influences will effect the appearance of white. The white areas of a picture may be slightly pink, yellow or some other color. By using this setting, you can correct that effect and bring the white areas back to pure white.

- **Sharpness**

This setting enhances the detail of an image, similar to adjusting the fine focus on a camera. If the image is not in true focus and you cannot see the fine details of the picture, then adjust the sharpness.

- **Color Density**

This setting adjusts the total amount of color in the image. You can increase or decrease the amount of color in an image to improve a washed out or weak picture.

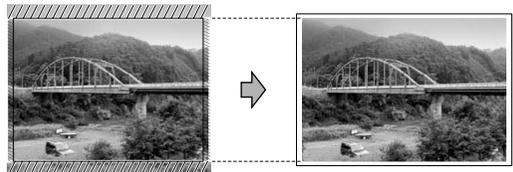
Cropping

If your photo is too long or wide to fit the available space on your chosen layout, part of the image will automatically be cropped.

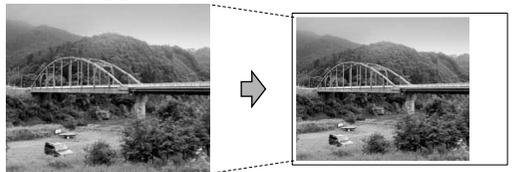
The factory setting is **On**. If you want to print the whole image, turn this setting to **Off**.

- 1 Press ▲ or ▼ to choose **Cropping**. Press **OK**.
- 2 Press ▲ or ▼ to choose **Off** (or **On**). Press **OK**.
- 3 If you do not want to change additional settings, press **Color Start** to print.

Cropping: On



Cropping: Off



Borderless printing

This feature expands the printable area to the edges of the paper. Printing time will be slightly slower.

- 1 Press ▲ or ▼ to choose **Borderless**. Press **OK**.
- 2 Press ▲ or ▼ to choose **Off** (or **On**). Press **OK**.
- 3 If you do not want to change additional settings, press **Color Start** to print.

Setting your changes as the new default

You can save the print settings you use most often by setting them as the default settings. These settings will stay until you change them again.

- 1 Press ▲ or ▼ to choose your new setting. Press **OK**. Repeat this step for each setting you want to change.
- 2 After changing the last setting, press ▲ or ▼ to choose **Set New Default**. Press **OK**.
- 3 Press **+** to choose **Yes**.
- 4 Press **Stop/Exit**.

Restoring all settings to the factory settings

You can restore all the settings you have changed to the factory settings. These settings will stay until you change them again.

- 1 Press ▲ or ▼ to choose **Factory Reset**. Press **OK**.
- 2 Press **+** to choose **Yes**.
- 3 Press **Stop/Exit**.

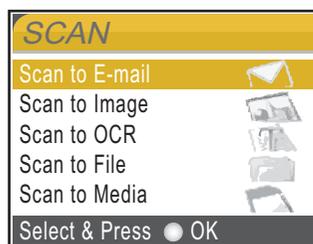
Scan to a memory card or USB Flash memory drive

Entering Scan mode

When you want to scan to a memory card or USB Flash memory drive, press



The LCD shows:



Press ▲ or ▼ to choose **Scan to Media**.

Press **OK**.

If you are not connected to your computer only the **Scan to Media** selection will appear on the LCD.

(See *Scanning for Windows®* or *Macintosh®* in the Software User's Guide on the CD-ROM for details about the other menu options.)

How to scan to a memory card or USB Flash memory drive

You can scan black & white and color documents into a memory card or USB Flash memory drive. Black & white documents will be stored in PDF (*.PDF) or TIFF (*.TIF) file formats. Color documents may be stored in PDF (*.PDF) or JPEG (*.JPG) file formats. The factory setting is 150dpi Color and the default file format is PDF. File names default to the current date that you set using the control panel keys. (For details, see Quick Setup Guide.) For example, the fifth image scanned on June 1, 2007 would be named 06010705.PDF. You can change the color and quality.

Quality	Selectable File Format
150dpi Color	JPEG / PDF
300dpi Color	JPEG / PDF
600dpi Color	JPEG / PDF
200x100dpi B/W	TIFF / PDF
200dpi B/W	TIFF / PDF

- 1 Insert a CompactFlash®, Memory Stick®, Memory Stick Pro™, SecureDigital™, MultiMediaCard™, xD-Picture Card™ or USB Flash memory drive into your machine.



WARNING

DO NOT take out the memory card while **PhotoCapture** is blinking to avoid damaging the card, USB Flash memory drive, or data stored on the device that you are using.

- 2 Load your document.
- 3 Press  (Scan).
- 4 Press ▲ or ▼ to choose Scan to Media. Press **OK**.
- 5 Do one of the following.
 - To change the quality, go to step 6.
 - Press **Black Start** or **Color Start** to start scanning without changing additional settings.
- 6 Press ▲ or ▼ to choose 150dpi Color, 300dpi Color, 600dpi Color, 200x100dpi B/W or 200dpi B/W. Press **OK**.
- 7 Do one of the following.
 - To change the file type, go to step 8.
 - Press **Black Start** or **Color Start** to start scanning without changing additional settings.
- 8 Press ▲ or ▼ to choose JPEG, PDF or TIFF. Press **OK**.



Note

- If you chose color in the resolution setting, you cannot choose TIFF.
- If you chose black & white in the resolution setting, you cannot choose JPEG.

- 9 Press **Black Start** or **Color Start**.

Understanding the Error Messages

Once you are familiar with the types of errors that can occur while you are using PhotoCapture Center[®], you can easily identify and troubleshoot any problems.

■ Hub is Unusable.

This message will appear if a Hub or USB Flash memory drive with a Hub has been put into the USB direct interface.

■ Media Error

This message will appear if you put in a memory card that is either bad or not formatted, or when there is a problem with the media drive. To clear this error, take out the memory card.

■ No File

This message will appear if you try to access a memory card or USB Flash memory drive in the drive (slot) that does not contain a .JPG file.

■ Out of Memory

This message will appear if you are working with images that are too large for the machine's memory. This message will also appear when a memory card or USB Flash memory drive you are using does not have enough space available for the scanned document.

■ Media is Full.

This message will appear if you are trying to save more than 999 files in a memory card or USB Flash memory drive.

■ Unusable Device

This message will appear if a USB device or USB Flash memory drive that is not supported has been connected to the USB direct interface. (For more information, visit us at <http://solutions.brother.com>.) This message can also appear if you connect a broken device to the USB direct interface.

Printing photos directly from a PictBridge camera



Your Brother machine supports the PictBridge standard, allowing you to connect to and print photos directly from any PictBridge compatible digital camera.

If your camera is using the USB Mass Storage standard, you can also print photos from a digital camera without PictBridge. See *Printing photos directly from a digital camera (without PictBridge)* on page 51.

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.

Setting your digital camera

Make sure your camera is in PictBridge mode. The following PictBridge settings may be available from the LCD of your PictBridge compatible camera.

Depending on your camera some of these settings may not be available.

Camera Menu Selections	Options
Paper Size	Letter, A4, 4"×6", Printer Settings (Default setting) ²
Paper Type	Plain Paper, Glossy Paper, Inkjet Paper, Printer Settings (Default setting) ²
Layout	Borderless: On, Borderless: Off, Printer Settings (Default setting) ²
DPOF setting ¹	-
Print Quality	Normal, Fine, Printer Settings (Default setting) ²
Color Enhancement	On, Off, Printer Settings (Default setting) ²

¹ See *DPOF printing* on page 50 for more details.

² If your camera is set to use the Printer Settings (Default setting), the machine will print your photo using the following settings.

Settings	Options
Paper Size	4"×6"
Paper Type	Glossy Paper
Layout	Borderless: On
Print Quality	Fine
Color Enhancement	Off

- When your camera does not have any menu selections, this setting is also used.
- The names and availability of each setting depends on the specification of your camera.

Please refer to the documentation supplied with your camera for more detailed information on changing PictBridge settings.

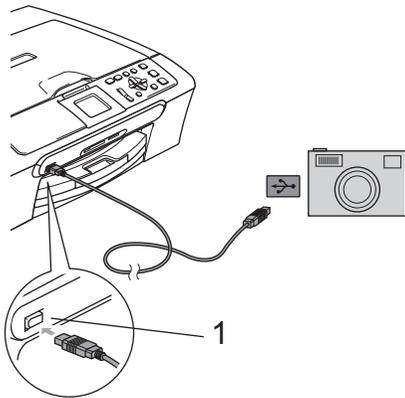
Printing Images



Note

Remove any memory cards or USB Flash memory drive from the machine before connecting a digital camera.

- 1 Make sure that your camera is turned off. Connect your camera to the USB direct interface (1) on the machine using the USB cable.



1 USB direct interface

- 2 Turn on the camera. When the machine has recognized the camera, the LCD shows Camera Connected.
- 3 Choose the photo you want to print following the instructions from your camera. When the machine starts printing a photo, the LCD will show Printing.



WARNING

To prevent damage to your machine, do not connect any device other than a digital camera or USB Flash memory drive to the USB direct interface.

DPOF printing

DPOF stands for Digital Print Order Format.

Major digital camera manufacturers (Canon Inc., Eastman Kodak Company, Fuji Photo Film Co. Ltd., Matsushita Electric Industrial Co. Ltd. and Sony Corporation) created this standard to make it easier to print images from a digital camera.

If your digital camera supports DPOF printing, you will be able to choose on the digital camera display the images and number of copies you want to print.

Printing photos directly from a digital camera (without PictBridge)

If your camera is using the USB Mass Storage standard, you can connect your camera in storage mode. This enables you to print photos from your camera.

If you would like to print photos in PictBridge mode, see *Printing photos directly from a PictBridge camera* on page 49.



Note

The name, availability and operation differ among digital cameras. Please refer to the documentation supplied with your camera for detailed information, such as how to switch from PictBridge mode to mass storage mode.

