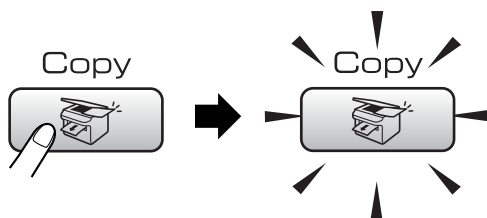# Section III

Copy

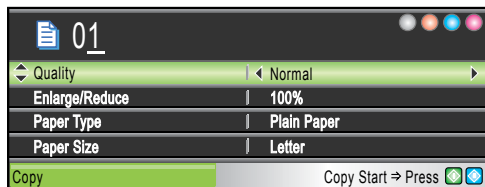# 13 Making copies

How to copy

Entering Copy mode

When you want to make a copy, press
[🖨] (**Copy**) to illuminate it in green.

The LCD shows:

1 No of Copies
You can enter the number of copies you want by using the dial pad.

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

- Quality (See page 87.)
- Enlarge/Reduce (See page 87.)
- Paper Type (See page 90.)
- Paper Size (See page 90.)
- Brightness (See page 89.)
- Contrast (See page 90.)
- Color Adjust (See page 90.)
- Stack/Sort (See page 89.)
- Page Layout (See page 88.)
- Set New Default (See page 91.)
- Factory Reset (See page 91.)

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

Note

The default setting is Fax mode. You can change the amount of time that the machine stays in Copy mode after the last copy operation. (See *Mode Timer* on page 22.)

Making a single copy

1. Press [🖨] (**Copy**).

2. Load your document.
   (See *Loading documents* on page 10.)

3. Press **Black Start** or **Color Start**.

Making multiple copies

You can make up to 99 copies.

1. Press [🖨] (**Copy**).

2. Load your document.
   (See *Loading documents* on page 10.)

3. Enter the number of copies you want.

4. Press **Black Start** or **Color Start**.

Note

To sort the copies, press ▲ or ▼ to choose Stack/Sort. (See *Sorting copies using the ADF* on page 89.)

Stop copying

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

Copy settings

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, unless you have set the Mode Timer to 30 seconds or less. (See *Mode Timer* on page 22.)

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 91.)

Changing copy quality

You can choose from a range of quality. The factory setting is Normal.

■ Fast

Fast copy speed and lowest amount of ink used. Use to save time printing documents to be proof-read, large documents or many copies.

■ Normal

Normal is the recommended mode for ordinary printouts. This produces good copy quality with good copy speed.

■ Best

Use best mode to copy precise images such as photographs. This provides the highest resolution and slowest speed.

a Press [ ] (**Copy**).

b Load your document.

c Enter the number of copies you want.

d Press ▲ or ▼ to choose Quality.

e Press ◀ or ▶ to choose Fast, Normal or Best.
Press **OK**.

f 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.

a Press [ ] (**Copy**).

b Load your document.

c Enter the number of copies you want.

d Press ▲ or ▼ to choose Enlarge/Reduce. Press **OK**.

e 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%) and then enter an enlargement or reduction ratio from 25% to 400%. Press **OK**.

(For example, press **5 3** to enter 53%.)

50%
69% A4→A5
78% LGL→LTR
83% LGL→A4
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%)

f 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.

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 produce 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 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.

a Press ⌨ (**Copy**).

b Load your document.

c Enter the number of copies you want.

d Press ▲ or ▼ to choose Page Layout. Press **OK**.

e Press ◄ or ► to choose Off (1in1), 2in1 (P), 2in1 (L), 4in1 (P), 4in1 (L) or Poster (3x3). Press **OK**.

f 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 step g.**

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

8 Place the next page on the scanner glass.
Press **OK**.
Repeat steps 7 and 8 for each page of the layout.

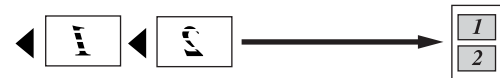9 After all the pages have been scanned, press **2** to finish.

Note

If photo paper has been chosen in the Paper Type setting for N in 1 copies, the machine will print the images as if Plain paper had been chosen.

