

You can read the recommendations in the user guide, the technical guide or the installation guide for BROTHER DCP-135C. You'll find the answers to all your questions on the BROTHER DCP-135C in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual BROTHER DCP-135C
User guide BROTHER DCP-135C
Operating instructions BROTHER DCP-135C
Instructions for use BROTHER DCP-135C
Instruction manual BROTHER DCP-135C

## USER'S GUIDE DCP-135C DCP-150C DCP-153C DCP-157C C €



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.86 E F Glossary Index 87 88 vi Section I General Gen 1 10 9 8 7 6 5 1 1 Copy keys Lets you temporarily change the copy settings when in copy mode. Copy Options You can quickly and easily select temporary settings for copying. Enlarge/Reduce Lets you enlarge or reduce copies depending on the ratio you select. Copy Quality Use this key to temporarily change the quality of your copies.

Number of Copies Use this key to make multiple copies. Menu keys: Menu Lets you access the main menu. +a or -b Press to scroll through the menus and options. OK Lets you select a setting. 2 3 3 Stop/Exit 4 Stops an operation or exits from a menu.

4 Start keys: Mono Start Lets you start making copies in monochrome. Also lets you start a scanning operation (in colour or mono, depending on the scanning setting in the ControlCenter software). Colour Start Lets you start making copies in full colour. Also lets you start a scanning operation (in colour or mono, depending on the scanning setting in the ControlCenter software). 5 On/Off You can turn the machine on and off. If you turn the machine off, it will periodically clean the print head to maintain print quality. Ink Management Lets you clean the print head, check the print quality, and check the available ink volume. 2 6 6 General Information 7 Scan Lets you access Scan mode. 1 8 PhotoCapture Lets you access PhotoCapture CenterTM mode. 9 LCD (liquid crystal display) Displays messages on the screen to help you set up and use your machine.

Warning LED Turns red when the LCD displays an error or an important status message. 10 Note Most of the illustrations in this User's Guide show the DCP-135C. 7 Chapter 1 Warning LED indications The status LED (Light Emitting Diode) is a light that shows the DCP status. The LCD shows the current machine status when the machine is idle. 1 Printing Reports The following reports are available: Help List A help list about how to quickly program your machine. User Settings Lists your settings. 1 How to print a report LED DCP status Ready Off Cover open The cover is open. Close the cover. (See Error messages on page 58.) Ink empty Replace the Ink cartridge with a new one.

(See Replacing the ink cartridges on page 63.) Put paper in the tray or clear the paper jam. Check the LCD message. (See Troubleshooting and Routine Maintenance on page 55.) Check the LCD message.

(See Troubleshooting and Routine Maintenance on page 55.) Description The DCP is ready for use. 1 a b c d e Press Menu. Press a or b to choose 3.Print Reports.

Press OK. Press a or b to choose the report you want. Press OK. Press Mono Start. Press Stop/Exit. Red Paper error Other messages 8 2 Loading documents and paper How to load documents 2 2 Loading documents You can make copies and scan from the scanner glass. 2 a b 2 Lift the document cover. Using the document guidelines on the left, center the document face down on the scanner glass. 2 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 Size: Up to A4 size [215.

9 to 297 mm] Weight: Up to 2 kg 2 c Close the document cover. CAUTION If you are scanning a book or thick document, DO NOT slam the cover or press on it. 9 Chapter 2 Scannable area The scannable area depends on the settings in the application you are using.



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The figures below show the areas you cannot scan on Letter and A4 paper. 2 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. 2 3 1 4 2 Usage Copy Scan Document Size Letter A4 Letter A4 Top (1) Bottom (2) 3 mm 3 mm 3 mm Left (3) Right (4) 3 mm 3 mm 3 mm 0 mm For best results, use the Brother paper. When you print on inkjet paper (coated paper), transparencies and photo paper, be sure to choose the correct media in the Basic' tab of the printer driver or in the Paper Type setting of the menu.

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 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. 10 Loading documents and paper Recommended media To get the best print quality, we suggest using Brother paper. (See table below.

) If Brother paper is not available in your country, we recommend testing various papers before purchasing large quantities. We recommend using 3M Transparency Film' when you print on transparencies. 2 Improper Setup DO NOT use the following kinds of paper: · Damaged, curled, wrinkled, or irregularly shaped paper 2 1 Brother paper Paper Type A4 Plain A4 Glossy Photo A4 Inkjet (Matte) 10 x 15 cm Glossy Item BP60PA BP61GLA BP60MA BP61GLP 1 1 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 2 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. 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. 2 11 Chapter 2 Choosing the right media Paper type and size for each operation Paper Type Paper Size Usage Copy Cut Sheet Letter A4 Legal Executive JIS B5 A5 A6 Cards Photo Photo 2L Index Card Post Card 1 Post Card 2 (Double) Envelopes C5 Envelope DL Envelope COM-10 Monarch JE4 Envelope Transparencies Letter A4 216 × 279 mm (8 1/2 × 11 in.) 210 × 297 mm (8.3 × 11.