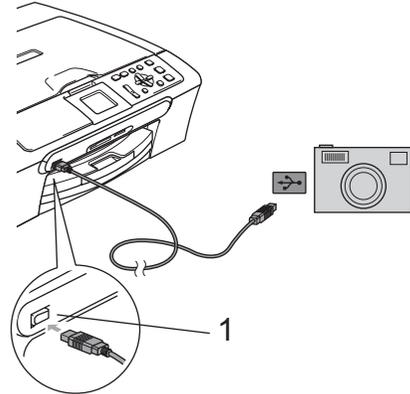
Printing Images



Note

Remove any memory cards or USB Flash memory drive from the machine before connecting a digital camera.

- 1 Make sure that your camera is turned off. Connect your camera to the USB direct interface (1) on the machine using the USB cable.



1 USB direct interface

- 2 Turn on the camera.
- 3 Follow the steps in *Print Images* on page 35.



WARNING

To prevent damage to your machine, do not connect any device other than a digital camera or USB Flash memory drive to the USB direct interface.

Understanding the Error Messages

Once you are familiar with the types of errors that can occur while you are using PictBridge, you can easily identify and troubleshoot any problems.

■ Out of Memory

This message will appear if you are working with images that are too large for the machine's memory.

■ Unusable Device

This message will appear if you connect a camera which is not in PictBridge mode nor using the USB Mass Storage standard. This message can also appear if you connect a broken device to the USB direct interface.

For more detailed solutions see *Error messages* on page 69.



Software

Software and Network features

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7

Software and Network features

The CD-ROM includes the Software User's Guide and Network User's Guide (DCP-560CN only) for features available when connected to a computer (for example, printing and scanning). The guide has easy to use links that, when clicked, will take you directly to a particular section.

You can find information on these features:

- Printing
- Scanning
- ControlCenter3 (for Windows®)
- ControlCenter2 (for Macintosh®)
- PhotoCapture Center®
- Network Printing (DCP-560CN only)
- Network Scanning (DCP-560CN only)

How to read the HTML User's Guide

This is a quick reference for using the HTML User's Guide.

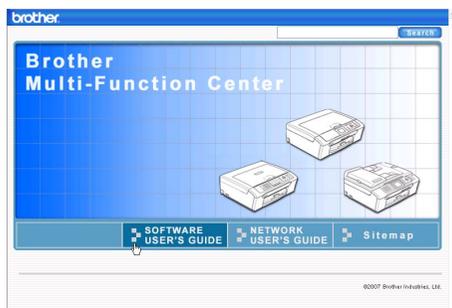
(For Windows®)



Note

If you have not installed the software, see *Viewing Documentation* on page 2.

- 1 From the **Start menu**, point to **Brother**, DCP-XXXX (where **XXXX** is your model number) from the programs group, then click **User's Guides** in HTML format.
- 2 Click **SOFTWARE USER'S GUIDE** (or **NETWORK USER'S GUIDE**) from the top menu.



- 3 Click the heading you would like to view from the list at the left of the window.



(For Macintosh®)

- 1 Make sure your Macintosh® is turned on. Insert the Brother CD-ROM into your CD-ROM drive.
- 2 Double-click the **Documentation** icon.
- 3 Double-click your language folder, and then double-click the top page file.
- 4 Click **SOFTWARE USER'S GUIDE** (or **NETWORK USER'S GUIDE**) in the top menu, and then click the heading you would like to read from the list at the left of the window.





Appendixes

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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 AC power outlet. Choose a location where the temperature remains between 50° F and 95° F (10° C and 35° C).

! 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 outlets 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 outlets 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 non-Brother cordless phones.



To use the machine safely

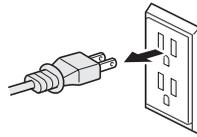
Please keep these instructions for later reference and read them before attempting any maintenance.



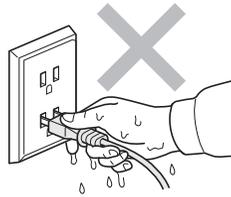
WARNING



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 AC power outlet. Doing this will prevent an electrical shock.



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



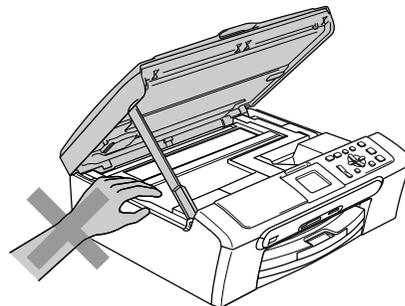
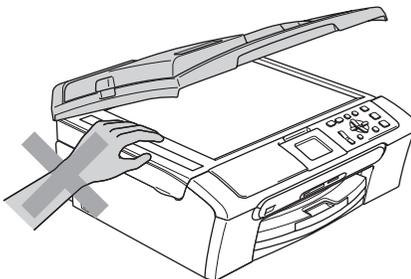
Always make sure the plug is fully inserted.



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

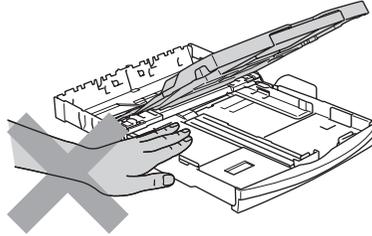


DO NOT put your hands on the edge of the machine under the document cover or the scanner cover. Doing this may cause injury.

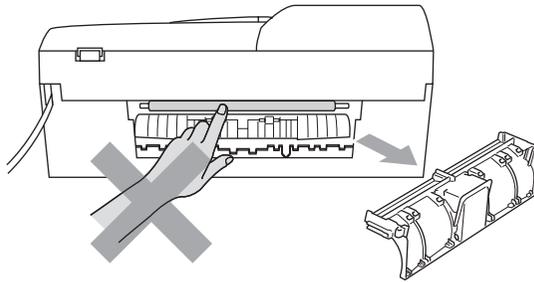




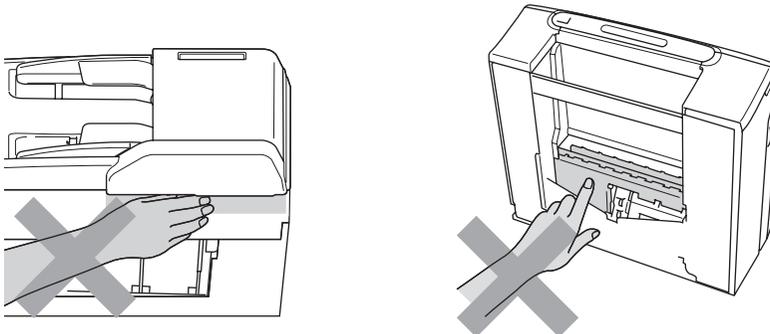
DO NOT put your hands on the edge of the paper tray under the output paper tray cover. Doing this may cause injury.



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

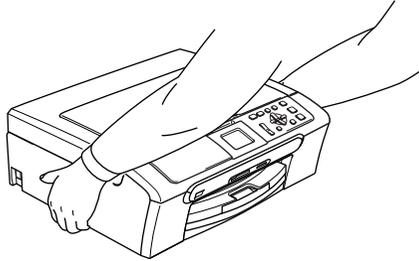


DO NOT touch the area shaded in the illustration. Doing this may cause injury.





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.



DO NOT use flammable substances or any type of spray to clean the inside or outside of the machine. Doing this may cause a fire or electrical shock.

If the machine becomes hot, releases smoke, or generates any strong smells, immediately turn off the power switch and unplug the machine from the AC power outlet. Call Brother Customer Service. (See *Brother numbers* on page i.)

If metal objects, water or other liquids get inside the machine, immediately turn off the power switch and unplug the machine from the AC power outlet. Call Brother Customer Service. (See *Brother numbers* on page i.)



WARNING

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



CAUTION

Lightning and power surges can damage this product! We recommend that you use a quality surge protection device on the AC power line or unplug the cords during a lightning storm.

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 outlet 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 proper 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 DO NOT allow anything to rest on the power cord. DO NOT place this product where people can walk on the cord.
- 11 If an extension cord is used with this product, make sure that the total ampere ratings of the products plugged into the extension cord do not exceed the extension cord ampere rating. Also, make sure that the total of all products plugged into the AC power outlet does not exceed 15 amperes (USA only).
- 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 Never push objects of any kind into this product through cabinet slots, since they may touch dangerous voltage points or short out parts resulting in the risk of fire or electric shock. Never spill liquid of any kind on the product. DO NOT attempt to service this product yourself because opening or removing covers may expose you to dangerous voltage points and other risks and may void your warranty. Refer all servicing to a Brother Authorized Service Center. For the location of your nearest Brother Authorized Service Center, please call the following:
In USA: 1-800-284-4357
In Canada: 1-877-BROTHER
- 15 Unplug this product from the AC power outlet 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 cabinet has been damaged.
- If the product exhibits a distinct change in performance, indicating a need for service.

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

17 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.

Federal Communications Commission (FCC) Declaration of Conformity (USA only)

Responsible Party: Brother International Corporation
 100 Somerset Corporate Boulevard
 Bridgewater, NJ 08807-0911 USA
 TEL: (908) 704-1700

A

declares, that the products

Product Name: DCP-350C and DCP-560CN

comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Call the dealer or an experienced radio/TV technician for help.

WARNING

For protection against the risk of electrical shock, always disconnect all cables from the wall outlet before servicing, modifying or installing the equipment.

Brother cannot accept any financial or other responsibilities that may be the result of your use of this information, including direct, special or consequential damages. There are no warranties extended or granted by this document.

This machine has been certified to comply with FCC standards, which are applied to the USA only.

IMPORTANT

Changes or modifications not expressly approved by Brother Industries, Ltd. could void the user's authority to operate the equipment.