Place your document face down in the direction shown below.
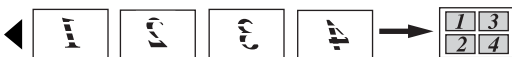
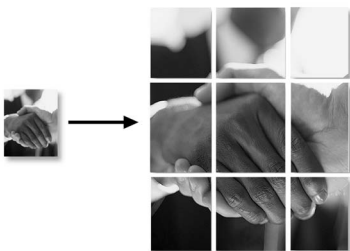■ **2 in 1 (P)**

■ **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

You can sort multiple copies. Pages will be stacked in the order 123, 123, 123, and so on.

1 Press [ ] (**Copy**).

2 Load your document.

3 Enter the number of copies you want.

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

5 Press ◀ or ▶ to choose Sort.
Press **OK**.

6 If you do not want to change additional settings, press **Black Start** or **Color Start**.

Adjusting Brightness, Contrast and Color

Brightness

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

1 Press [ ] (**Copy**).

2 Load your document.

3 Enter the number of copies you want.

4 Press ▲ or ▼ to choose Brightness.

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

6 If you do not want to change additional settings, press **Black Start** or **Color Start**.

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Contrast

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

1. Press ⬛ (**Copy**).

2. Load your document.

3. Enter the number of copies you want.

4. Press ▲ or ▼ to choose Contrast.

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

6. If you do not want to change additional settings, press **Black Start** or **Color Start**.

Color Saturation

1. Press ⬛ (**Copy**).

2. Load your document.

3. Enter the number of copies you want.

4. Press ▲ or ▼ to choose RED Adjust, GREEN Adjust or BLUE Adjust.
   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 the saturation for another color, 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. Press ⬛ (**Copy**).

2. Load your document.

3. Enter the number of copies you want.

4. Press ▲ or ▼ to choose Paper Type.

5. Press ◀ or ▶ to choose Plain Paper, Inkjet Paper, Brother Photo, Other Photo or Transparency.
   Press **OK**.

6. 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 [4 in. (W) × 6 in. (H) or 10 cm (W) × 15 cm (H)] paper.

1. Press ⬛ (**Copy**).

2. Load your document.

3. Enter the number of copies you want.

4. Press ▲ or ▼ to choose Paper Size.

5. Press ◀ or ▶ to choose Letter, Legal, A4, A5 or 4"x6".
   Press **OK**.

6. 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 the default settings. These settings will stay until you change them again.

a Press ![Copy icon] (**Copy**).

b Press ▲ or ▼ to choose your new setting. Press **OK**.
Repeat this step for each setting you want to change.

c After changing the last setting, press ▲ or ▼ to choose Set New Default. Press **OK**.

d Press **1** to choose Yes.

e 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.

a Press ![Copy icon] (**Copy**).

b Press ▲ or ▼ to choose Factory Reset. Press **OK**.

c Press **1** to choose Yes.

d Press **Stop/Exit**.

'Out of Memory' message

If the Out of Memory message appears while scanning documents, press **Stop/Exit** to cancel or **Black Start** or **Color Start** to copy the scanned pages.

You will need to clear some jobs from the memory before you can continue.

To free up extra memory, do the following:

■ Turn off Advanced Fax Operation. (See *Turning off Advanced Fax Operations* on page 76.)

■ Print the faxes that are in the memory. (See *Printing a fax from the memory* on page 44.)

When you get an Out of Memory message, you may be able to make copies if you first print incoming faxes in the memory to restore the memory to 100%.

13

Section IV

▶

Walk-up Photo Printing

14 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 97.)

Scanning to a memory cards 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 108.)

Using PhotoCapture Center® from your computer

You can access a memory card or USB Flash memory drive that is inserted in the 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™

22 mm or less

11 mm or less
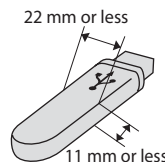
USB Flash memory drive

■ 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 (Large Capacity).

■ The DPOF file on the memory cards must be in a valid format. (See *DPOF printing* on page 103.)

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®.