7 in.)  $216 \times 356$  mm (8  $1/2 \times 14$  in.)  $182 \times 257$  mm (7.2 × 10.1 in.)  $148 \times 210$  mm (5.8 × 8.3 in.)  $105 \times 148$  mm (4.1 × 5.8 in.)  $10 \times 15$  cm (4 × 6 in.)  $13 \times 18$  cm (5 × 7 in.)  $127 \times 203$  mm (5 × 8 in.)  $100 \times 148$  mm (3.9 × 5.8 in.)  $148 \times 200$  mm (5.8 × 7.9 in.

)  $162 \times 229 \ mm \ (6.4 \times 9 \ in.) \ 110 \times 220 \ mm \ (4.3 \times 8.7 \ in.) \ 105 \times 241 \ mm \ (4.1/8 \times 9 \ 1/2 \ in.) \ 98 \times 191 \ mm \ (3.7/8 \times 7 \ 1/2 \ in.) \ 105 \times 235 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.)$  \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.) \ 105 \times 100 \ mm \ (4.1 \times 9.3 \ in.

006 in.) 100 1 0.08 to 0.25 mm (0.003 to 0.

01 in.) Up to 0.25 mm (Up to 0.01 in.) 20 20 2 Glossy Paper Up to 220 g/m2 (Up to 58 lb) Cards Photo Card Up to 240 g/m2 (Up to 64 lb) Index Card Up to 120 g/m2 (Up to 32 lb) Post Card Up to 200 g/m2 (Up to 53 lb) Envelopes Transparencies 1 Up to 0.

 $28 \ mm \ (Up \ to \ 0.01 \ in.) \ 20 \ Up \ to \ 0.15 \ mm \ (Up \ to \ 0.006 \ in.) \ 30 \ Up \ to \ 0.23 \ mm \ (Up \ to \ 0.01 \ in.) \ 30 \ 75 \ to \ 95 \ g/m2 \ (20 \ to \ 25 \ lb) \ Up \ to \ 0.52 \ mm \ (Up \ to \ 0.10 \ in.) \ 30 \ To \ to \ 95 \ g/m2 \ (20 \ to \ 25 \ lb) \ Up \ to \ 0.52 \ mm \ (Up \ to \ 0.10 \ in.) \ 30 \ To \ to \ 95 \ g/m2 \ (20 \ to \ 25 \ lb) \ Up \ to \ 0.52 \ mm \ (Up \ to \ 0.10 \ in.) \ (Up \ to \ 0.10$ 

02 in.) 10 10 Up to 50 sheets for Legal size paper 80 g/m2 (20 lb). Up to 100 sheets of 80 g/m2 (20 lb) paper. 13 Chapter 2 Loading paper, envelopes and other media Loading paper and other media b Press and slide the paper side guides (1) and paper length guide (2) to fit the paper size. 2 1 2 a Pull the paper tray completely out of the machine. Lift the output paper tray cover (1). 2 c 1 Fan the stack of paper well to avoid paper jams and misfeeds. Note Always make sure that the paper is not curled. d Gently put the paper into the paper tray print side down and top edge first. Check that the paper is flat in the tray.

14 Loading documents and paper e Gently adjust the paper side guides to the paper with both hands. Make sure the paper side guides touch the sides of the paper. g Slowly push the paper tray completely into the machine. 2 h While holding the paper tray in place, pull out the paper support (1) until it clicks and unfold the paper support flap (2). 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.

f Close the output paper tray cover. Note Do not use the paper support flap for Legal paper. 15 Chapter 2 Loading envelopes and post cards Loading envelopes Use envelopes that weigh from 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: If they are of a baggy construction. In that are embossed (have raised writing on them). That have clasps or staples. That are pre-printed on the inside. Glue 2 How to load envelopes and post cards 2 2 a Before loading, press the corners and sides of the envelopes or post cards to make them as flat as possible. 2 Note If the envelopes or post cards are doublefeeding', put one envelope in the paper tray at a time.



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Double flap 2 b Occasionally you may experience paper feed problems caused by the thickness, size and flap shape of the envelopes you are using. Put the envelopes or post cards into the paper tray with the address side down and the leading edge (top of the envelopes) in first. Slide the paper side guides (1) and paper length guide (2) to fit the size of the envelopes or post cards. 1 2 16 Loading documents and paper If you have problems when printing on envelopes, try the following suggestions:2 a b c Open the envelope flap.

Make sure the open flap is either to the side of the envelope or to the back edge of the envelope when printing. Adjust the size and margin in your application. 2 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. 2 17 Chapter 2 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 2 3 1 4 1 3 4 2 Top (1) Cut Sheet Envelopes 3 mm 12 mm Bottom (2) 3 mm 24 mm Left (3) 3 mm 3 mm 2 Right (4) 3 mm 3 mm Note The Borderless feature is not available for envelopes. 18 Section II Copy Making copies II 20 3 Making copies Copy options When you want to quickly change the copy settings temporarily for the next copy, use the temporary Copy keys. You can use different combinations.