Industry Canada Compliance Statement (Canada only)

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

LAN connection (DCP-560CN only)

CAUTION

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

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- Certificates of Deposit
- Internal Revenue Stamps (canceled or uncanceled)
- Selective Service or draft papers
- Passports
- United States/Canadian Postage Stamps (canceled or uncanceled)
- Food Stamps
- Immigration Papers
- Checks or drafts drawn by Governmental agencies
- Identifying badges or insignias

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FaceFilter Studio is a trademark of Reallusion, Inc.

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All other brand and product names mentioned in this User's Guide, the Software User's Guide and the Network User's Guide (DCP-560CN only) are registered trademarks of their respective companies.

Troubleshooting

IMPORTANT

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

If you think there is a problem with your machine, check the chart below and follow the troubleshooting tips.

Most problems can be easily resolved by yourself. If you need additional help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips. Visit us at <http://solutions.brother.com>.

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> .)
	Check that the machine is plugged in and that the On/Off key is on.
	One or more ink cartridges are empty. (See <i>Replacing the ink cartridges</i> on page 74.)
	Check to see if the LCD is showing an error message. (See <i>Error messages</i> on page 69.)
	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 80.)
	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> or <i>Printing and Faxing for Macintosh®</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. (See <i>Acceptable paper and other media</i> on page 12.)
	The recommended environment for your machine is between 68° F to 91° F (20° C to 33° C).

Printing (continued)

Difficulty	Suggestions
White horizontal lines appear in text or graphics.	Clean the print head. (See <i>Cleaning the print head</i> on page 80.)
	Try using the recommended types of paper. (See <i>Acceptable paper and other media</i> on page 12.)
	If you want to print on Photo 4"×6" or Photo L 3.5"×5" paper, make sure you use the photo bypass tray. (See <i>Loading photo paper</i> on page 19.)
The machine prints blank pages.	Clean the print head. (See <i>Cleaning the print head</i> on page 80.)
Characters and lines are stacked.	Check the printing alignment. (See <i>Checking the print alignment</i> on page 81.)
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 16.)
	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. (See <i>Acceptable paper and other media</i> on page 12.)
Printing appears dirty or ink seems to run.	Make sure you are using the proper types of paper. (See <i>Acceptable paper and other media</i> on page 12.) 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. (See <i>Cleaning the machine printer platen</i> on page 78.)
	Make sure you are using the paper support flap. (See <i>Loading paper and other media</i> on page 16.)
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 Color Enhancement (True2Life®) .
	Turn the borderless feature off. Borderless printing is slower than normal printing. (See <i>Printing for Windows®</i> or <i>Printing and Faxing for Macintosh®</i> in the Software User's Guide on the CD-ROM.)
True2Life® is not working properly.	If the image data is not full color in your application (such as 256 color), True2Life® will not work. Use at least 24 bit color data with the True2Life® 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 16.)
	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 16.)
Printed pages double feed and cause a paper jam.	Make sure you pull out the paper support until it clicks and unfold the paper support flap.
Machine does not print from Paint Brush.	Try setting the Display setting to '256 colors.'
Machine does not print from Adobe Illustrator.	Try to reduce the print resolution. (See <i>Printing for Windows®</i> or <i>Printing and Faxing for Macintosh®</i> in the Software User's Guide on the CD-ROM.)

Copying Difficulties

Difficulty	Suggestions
Vertical streaks appear in copies.	If you see vertical streaks on copies, clean the scanner. (See <i>Cleaning the scanner</i> on page 78.)
Poor copy results when using the ADF (DCP-560CN only)	Try using the scanner glass. (See <i>Using the scanner glass</i> on page 11.)
Vertical black line appears in copies. (DCP-560CN only)	Black vertical lines on copies are typically caused by dirt or correction fluid on the glass strip. Clean the glass strip. (See <i>Cleaning the scanner</i> on page 78.)

Scanning Difficulties

Difficulty	Suggestions
TWAIN/WIA errors appear when starting to scan.	Make sure the Brother TWAIN/WIA driver is chosen as the primary source. In PaperPort™ 11SE with OCR, click File, Scan or Get Photo and click Select to choose the Brother TWAIN/WIA driver.
Poor scanning results when using the ADF. (DCP-560CN only)	Try using the scanner glass. (See <i>Using the scanner glass</i> on page 11.)

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.
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.
Cannot print images from FaceFilter Studio.	To use FaceFilter Studio, you must install the FaceFilter Studio application from the CD-ROM supplied with your machine. To install FaceFilter Studio see the <i>Quick Setup Guide</i> . Also, before you start FaceFilter Studio for the first time, you must make sure your Brother machine is turned On and connected to your computer. This will allow you to access all the functions of FaceFilter Studio.

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 using one of the following methods. <ul style="list-style-type: none"> ■ Install MFL-Pro Suite from the CD-ROM. (See the <i>Quick Setup Guide</i>.) ■ Download the latest service pack from the Microsoft Web site. 3) Wait about 1 minute after you restart the PC, and then connect the USB cable. 2 Take out the memory card or USB Flash memory drive and put it back in again. 3 If you have tried 'Eject' from within Windows®, take out the memory card or USB Flash memory drive before you continue. 4 If an error message appears when you try to eject the memory card or USB Flash memory drive, 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 that you have correctly inserted the memory card or USB Flash memory drive.

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 9) 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 <i>Network User's Guide</i> on the CD-ROM for more information.)</p>
The network scanning feature does not work.	<p>(For Windows® users only) Firewall settings on your PC may be rejecting the necessary network connection. Follow the instructions below to configure the Firewall. If you are using personal Firewall software, see the User's Guide for your software or contact the software manufacturer.</p> <p>For Windows® XP SP2 and Windows Vista™ users, see <i>Firewall settings</i> in the Software User's Guide on the CD-ROM.</p> <p>For Windows® XP SP1 user's, please visit the Brother Solutions Center.</p>
Your computer cannot find your machine.	<p><Windows® users> Firewall settings on you PC may be rejecting the necessary network connection. (For details, see the suggestion above for 'The network scanning feature does not work.')</p> <p><Macintosh® users> Re-select your machine in the Device Selector application located in Macintosh HD/Library/Printers/Brother/Utilities/DeviceSelector or from the model of ControlCenter2.</p>

Error messages

As with any sophisticated office product, errors may occur. If this happens, your machine identifies the error and shows an error message. The most common error messages are shown below.

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

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

Error Message	Cause	Action
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.	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-560CN only)</i> on page 10. See <i>Document jam (DCP-560CN only)</i> on page 71.
High Temperature	The print head is too warm.	Allow the machine to cool down.
Hub is Unusable.	A Hub or USB Flash memory drive with Hub has been connected to the USB direct interface.	A Hub or USB Flash memory drive with Hub are not supported. Unplug the device from the USB direct interface.
Image Too Long.	The proportions of your photo are irregular so effects could not be added.	Choose a regularly proportioned image.
Image Too Small.	The size of your photo is too small to trim.	Choose a larger image.
Ink Empty	One or more of the ink cartridges is empty. The machine will stop all print operations.	Replace the empty ink cartridges. (See <i>Replacing the ink cartridges</i> on page 74.)
Low Temperature	The print head is too cold.	Allow the machine to warm up.
Media Error	The memory card is either corrupted, improperly formatted, or there is a problem with the memory 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 (slot) of the machine by putting in another memory card that you know is working.
Media is Full.	The memory card or USB Flash memory drive you are using already contains 999 files.	Your machine can only save to your memory card or USB Flash memory drive if it contains less than 999 files. Try deleting unused files to free some space and try again.

Error Message	Cause	Action
Near Empty	One or more of the ink cartridges are running out of ink.	Order a new ink cartridge. (See <i>Ordering accessories and supplies</i> on page iii.)
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 74.)
No File	The memory card or USB Flash memory drive in the media drive does not contain a .JPG file.	Put the correct memory card or USB Flash memory drive 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 Black Start or Color Start. ■ Remove the paper and load it again and then press Black Start or Color Start.
	The paper is jammed in the machine.	See <i>Printer jam or paper jam</i> on page 72.
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.
	The memory card or USB Flash memory drive you are using does not have enough free space to scan the documents.	Delete unused files from your memory card or USB Flash memory drive to make some free space and then try again.
Paper Jam	Paper is jammed in the machine.	Remove the Jam Clear Cover (at the back of the machine) and pull out the jammed paper. See <i>Printer jam or paper jam</i> on page 72.
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.
Unusable Device Disconnect device from front connector & turn machine off & then on	A broken device has been connected to the USB direct interface.	Unplug the device from the USB direct interface, then press On/Off to turn the machine off and then on again.

Error Message	Cause	Action
Unusable Device Please Disconnect USB Device.	A USB device or USB Flash memory drive that is not supported has been connected to the USB direct interface. For more information, visit us at http://solutions.brother.com	Unplug the device from the USB direct interface.

Error animation

Error animation automatically displays step-by-step instructions when paper gets jammed or ink cartridges become empty. You can read the steps at your own pace by pressing ► to see the next step and ◀ to go backward. If you do not press a key, after 1 minute the animation starts running automatically again.



Note

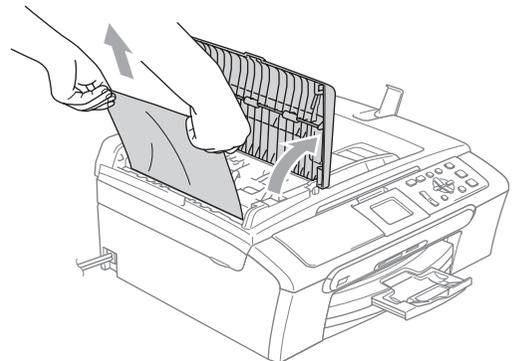
You can press ►, ◀ or **OK** to pause the auto-animation and go back to step-by-step mode.