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Getting started

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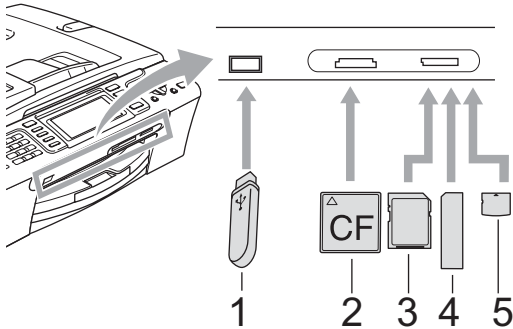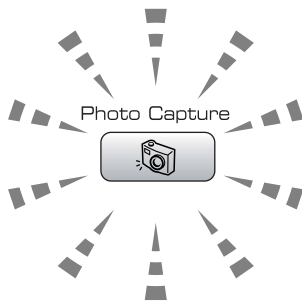

1   USB Flash memory drive

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, memory card or USB Flash memory drive is being read or written to.

> **CAUTION**
>
> DO NOT unplug the power cord or remove the media from the media drive (slot) or USB direct interface while the machine is reading or writing to the media (the **PhotoCapture** key is blinking). **You will lose your data or damage the card.**
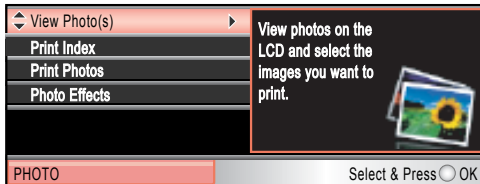
The machine can only read one device at a time so do not put more than one media in the slot.

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:

View Photo(s)	▶	View photos on the
Print Index		LCD and select the
Print Photos		images you want to
Photo Effects		print.
PHOTO		Select & Press ○ OK

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

■ View Photo(s) (See page 97.)

■ Print Index (See page 98.)

■ Print Photos (See page 98.)

■ Photo Effects (See page 99.)

■ Search by Date (See page 101.)

■ Print All Photos (See page 102.)

■ Slide show (See page 102.)

■ Trimming (See page 103.)

Note

If your digital camera supports DPOF printing, see *DPOF printing* on page 103.

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.

Note

Instead of scrolling through your photos, you can use the dial pad to enter the number of the image from the index page. (See *Print Index (Thumbnails)* on page 98.)

4 Press ▲ or ▼ to increase or decrease the number of copies.

5 Repeat step **3** and step **4** until you have chosen all the photos.

Note

Press **Clear/Back** to go back to the previous level.

6 After you have chosen all the photos, do one of the following:

■ Press **OK** and change the print settings. (See page 104.)

■ If you do not want to change any settings, press **Color Start** to print.

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Print Index (Thumbnails)

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

No. 1   01. 01. 2003
DEI.JPG   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.

a Make sure you have put the memory card or USB Flash memory drive in the proper slot.

Press 📷 (**PhotoCapture**).

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

c 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 **d**

d Press **Color Start** to print.

Print Photos

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

a Make sure you have put a memory card or USB Flash memory drive in the proper slot.

Press 📷 (**PhotoCapture**).

b Print the Index. (See *Print Index (Thumbnails)* on page 98.)

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

d Enter the image number that you want to print from the Index page (Thumbnails). Press **OK**.

e Repeat step **d** until you have entered all the image numbers that you want to print.

Note

You can enter all the numbers at one time by using the ✳ key for a comma or the **#** key for a hyphen. For example, Enter **1**, ✳, **3**, ✳, **6** to print images No.1, No.3 and No.6. Enter **1**, **#**, **5** to print images No.1 to No.5.

f After you have chosen all the image numbers, press **OK** again.

g Enter the number of copies you want using the dial pad.

h Do one of the following:

■ Change the print settings. (See page 104.)

■ 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 *. To go back to the original size, press * again.

- The Photo Effects feature is supported by technology from Reallusion, Inc. REALLUSION

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 **OK** and ▲ or ▼ to increase or decrease the number of copies.

6. Do one of the following.

   ■ Press **OK** and change the print settings. (See page 104.)

   ■ 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 adjust 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**.

Note

You can also adjust the effect level manually, by pressing ▲ or ▼.

5. Press **OK** and ▲ or ▼ to increase or decrease the number of copies.

6. Do one of the following.

   ■ Press **OK** and change the print settings. (See page 104.)