Document jam (DCP-560CN only)

Documents can jam in the ADF unit 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 Pull the jammed document up and to the left.



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

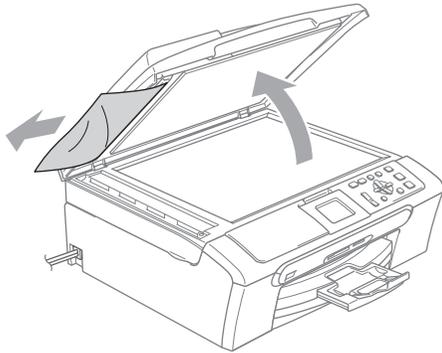


Note

To avoid document jams close the ADF cover properly by pressing it down 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 Pull the jammed document out to the left.

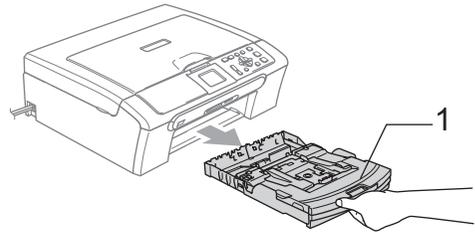


- 4 Close the document cover.
- 5 Press **Stop/Exit**.

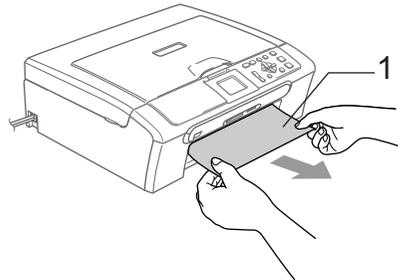
Printer jam or paper jam

Take out the jammed paper depending on where it is jammed in the machine.

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

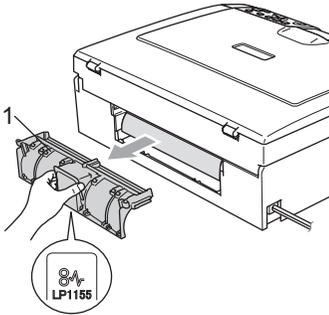


- 2 Pull out the jammed paper (1).



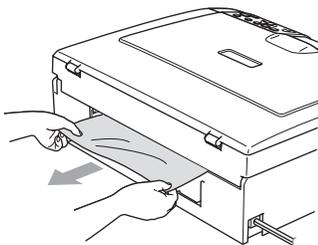
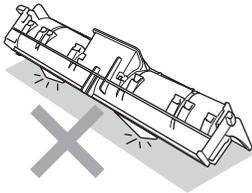
- 3 Reset the machine by lifting the scanner cover from the front of the machine and then closing it.
 - If you cannot remove the jammed paper from the front side, or the error message still appears on the LCD after you remove the jammed paper, please go to the next step.

- 4 Remove the Jam Clear Cover (1) from the back of the machine. Pull the jammed paper out of the machine.

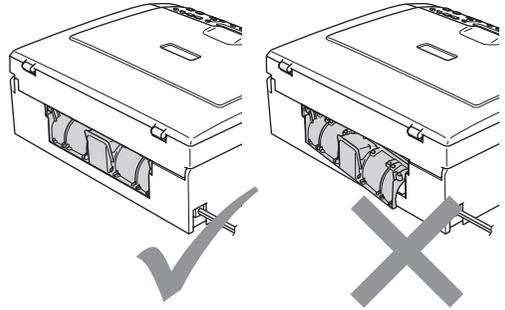


CAUTION

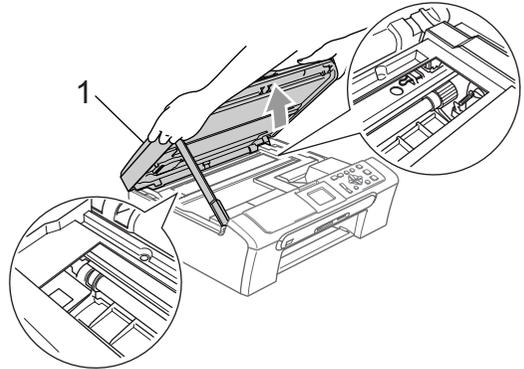
DO NOT place the jam clear cover face down as shown in the illustration. You may damage the cover and cause paper jams.



- 5 Put the Jam Clear Cover back on. Make sure the cover is set properly.



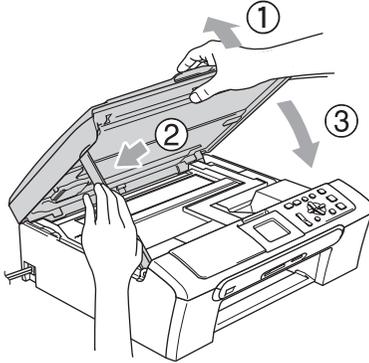
- 6 Lift the scanner cover (1) from the front side of the machine until it locks securely into the open position. Make sure that there is no jammed paper left in the corners of the machine.



Note

If the paper is jammed under the print head, unplug the machine from the power source, and then move the print head to take out the paper.

- 7 Lift the scanner cover to release the lock (1). Gently push the scanner cover support down (2) and close the scanner cover (3).

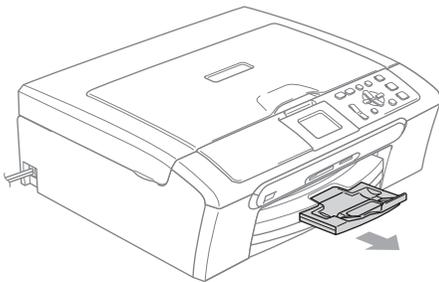


- 8 Push the paper tray firmly back into the machine. While holding the paper tray in place, pull out the paper support until it clicks and unfold the paper support flap.



Note

Make sure you pull out the paper support until it clicks.



Routine maintenance

Replacing the ink cartridges

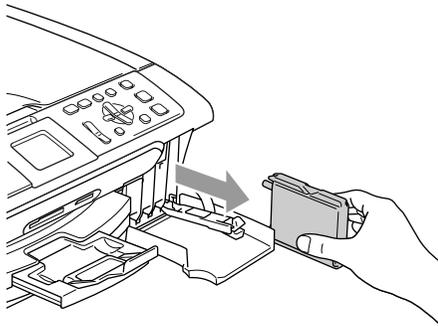
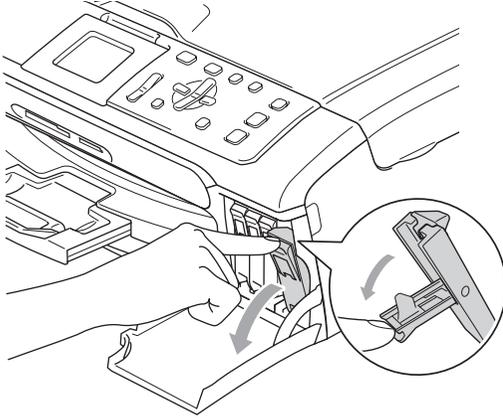
Your machine is equipped with an ink dot counter. The ink dot counter automatically monitors the level of ink in each of the 4 cartridges. When the machine detects an ink cartridge is running out of ink, the machine will tell you with a message on the LCD.

The LCD will tell you which ink cartridge is low or needs replacing. Be sure to follow the LCD prompts to replace the ink cartridges in the correct order.

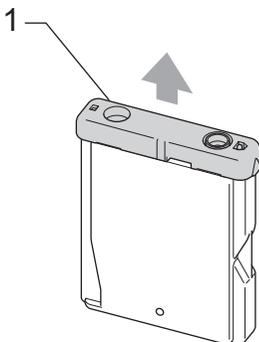
Even though the machine tells you that an ink cartridge is empty, there will be a small amount of ink left in the ink cartridge. It is necessary to keep some ink in the ink cartridge to prevent air from drying out and damaging the print head assembly.

- 1 Open the ink cartridge cover. If one or more ink cartridges are empty, for example Black, the LCD shows Ink Empty and **BK** Black.

- 2 Pull the lock release lever down and take out the ink cartridge for the color shown on the LCD.

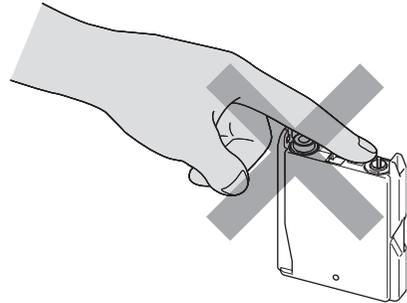


- 3 Open the new ink cartridge bag for the color shown on the LCD, and then take out the ink cartridge.
- 4 Remove the protective yellow cap (1).



Improper Setup

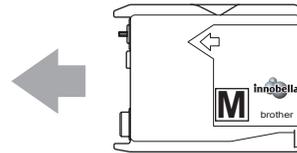
DO NOT touch the area shown in the illustration below.



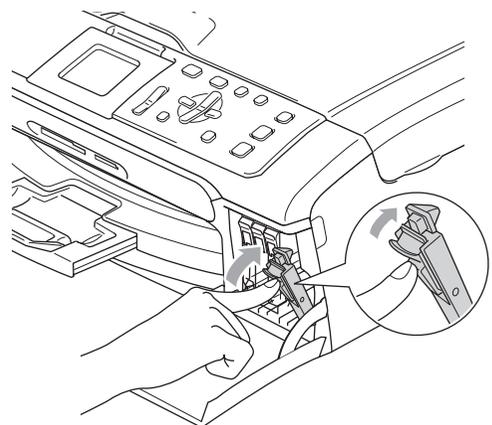
Note

If the protective yellow caps come off when you open the bag, the cartridge will not be damaged.

- 5 Each color has its own correct position. Insert the ink cartridge in the direction of the arrow on the label.



- 6 Lift the lock release lever and push it until it clicks, and then close the ink cartridge cover.



- 7 The machine will automatically reset the ink dot counter.

 **Note**

- If you replaced an ink cartridge, the LCD will ask you to verify that it was a brand new one. (For example, Did You Change **BK** Black) For each new cartridge you installed, press + (Yes) to automatically reset the ink dot counter for that color. If the ink cartridge you installed is not a brand new one, be sure to press - (No).
- If the LCD shows No Cartridge after you install the ink cartridges, check that the ink cartridges are installed properly.

 **WARNING**

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

 **CAUTION**

DO NOT take out ink cartridges if you do not need to replace them. If you do so, it may reduce the ink quantity and the machine will not know the quantity of ink left in the cartridge.

DO NOT touch the cartridge insertion slots. If you do so, the ink may stain your skin.

If ink stains your skin or clothing, wash with soap or detergent at once.

If you mix the colors by installing an ink cartridge in the wrong position, clean the print head several times after correcting the cartridge installation.

Once you open an ink cartridge, install it in the machine and use it up within six months of installation. Use unopened ink cartridges by the expiration date written on the cartridge package.

DO NOT dismantle or tamper with the ink cartridge, this can cause the ink to leak out of the cartridge.

Brother strongly recommends that you do not refill the ink cartridges provided with your machine. We also strongly recommend that you continue to use only Genuine Brother Brand replacement ink cartridges. Use or attempted use of potentially incompatible ink and/or cartridges in the Brother machine may cause damage to the machine and/or may result in unsatisfactory print quality. Our warranty coverage does not apply to any problem that is caused by the use of unauthorized third party ink and/or cartridges. To protect your investment and obtain premium performance from the Brother machine, we strongly recommend the use of Genuine Brother Supplies.

Cleaning the outside of the machine

CAUTION

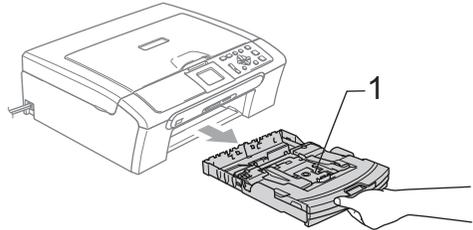
Use neutral detergents. Cleaning with volatile liquids such as thinner or benzine will damage the outside surface of the machine.

DO NOT use cleaning materials that contain ammonia.

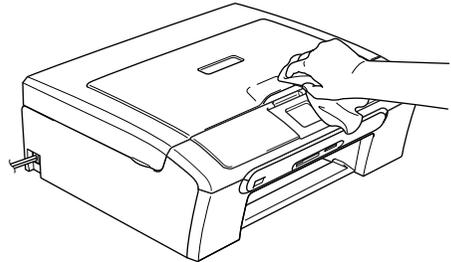
DO NOT use isopropyl alcohol to remove dirt from the control panel. It may crack the panel.

Clean the outside of the machine as follows:

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

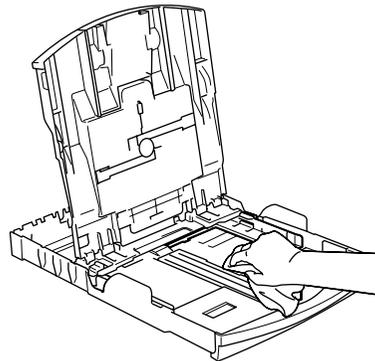


- 2 Wipe the outside of the machine with a soft cloth to remove dust.



- 3 Lift the output paper tray cover and remove anything that is stuck inside the paper tray.

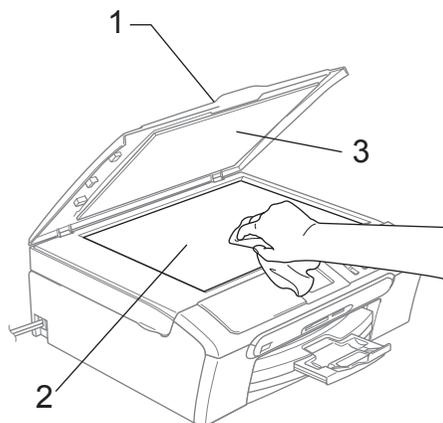
- 4 Wipe the inside and outside of the paper tray with a soft cloth to remove dust.



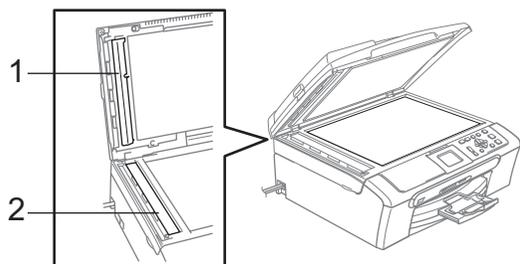
- 5 Close the output paper tray cover and put the paper tray firmly back in the machine.

Cleaning the scanner

- 1 Lift the document cover (1). Clean the scanner glass (2) and the white plastic (3) with a soft lint-free cloth moistened with a non-flammable glass cleaner.



- 2 (DCP-560CN only) In the ADF unit, clean the white bar (1) and the glass strip (2) with a lint-free cloth moistened with a non-flammable glass cleaner.



Note

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

Cleaning the machine printer platen

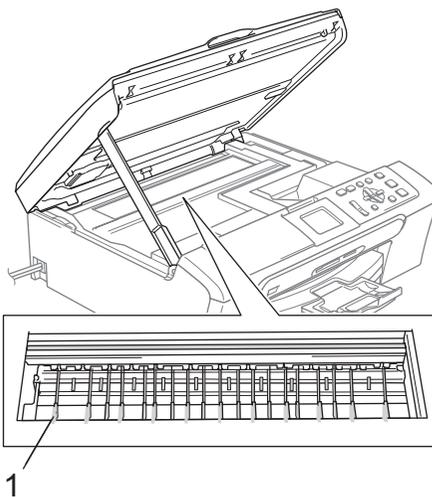


WARNING

Unplug the machine from the AC power outlet before cleaning the printer platen (1).

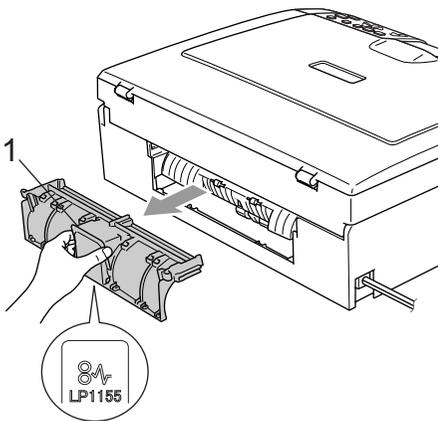
If ink is scattered on or around the printer platen, wipe it off with a soft, dry, lint-free cloth.

- 1 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.
- 2 Clean the machine printer platen (1).



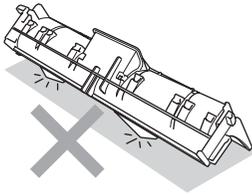
Cleaning the paper pick-up roller

- 1 Pull the paper tray completely out of the machine.
- 2 Unplug the machine from the AC power outlet and remove the Jam Clear Cover (1).

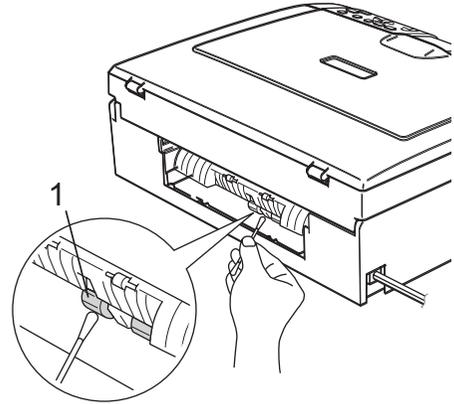


! CAUTION

DO NOT place the jam clear cover face down as shown in the illustration. You may damage the cover and cause paper jams.



- 3 Clean the paper pick-up roller (1) with isopropyl alcohol on a cotton swab.



- 4 Put the Jam Clear Cover back on. Make sure the cover is set properly.
- 5 Re-connect the power cord.
- 6 Slowly push the paper tray completely back into the machine.

Cleaning the print head

To maintain good print quality, the machine will automatically clean the print head. You can start the cleaning process manually if there is a print quality problem.

Clean the print head and ink cartridges if you get a horizontal line in the text or graphics on your printed pages. You can clean Black only, three colors at a time (Yellow/Cyan/Magenta), or all four colors at once.

Cleaning the print head consumes ink. Cleaning too often uses ink unnecessarily.

! CAUTION

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

- 1 Press **Ink**.
- 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 Brother Customer Service. (See *Brother numbers* on page i.)

Checking the print quality

If faded or streaked colors and text appear on your output, some of the nozzles may be clogged. You can check this by printing the Print Quality Check Sheet and looking at the nozzle check pattern.

- 1 Press **Ink**.
- 2 Press **▲** or **▼** to choose **Test Print**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Print Quality**. Press **OK**.
- 4 Press **Color Start**.
The machine begins printing the Print Quality Check Sheet.
- 5 Check the quality of the four color 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 colors. 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 **Color Start**.
The machine starts printing the Print Quality Check Sheet again and then returns to step 5.
- 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 colors.
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 Brother Customer Service. (See *Brother numbers* on page i.)

! 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 print alignment

You may need to adjust the print alignment after transporting the machine if your printed text becomes blurred or images become faded.

- 1 Press **Ink**.
- 2 Press **▲** or **▼** to choose **Test Print**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Alignment**. Press **OK**.
- 4 Press **Black Start** or **Color 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 samples of both the 600 dpi and 1200 dpi test prints 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 choose 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 choose 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**.
- 2 Press **▲** or **▼** to choose `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*[®] or *Printing and Faxing for Macintosh*[®] in the Software User's Guide on the CD-ROM.)