   ■ 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 of 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**.

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c Press ◀ or ▶ to choose your photo.
Press **OK**.

d Press ▲ or ▼ to choose
Enhance Scenery.
Press **OK**.

Note

You can also adjust the effect level
manually, by pressing ▲ or ▼.

e Press **OK** and ▲ or ▼ to increase or
decrease the number of copies.

f Do one of the following.

■ Press **OK** and change the print
settings. (See page 104.)

■ 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.

a Make sure you have put a memory card
or USB Flash memory drive in the
proper slot.

Press 📷 (**PhotoCapture**).

b Press ▲ or ▼ to choose
Photo Effects.
Press **OK**.

c Press ◀ or ▶ to choose your photo.
Press **OK**.

d 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.

e Press ▲ to try Remove Red-Eye once
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.

f Press **OK** and ▲ or ▼ to increase or
decrease the number of copies.

g Do one of the following.

■ Press **OK** and change the print
settings. (See page 104.)

■ If you do not want to change any
settings, press **Color Start** to print.

Monochrome

You can convert your photo to black & white.

a Make sure you have put a memory card
or USB Flash memory drive in the
proper slot.

Press 📷 (**PhotoCapture**).

b Press ▲ or ▼ to choose
Photo Effects.
Press **OK**.

c Press ◀ or ▶ to choose your photo.
Press **OK**.

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

e Press **OK** and ▲ or ▼ to increase or decrease the number of copies.

f Do one of the following.

■ Press **OK** and change the print settings. (See page 104.)

■ 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.

a Make sure you have put a memory card or USB Flash memory drive in the proper slot.

Press ⬚ (**PhotoCapture**).

b Press ▲ or ▼ to choose
Photo Effects.
Press **OK**.

c Press ◀ or ▶ to choose your photo.
Press **OK**.

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

e Press **OK** and ▲ or ▼ to increase or decrease the number of copies.

f Do one of the following.

■ Press **OK** and change the print settings. (See page 104.)

■ 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.

a Make sure you have put a memory card or USB Flash memory drive in the proper slot.

Press ⬚ (**PhotoCapture**).

b Press ▲ or ▼ to choose
Search by Date.
Press **OK**.

c Press ▲ or ▼ to choose the date that you want to search from.
Press **OK**.

d 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.

e Press ▲ or ▼ to increase or decrease the number of copies.

f Repeat step **d** and step **e** until you have chosen all your photos.

g After you have chosen all your photos, do one of the following:

■ Press **OK** and change the print settings. (See page 104.)

■ If you do not want to change any settings, press **Color Start** to print.

14

Print All Photos

You can print all the photos on your memory card.

1️⃣ Make sure you have put a memory card or USB Flash memory drive in the proper slot.

Press 🔲 (**PhotoCapture**).

2️⃣ Press ▲ or ▼ to choose Print All Photos. Press **OK**.

3️⃣ Enter the number of copies you want using the dial pad.

4️⃣ Do one of the following:

■ Change the print settings. (See page 104.)

■ 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.

1️⃣ Make sure you have put a memory card or USB Flash memory drive in the proper slot.

Press 🔲 (**PhotoCapture**).

2️⃣ Press ▲ or ▼ to choose Slide show. Press **OK**.

3️⃣ Press **Stop/Exit** to finish Slide show.

Printing a photo during a Slide show

1️⃣ Press **OK** to stop at one image while Slide show is operating.

2️⃣ Press ▲ or ▼ to increase or decrease the number of copies.

3️⃣ Do one of the following:

■ Press **OK** and change the print settings. (See page 104.)

■ 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 an irregular shape 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 **0** to rotate the frame.

   ■ Press **OK** when you have finished the frame setting.

5. Press ▲ or ▼ to increase or decrease the number of copies.

6. Do one of the following:

   ■ Press **OK** and change the print settings. (See page 104.)

   ■ 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™ 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 **1** to choose Yes.

3. Do one of the following:

   ■ Change the print settings. (See page 104.)

   ■ If you do not want to change any settings, press **Color Start** to print.