Machine Information

Checking the serial number

You can see the machine's serial number on the LCD.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose `Machine Info..`
Press **OK**.
- 3 Press **▲** or **▼** to choose `Serial No..`
Press **OK**.
- 4 Press **Stop/Exit**.

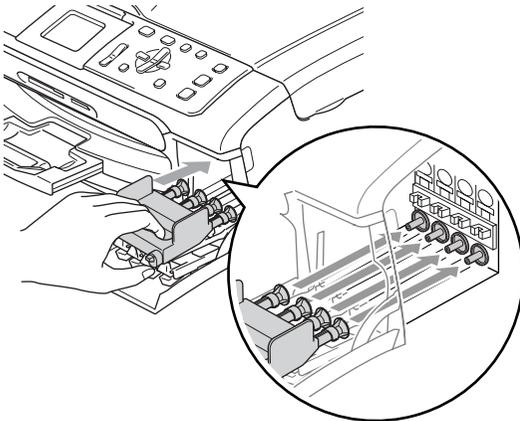
Packing and shipping the machine

When you transport the machine, use the packing materials that came with your machine. If you do not pack the machine properly, you could void your warranty.

! 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.

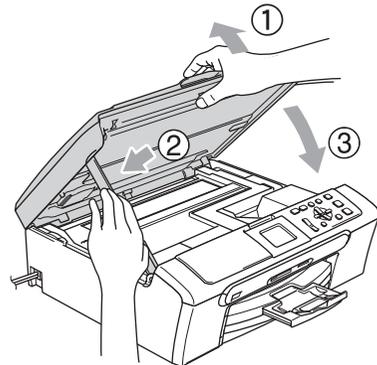
- 1 Open the ink cartridge cover.
- 2 Pull the lock release levers down and take out all the ink cartridges. (See *Replacing the ink cartridges* on page 74.)
- 3 Install the yellow protective part, lift each lock release lever and push it until it clicks, and then close the ink cartridge cover.



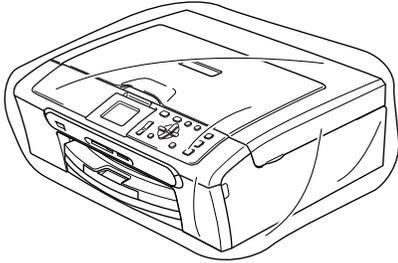
! CAUTION

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 part 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 AC power outlet.
- 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 Lift the scanner cover to release the lock (1). Gently push the scanner cover support down (2) and close the scanner cover (3).



- 7 Wrap the machine in the bag and put it in the original carton with the original packing material.

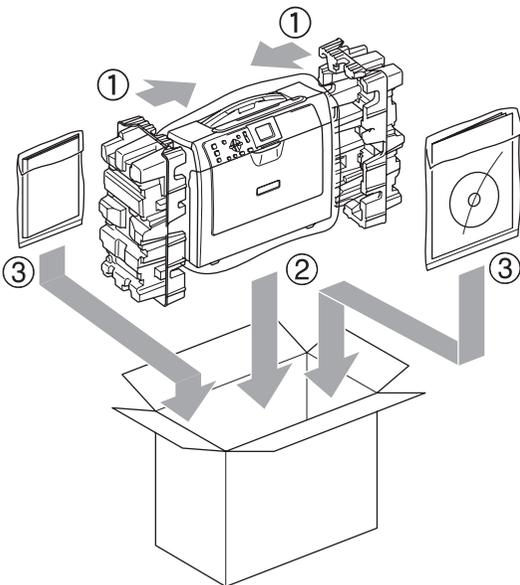


- 8 Pack the printed materials in the original carton as shown below. Do not pack the used ink cartridges in the carton.



Note

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



- 9 Close the carton and tape it shut.

On-screen programming

Your machine is designed to be easy to use with LCD on-screen programming using the menu keys. User-friendly programming helps you take full advantage of all the menu selections your machine has to offer.

Since your programming is done on the LCD, we have created step-by-step on-screen instructions to help you program your machine. All you need to do is follow the instructions as they guide you through the menu selections and programming options.

Menu table

You can program your machine by using the Menu table that begins on page 86. These pages list the menu selections and options.

Mode and menu keys

Photo Capture  Scan  Menu 	Access the main menu, PhotoCapture menu or Scan menu.
▲ ▼	Scroll through the current menu level.
◀	Go back to the previous menu level.
▶	Go to the next menu level.
OK 	<ul style="list-style-type: none"> ■ Go to the next menu level. ■ Accept an option.
Stop/Exit 	Stop the current operation.

Menu table

The menu table will help you understand the menu selections and options that are found in the machine's programs. The factory settings are shown in Bold with an asterisk.

Menu
Menu ()

Level 1	Level 2	Level 3	Options	Descriptions	Page	
General Setup	Paper Type	—	Plain Paper* Inkjet Paper Brother Photo Other Photo Transparency	Sets the type of paper in the paper tray.	22	
	Paper Size	—	Letter* Legal A4 A5 4"x6"	Sets the size of the paper in the paper tray.	22	
	LCD Settings	LCD Contrast	Light	Med* Dark	Adjusts the contrast of the LCD.	23
			Backlight			
		Dim Timer	Off	10 Secs 20 Secs 30 Secs*	You can set how long the LCD backlight stays on after the last key press.	24
			Off Timer			

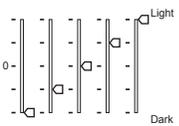


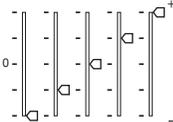
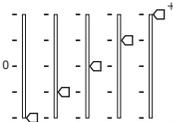
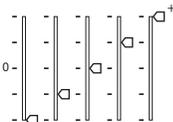
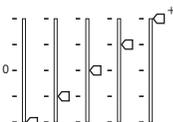
The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Options	Descriptions	Page
LAN (DCP-560CN only)	TCP/IP	BOOT Method	Auto* Static RARP BOOTP DHCP	Chooses the BOOT method that best suits your needs.	See <i>Network User's Guide</i> on the CD-ROM
		IP Address	[000-255]. [000-255]. [000-255]. [000-255]	Enter the IP address.	
		Subnet Mask	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.	
		Gateway	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Gateway address.	
		Node Name	BRN_XXXXXX	You can see the current Node name.	
		WINS Config	Auto* Static	Chooses the WINS configuration mode.	
		WINS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.	
		DNS Server	(Primary) 000.000.000.000 (Secondary) 000.000.000.000	Specifies the IP address of the primary or secondary server.	
		APIPA	On* Off	Automatically allocates the IP address from the link-local address range.	
 The factory settings are shown in Bold with an asterisk.					

Level 1	Level 2	Level 3	Options	Descriptions	Page
LAN (DCP-560CN only) (continued)	Setup Misc.	Ethernet	Auto* 100B-FD 100B-HD 10B-FD 10B-HD	Chooses the Ethernet link mode.	See <i>Network User's Guide</i> on the CD-ROM
	Factory Reset	—	Yes No	Restores all network settings to the factory default.	
Print Reports	Help List	—	—	Prints these lists and reports.	9
	User Settings	—	—		
	Network Config (DCP-560CN only)	—	—		
Machine Info.	Serial No.	—	—	Lets you check the serial number of your machine.	82
Initial Setup	Date&Time	—	2008 01/01 00:00	Puts the date and time in your machine.	See <i>Quick Setup Guide</i>
	Local Language (Canada Only)	—	English* French	Allows you to change the LCD language for your country.	
 The factory settings are shown in Bold with an asterisk.					

Copy (Default display)

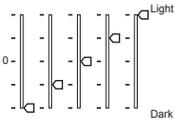
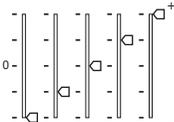
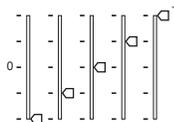
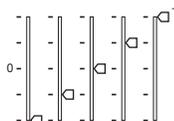
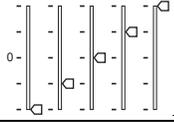
Level 1	Level 2	Level 3	Options	Descriptions	Page
Quality	—	—	Fast Normal* Best	Choose the Copy resolution for your type of document.	27
Enlarge/Reduce	—	—	50% 69% A4→A5 78% (DCP-350C) 78% LGL→LTR (DCP-560CN) 83% (DCP-350C) 83% LGL→A4 (DCP-560CN) 93% A4→LTR 97% LTR→A4 100%* 104% EXE→LTR 142% A5→A4 186% 4"x6"→LTR 198% 4"x6"→A4 200% Custom (25-400%)	You can choose the enlargement or reduction ratio for your type of document.	27
Paper Type	—	—	Plain Paper* Inkjet Paper Brother Photo Other Photo Transparency	Choose the paper type that matches the paper in the tray.	30
Paper Size	—	—	Letter* Legal A4 A5 4"x6"	Choose the paper size that matches the paper in the tray.	30
Brightness	—	—		Adjusts the brightness of copies.	29
 The factory settings are shown in Bold with an asterisk.					

Level 1	Level 2	Level 3	Options	Descriptions	Page
Contrast	—	—		Adjusts the contrast of copies.	29
Color Adjust	Red	—		Adjusts the amount of Red in copies.	29
	Green	—		Adjusts the amount of Green in copies.	
	Blue	—		Adjusts the amount of Blue in copies.	
Stack/Sort (DCP-560CN only)	—	—	Stack* Sort	You can choose to stack or sort multiple copies.	29
Page Layout	—	—	Off (1 in 1)* 2 in 1 (P) 2 in 1 (L) 4 in 1 (P) 4 in 1 (L) Poster (3 x 3)	You can make N in 1 or Poster copies.	28
Set New Default	—	—	Yes No	You can save your copy settings.	30
Factory Reset	—	—	Yes No	You can restore all settings to the factory settings.	30
 The factory settings are shown in Bold with an asterisk.					