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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, unless you have set the Mode Timer to 2 minutes or less. (See *Mode Timer* on page 22).

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 107.)
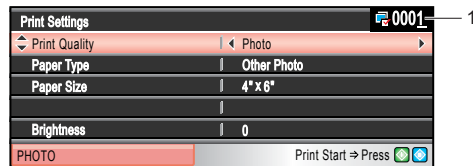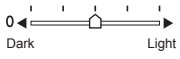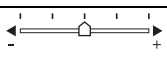

1 No. of prints

(For View Photo(s), Search by Date, Slide Show)
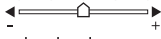
You can see the total number of photos that will be printed.

(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	—	105
Paper Type	Plain Paper/Inkjet Paper/Brother Photo/Other Photo	—	105
Paper Size	Letter/A4/4"x 6"/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	105
Brightness (Does not appear when Photo Effects is chosen.)	0 ◄———▲———► Dark Light	—	106
Contrast (Does not appear when Photo Effects is chosen.)	◄———▲———► - +	—	106

Menu Selections	Options 1	Options 2	Page
True2Life (Does not appear when Photo Effects is chosen.)	On/Off White Balance ◄———○———► ₊ Sharpness ◄———○———► ₊ Color Density ◄———○———► ₊ Exit	—	106
Cropping	On/Off	—	107
Borderless	On/Off	—	107
Set New Default	Yes/No	—	107
Factory Reset	Yes/No	—	107

Print Quality

1. Press ▲ or ▼ to choose Print Quality.

2. Press ◄ or ► to choose Normal or Photo.
   Press **OK**.

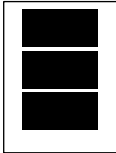3. If you do not want to change additional settings, press **Color Start** to print.
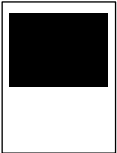
Paper options

Paper Type

1. Press ▲ or ▼ to choose Paper Type.

2. Press ◄ or ► to choose the paper size 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.

2. Press ◄ or ► to choose the paper size you are using, Letter, 4"x 6", 5"x 7" or A4.
   Press **OK**.

3. If you chose Letter or A4, press ▲ or ▼ to choose the Print Size.

4. Press ◄ or ► to choose the options.

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

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

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Adjusting Brightness, Contrast and Color

Brightness

1 Press ▲ or ▼ to choose Brightness.

2 Press ◀ to make a darker print or press ▶ to make a lighter 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.

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.

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 another option.

■ If you want to change other 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.

2. Press ◀ or ▶ to choose Off (or On). Press **OK**.

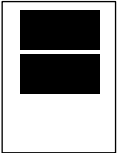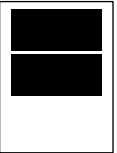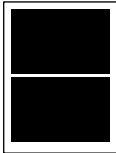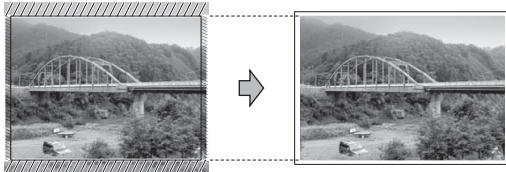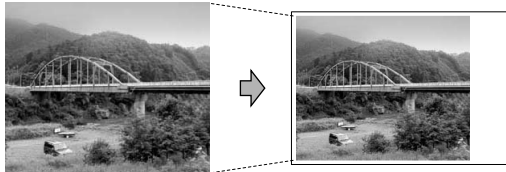3. If you do not want to change additional settings, press **Color Start** to print.

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.

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 **1** 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**.

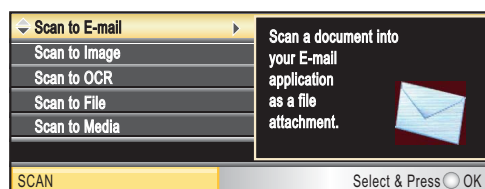2. Press **1** to choose Yes.

3. Press **Stop/Exit**.

14

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
[Scan] (**Scan**).

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 file formats (*.TIF). 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 July 1, 2007 would be named 07010705.PDF. You can change the color and quality.