PhotoCapture

Level 1	Level 2	Level 3	Options	Descriptions	Page
View Photo(s)	—	—	See the print settings in the following table.	You can preview your photos on the LCD.	35
Print Index	Paper Type	—	Plain Paper* Inkjet Paper Brother Photo Other Photo	You can print a thumbnail page.	35
	Paper Size	—	Letter* A4		
Print Photos	—	—	See the print settings in the following table.	You can print an individual image.	36
Photo Effects	Auto Correct Enhance Skin-Tone Enhance Scenery Remove Red-Eye Monochrome Sepia	—	See the print settings in the following table.	You can adjust your photos with these settings.	37
Search by Date	—	—	—	You can search your photos from date.	39
Print All Photos	—	—	See the print settings in the following table.	You can print all photos in your media card or USB Flash memory drive.	40
Slide show	—	—	—	The machine starts a Slide Show of your photos.	40
Trimming	—	—	—	You can trim your photo and print a part of the image.	41
 The factory settings are shown in Bold with an asterisk.					

Print Settings

Option 1	Option 2	Option 3	Option 4	Descriptions	Page
Print Quality (Does not appear for DPOF printing)	Normal Photo*	—	—	Choose the print quality.	43
Paper Type	Plain Paper Inkjet Paper Brother Photo Other Photo*	—	—	Choose the paper type.	43
Paper Size	Letter A4 4"x6"* 5"x 7"	(When A4 or Letter is chosen) 4"x 3" 5"x 3.5" 6"x 4" 7"x 5" 8"x 6" Max. Size*	—	Choose the paper and print size.	43
Brightness (Does not appear when Photo Effects is chosen.)		—	—	Adjusts the brightness.	44
Contrast (Does not appear when Photo Effects is chosen.)		—	—	Adjusts the contrast.	44
True2Life (Does not appear when Photo Effects is chosen.)	On Off*	White Balance		Adjusts the hue of the white areas.	44
		Sharpness		Enhances the detail of the image.	
		Color Density		Adjusts the total amount of color in the image.	
 The factory settings are shown in Bold with an asterisk.					

Option 1	Option 2	Option 3	Option 4	Descriptions	Page
Cropping	On* Off	—	—	Crops the image around the margin to fit the paper size or print size. Turn this feature off if you want to print whole images or prevent unwanted cropping.	45
Borderless	On* Off	—	—	Expands the printable area to fit the edges of the paper.	45
Set New Default	Yes No	—	—	You can save your print settings.	46
Factory Reset	Yes No	—	—	You can restore all settings to the factory settings.	46
 The factory settings are shown in Bold with an asterisk.					

Scan

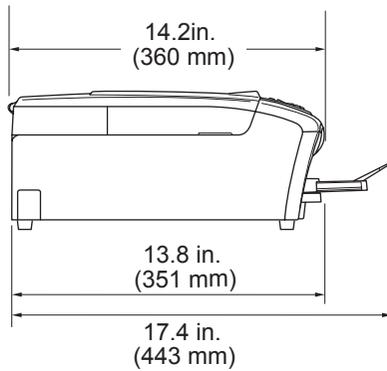
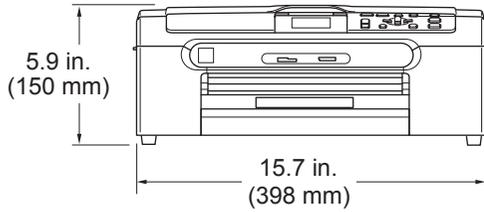
Level 1	Option 1	Option 2	Option 3	Descriptions	Page
Scan to E-mail	—	—	—	You can scan a black & white or a color document into your E-mail application.	See <i>Software User's Guide on the CD-ROM</i>
Scan to Image	—	—	—	You can scan a color picture into your graphics application.	
Scan to OCR	—	—	—	You can have your text document converted to an editable text file.	
Scan to File	—	—	—	You can scan a black & white or a color document into your computer.	
Scan to Media (When a memory card or USB Flash memory drive is inserted.)	150dpi Color* 300dpi Color 600dpi Color 200x100dpi B/W 200dpi B/W	PDF*/JPEG PDF*/JPEG PDF*/JPEG TIFF*/PDF TIFF*/PDF	—	You can choose the scan resolution and file format for your document.	46
 The factory settings are shown in Bold with an asterisk.					

General

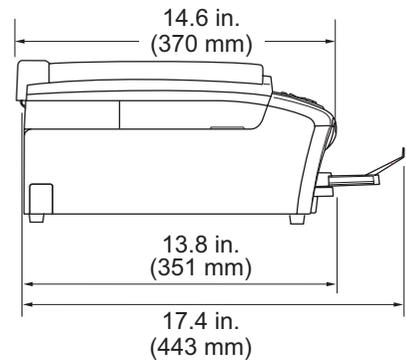
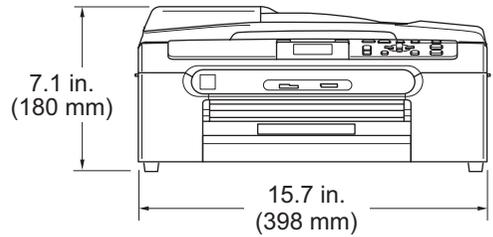
Memory Capacity	32 MB
ADF (automatic document feeder)	(DCP-560CN only) Up to 10 pages Recommended Environment for Best Results: Temperature: 68° F - 86° F (20° C - 30° C) Humidity: 50% - 70% Paper: [20 lb (80 g/m ²)] A4 or Letter size
Paper Tray	100 Sheets [20 lb (80 g/m ²)]
Printer Type	Ink Jet
Print Method	Black: Piezo with 94 × 1 nozzle Color: Piezo with 94 × 3 nozzles
LCD (liquid crystal display)	2.0 in. (50.8 mm) Color LCD
Power Source	AC 100 to 120V 50/60Hz
Power Consumption	(DCP-350C) Off Mode: Average 3 W Standby: Average 5 W Operating: Average 17 W (DCP-560CN) Off Mode: Average 3.5 W Standby: Average 6 W Operating: Average 30 W

Dimensions

(DCP-350C)



(DCP-560CN)



Weight

(DCP-350C)
15.9 lb (7.2 kg)
(DCP-560CN)
17.9 lb (8.1 kg)

Noise

Operating: 50 dB or less ¹

Temperature

Operating: 50° F to 95° F (10 to 35° C)
Best Print Quality: 68° F to 91° F (20 to 33° C)

Humidity

Operating: 20 to 80% (without condensation)
Best Print Quality: 20 to 80% (without condensation)

¹ This depends on printing conditions.



Print media

Paper Input

Paper Tray

- Paper type:

Plain paper, inkjet paper (coated paper), glossy paper², transparencies^{1 2} and envelopes

- Paper size:

Letter, Legal, Executive, A4, A5, A6, JIS B5, envelopes (commercial No.10, DL, C5, Monarch, JE4), Photo 2L 5"×7", Index card and Post card³.

For more details, see *Paper weight, thickness and capacity* on page 15.

- Maximum paper tray capacity: Approx. 100 sheets of 20 lb (80 g/m²) plain paper

Photo Bypass Tray (USA)

Photo Paper Tray (Canada)

- Paper type:

Plain paper, inkjet paper (coated paper) and glossy paper²

- Paper size:

Photo 4"×6" and Photo L 3.5"×5".

- Maximum paper tray capacity:

Approx. 20 sheets

Paper Output

Up to 50 sheets of 20 lb (80 g/m²) plain paper (face up print delivery to the output paper tray)²

¹ Use only transparencies recommended for inkjet printing.

² For glossy paper or transparencies, we recommend removing printed pages from the output paper tray immediately after they exit the machine to avoid smudging.

³ See *Paper type and size for each operation* on page 14.

Copy

Color/Monochrome	Yes/Yes
Document Size	<p>ADF Width (DCP-560CN): 5.8 in. to 8.5 in. (148 mm to 215.9 mm)</p> <p>ADF Height (DCP-560CN): 5.8 in. to 14 in. (148 mm to 355.6 mm)</p> <p>Scanner Glass Width: Max. 8.5 in. (215.9 mm)</p> <p>Scanner Glass Height: Max. 11.7 in. (297 mm)</p> <p>Copy Width: Max. 8.26 in. (210 mm)</p>
Copy Speed	<p>Black: Up to 22 pages/minute (Letter paper) ¹</p> <p>Color: Up to 20 pages/minute (Letter paper) ¹</p>
Multiple Copies	<p>Stacks up to 99 pages</p> <p>Sorts up to 99 pages (DCP-560CN only)</p>
Enlarge/Reduce	25% to 400% (in increments of 1%)
Resolution	<p>(Black & White)</p> <ul style="list-style-type: none"> ■ Scans up to 600×1200 dpi ■ Prints up to 1200×1200 dpi <p>(Color)</p> <ul style="list-style-type: none"> ■ Scans up to 600×1200 dpi ■ Prints up to 600×1200 dpi

¹ Based on Brother standard pattern (Fast mode/Stack Copy). Copy speeds vary with the complexity of the document.

PhotoCapture Center[®]

Compatible Media ¹

CompactFlash[®]
(Type I only)
(Microdrive[™] is not compatible)
(Compact I/O cards such as Compact LAN card and Compact Modem card are not supported.)

Memory Stick[®]
Memory Stick Pro[™]
(Not available for music data with MagicGate[™])

Memory Stick Duo[™] with adapter

MultiMediaCard[™]

SecureDigital ²

miniSD[™] with adapter

xD-Picture Card[™] ³

USB Flash memory drive ⁴

Resolution

Up to 1200 × 2400 dpi

File Extension

DPOF, EXIF, DCF

(Media Format)

Photo Print: JPEG ⁵

(Image Format)

Scan to Media: JPEG, PDF (Color)

TIFF, PDF (Black)

Color Enhancement

True2Life

Photo Enhance

Auto Correct, Enhance Skin-Tone, Enhance Scenery,
Remove Red-Eye, Monochrome and Sepia

Number of Files

Up to 999 files

(The folder inside memory cards or USB Flash memory drive is also counted)

Folder

File must be stored in the 4th folder level of the memory card or USB Flash memory drive.

Borderless

Letter, A4, Photo 4"×6", Photo 5"×7" ⁶

¹ Memory cards, adapters and USB Flash memory drive are not included.

² SecureDigital (SD & MMC): 16MB to 2GB

³ xD-Picture Card[™] Conventional Card from 16MB to 512MB
xD-Picture Card[™] Type M from 256MB to 2GB
xD-Picture Card[™] Type H from 256MB to 2GB

⁴ USB 2.0 standard USB Mass Storage standard from 16 MB to 8 GB
Support format: FAT12/FAT16/FAT32

⁵ Progressive JPEG format is not supported.

⁶ See *Paper type and size for each operation* on page 14.

PictBridge

Compatibility

Supports the Camera & Imaging Products Association PictBridge standard CIPA DC-001. Visit <http://www.cipa.jp/pictbridge> for more information.

Interface

USB direct interface

Scanner

Color/Black	Yes/Yes
TWAIN Compliant	Yes (Windows® 2000 Professional/XP/XP Professional x64 Edition/Windows Vista™) Mac OS® X 10.2.4 or greater
WIA Compliant	Yes (Windows® XP ¹ /Windows Vista™)
Color Depth	36 bit color Processing (Input) 24 bit color Processing (Output) (Actual Input: 30 bit color/Actual Output: 24 bit color)
Resolution	Up to 19200 × 19200 dpi (interpolated) ² Up to 600 × 2400 dpi (optical)
Scanning Speed	Color: up to 5.66 sec. Black: up to 3.59 sec. (Letter size at 100 × 100 dpi)
Document Size	ADF Width (DCP-560CN): 5.8 in. to 8.5 in. (148 mm to 215.9 mm) ADF Height (DCP-560CN): 5.8 in. to 14 in. (148 mm to 355.6 mm) Scanner Glass Width: Max. 8.5 in. (215.9 mm) Scanner Glass Height: Max. 11.7 in. (297 mm)
Scanning Width	8.26 in. (210 mm)
Gray Scale	256 levels

¹ Windows® XP in this User's Guide includes Windows® XP Home Edition, Windows® XP Professional, and Windows® XP Professional x64 Edition.

² Maximum 1200 × 1200 dpi scanning when using the WIA Driver for Windows® XP and Windows Vista™ (resolution up to 19200 × 19200 dpi can be chosen by using the Brother scanner utility)

Printer

Printer Driver	Windows® 2000 Professional/XP/XP Professional x64 Edition/Windows Vista™ driver supporting Brother Native Compression mode
	Mac OS® X 10.2.4 or greater: Brother Ink Driver
Resolution	Up to 1200 × 6000 dpi 1200 × 2400 dpi 1200 × 1200 dpi 600 × 600 dpi 600 × 300 dpi 600 × 150 dpi
Print Speed	Black: Up to 30 pages/minute ¹ Color: Up to 25 pages/minute ¹
Printing Width	8.03 in. [8.5 in. (borderless) ²]
Disk-Based Fonts	35 TrueType (Windows® only)
Borderless	Letter, A4, A6, Photo 4" × 6", Index Card, Photo L 3.5" × 5", Photo 2L 5" × 7", Post Card ³

¹ Based on Brother standard pattern.
Letter size in draft mode.

² When you set the Borderless feature to On.

³ See *Paper type and size for each operation* on page 14.

Interfaces

USB	A USB 2.0 interface cable that is no longer than 6 feet (2.0 m). ^{1 2}
LAN cable ³ (DCP-560CN only)	Ethernet UTP cable category 5 or greater.

¹ Your machine has a USB 2.0 Full-speed interface. This interface is compatible with USB 2.0 Hi-Speed; however, the maximum data transfer rate will be 12 Mbits/s. The machine can also be connected to a computer that has a USB 1.1 interface.

² Third party USB ports are not supported for Macintosh®.

³ See the *Network User's Guide* on the CD-ROM for detailed network specification.

Computer requirements

SUPPORTED OPERATING SYSTEMS AND SOFTWARE FUNCTIONS								
Computer Platform & Operating System Version		Supported PC Software Functions	PC Interface	Processor Minimum Speed	Minimum RAM	Recommended RAM	Hard Disk Space to install	
							For Drivers	For Applications
Windows® Operating System ¹	2000 Professional ⁴	Printing, Scanning, Removable Disk	USB, 10/100 BaseTx (Ethernet), (DCP560 CN only)	Intel® Pentium II® or equivalent	64MB	256MB	150MB	330MB
	XP Home® ^{2 4}				128 MB		150MB	330MB
	XP Professional ^{2 4}			64-bit (Intel®64 or AMD64) supported CPU	256 MB	512MB	150MB	330MB
	Professional x64 Edition ²				Intel® Pentium® 4 or equivalent	512MB	1GB	500MB
Windows Vista™ ²	64-bit (Intel®64 or AMD64) supported CPU							
Macintosh® Operating System ⁵	Mac OS® X 10.2.4 - 10.4.3	Printing, Scanning, Removable Disk	USB ³ , 10/100 BaseTx (Ethernet), (DCP560 CN only)	PowerPC G4/G5	128 MB	256MB	80 MB	480MB
	Mac OS® X 10.4.4 or greater			PowerPC G3 350MHz				
			USB ³ , 10/100 BaseTx (Ethernet), (DCP560 CN only)	Intel® Core™ Processor				

Conditions:

- ¹ Microsoft® Internet Explorer 5.5 or greater.
- ² For WIA, 1200x1200 resolution. Brother Scanner Utility enables to enhance up to 19200 x 19200 dpi.
- ³ Third party USB ports are not supported.
- ⁴ PaperPort™ 11SE supports Microsoft® SP4 or higher for Windows® 2000 and SP2 or higher for XP.
- ⁵ Presto!® PageManager® on the CD-ROM supports Mac OS® X 10.3.9 or higher.
For Mac OS® X 10.2.4-10.3.8 Presto!® PageManager® is available as a download from the Brother Solutions Center.

For the latest driver updates, visit www.brother.com. All trademarks, brand and product names are property of their respective companies.

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

The first time you install the ink cartridges the machine will use extra ink to fill the ink delivery tubes. This is a one-time process that enables high quality printing. Afterward, replacement ink cartridges will print the specified number of pages.

Replacement Ink Cartridges

Standard Black - Approximately 500 pages at 5% coverage

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

The above figures are based upon the following assumptions:

- Continuous printing at a resolution of 600 × 600 dpi in normal mode after installing new ink cartridge;
- The printing frequency;
- The number of pages printed;
- Periodic, automatic, print head assembly cleaning (Your machine will clean the print head assembly periodically. This process will use a small amount of ink); and,
- Ink remaining in cartridge identified as 'empty' (It is necessary to leave a small amount of ink in the ink cartridge to prevent air from drying out and damaging the print head assembly).

Replacement Consumables

<Black> LC51BK, <Yellow> LC51Y, <Cyan> LC51C, <Magenta> LC51M

What is Innobella™?

Innobella™ is a range of genuine consumables offered by Brother. The name "Innobella™" derives from the words "Innovation" and "Bella" (meaning "Beautiful" in Italian) and is a representation of the "innovative" technology providing you with "beautiful" and "long lasting" print results.

When you print photo images, Brother recommends Innobella™ glossy photo paper (BP61GL series) for high quality. Brilliant prints are made easier with Innobella™ Ink and paper.



Network (LAN) (DCP-560CN only)

LAN	You can connect your machine to a network for Network Printing and Network Scanning. Also included is Brother BRAdmin Light ¹ Network Management software.
Support for	Windows® 2000 Professional/XP/XP Professional x64 Edition/Windows Vista™ 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, WINS DNS Resolver, LPR/LPD, Custom Raw Port/Port9100, FTP Server, mDNS, TELNET, SNMP, TFTP

¹ If you require more advanced printer management, use the latest Brother BRAdmin Professional utility version that is available as a download from <http://solutions.brother.com>.

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

ADF (automatic document feeder)

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

Brightness

Changing the Brightness makes the whole image lighter or darker.

Contrast

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

Help list

A printout of the complete Menu table that you can use to program your machine when you do not have the User's Guide with you.

Innobella™

Innobella™ is a brand new range of genuine consumables offered by Brother. For best quality results Brother recommends Innobella™ Ink and Paper.

LCD (liquid crystal display)

The display screen on the machine that shows interactive messages during On-Screen Programming.

Menu mode

Programming mode for changing your machine's settings.

OCR (optical character recognition)

The bundled ScanSoft™ PaperPort™ 11SE with OCR or Presto!® PageManager® software application converts an image of text to text you can edit.

PhotoCapture Center®

Allows you to print digital photos from your digital camera at high resolution for photo quality printing.

PictBridge

Allows you to print photos directly from your digital camera at high resolution for photo quality printing.

Scanning

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

Scan to Media

You can scan a black & white or color document into a memory card or USB Flash memory drive. Black & white images can be in TIFF or PDF file format and color images can be in PDF or JPEG file format.

Temporary settings

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

True2Life®

Adjusts the color in the image for better print quality by improving sharpness, white balance and color density.

User Settings

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

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World Wide Webi

EQUIPMENT ATTACHMENT LIMITATIONS (Canada only)

NOTICE

This product meets the applicable Industry Canada technical specifications.

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

These machines are made for use in the USA and Canada only. We cannot recommend using them overseas because the power requirements of your Digital Copier/Printer may not be compatible with the power available in foreign countries. **Using USA or Canada models overseas is at your own risk and may void your warranty.**

USA/CAN