Quality	Selectable File Format
Color 150dpi	JPEG/PDF
Color 300dpi	JPEG/PDF
Color 600dpi	JPEG/PDF
B/W 200x100dpi	TIFF/PDF
B/W 200dpi	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 or data stored on the card.

2. Load your document.

3. Press [Scan] (**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 Color 150dpi, Color 300dpi, Color 600dpi, B/W 200x100dpi or B/W 200dpi. 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 Do one of the following.

■ To change the file name, go to step ⑩.

■ Press **Black Start** or **Color Start** to start scanning without changing additional settings.

⑩ The file name is set automatically however, you can set a name of your choice using the dial pad. You can only change the first 6 digits.
Press **OK**.

📝 **Note**

Press **Clear/Back** to delete the current name.

⑪ 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 will also appear if you connect a broken device to the USB direct interface.

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Printing photos from a camera

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 112

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 111 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.
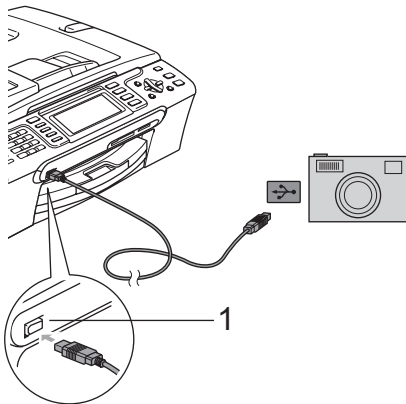
1 USB direct interface

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.

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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 110.

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.
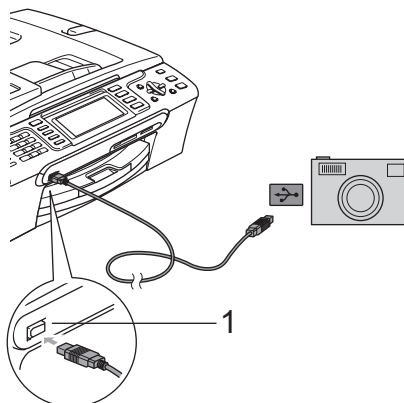
Printing Images

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.
For print settings, see *Print Images* on page 97

3 Follow the steps in *Print Images* on page 97.

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 will also appear if you connect a broken device to the USB direct interface.

For more detailed solutions see *Error messages* on page 136.

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Section V

Software

16 Software and Network features

The CD-ROM includes the Software User's Guide and Network User's Guide for features available when connected to a computer (for example, printing and scanning). These guides have 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®)
- Remote Setup
- Faxing from your computer
- PhotoCapture Center®
- Network Printing
- Network Scanning
- Wireless Network Users (MFC-685CW and MFC-885CW only)

How to read HTML User's Guide

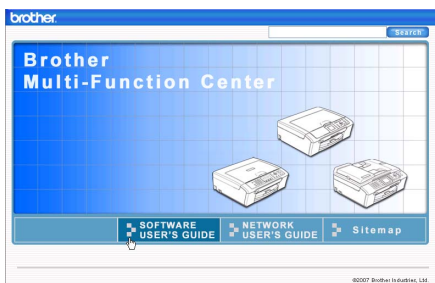This is a quick reference for using the HTML User's Guide.

(For Windows®)

Note

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

1. From the **Start** menu, point to **Brother**, **MFC-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.
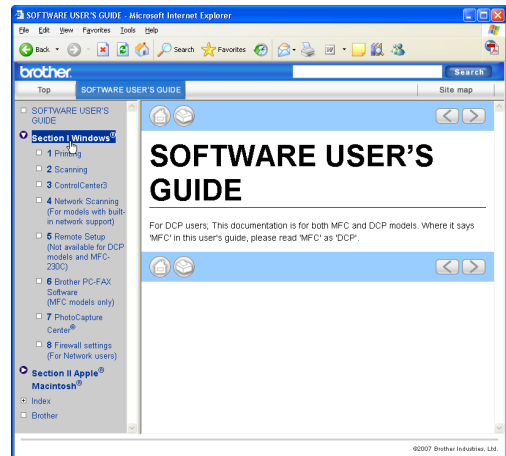
(For Macintosh®)

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.