3 3 How to copy You can use your machine as a copier, making up to and 99 copies at a time. 3 3 Making a single copy a b Load your document. Press Mono Start or Colour Start. The machine returns to its default settings 1 minute after it finishes copying. Making multiple copies You can make up to 99 copies.

3 Note You can save the copy settings you use most often by setting them as default. You can find instructions on how to do this in the section for each feature. a b Load your document. Press Number of Copies repeatedly until the number of copies you want appears (up to 99). Or press a or b to change the number of copies.

Press Mono Start or Colour Start. c Stop copying To stop copying, press Stop/Exit. 3 20 Making copies Changing copy speed and quality You can select from a range of quality settings. The default setting is Normal. To temporarily change the quality setting, follow the instructions below: Press Normal Normal is the recommended mode for ordinary print outs. This produces good copy quality with good copy speed. Fast Fast copy speed and lowest ink consumption. Use to save time printing documents to be proof-read, large documents or many copies. Use best mode to copy precise images such as photographs. This provides the highest resolution and the slowest speed.

To change the default setting, follow the instructions below: 3 a b c d e Press Menu. Press a or b to choose 1.Copy. Press OK. Press a or b to choose 3.Quality. Press OK. Press a or b to choose Fast, Normal or Best. Press OK. Press Stop/Exit.

3 Enlarging or reducing the image copied You can select the following enlargement or reduction ratios: Custom(25-400%) allows you to enter a ratio from 25% to 400%. Press Custom(25-400%) 200% 198% 10x15cmiA4 186% 10x15cmiLTR 142% A5iA4 104% EXEiLTR 3 Best a b c Load your document. Press Copy Quality repeatedly to choose Fast, Normal or Best. Press Mono Start or Colour Start. 100% 97% LTRiA4 93% A4iLTR 83% 78% 69% A4iA5 50% 21 Chapter 3 To enlarge or reduce the next copy follow the instruction below: Important Please make sure paper size is set to Letter, Legal, or A4.

3 a b c Load your document. Press Enlarge/Reduce. Do one of the following: Press a or b to choose the enlargement or reduction ratio you want. Press OK.

Press a or b to choose Custom(25-400%).

Press OK. Press a or b repeatedly to enter an enlargement or reduction ratio from 25% to 400%. Press OK. You cannot use the Enlarge/Reduce setting with the N in 1 and Poster features. N in 1 colour copies are not available. (P) means Portrait and (L) means Landscape. You can only make one poster copy at a time. Press Off(1 in 1) 2 in 1 (P) 2 in 1 (L) 4 in 1 (P) and then a or b to choose Page Layout 4 in 1 (L) Poster(3 x 3) d Press Mono Start or Colour Start. Note Page Layout Options 2 in 1 (P), 2 in 1 (L), 4 in 1 (P), 4 in 1 (L) or Poster(3 x 3) are not available with Enlarge/Reduce. a b 3 Load your document.

Press Copy Options and a or b to choose Page Layout. Press OK. Press a or b to choose 2 in 1 (P), 2 in 1 (L), 4 in 1 (P), 4 in 1 (L), Poster(3 x 3) or Off(1 in 1). Press OK. Press Mono Start to scan the document. You can also press Colour Start if you are using the Poster layout. After the machine scans the page, press a (Yes) to scan the next page. Next Page? a Yes b No Making N in 1 copies or a poster You can reduce the amount of copies by using the N in 1 copy feature. This allows you to copy two or four pages onto one page, which allows you to save paper. 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. c d e 22 Making copies f Put the next document on the scanner glass. Press OK. Repeat e and f for each page of the layout. Set Next Page Then Press OK Adjusting Brightness, Contrast and Colour Brightness To temporarily change the brightness setting, follow the instruction below: Press -nnonn+ 3 3 g After all the pages have been scanned, press b (No) to finish.

3 Note If any photo paper is selected as the paper type setting for N in 1 copies, the images will be printed as if plain paper had been selected. Place your document face down in the direction shown below: 2 in 1 (P) and then a or b to choose Brightness a b Load your document. Press Copy Options and a or b to choose Brightness. Press OK. -nnonn+ e 2 in 1 (L) c d a b c d e Press a or b to make a lighter or darker copy.

Press OK. Press Mono Start or Colour Start. 4 in 1 (P) To change the default setting follow the instructions below: Press Menu. Press a or b to choose 1.Copy. Press OK. Press a or b to choose 4.Brightness. Press OK. Press a or b to make a lighter or darker copy.

Press OK. Press Stop/Exit. 4 in 1 (L) Poster (3×3) You can make a poster size copy of a photograph. 23 Chapter 3 Contrast Adjust the contrast to help an image look sharper and more vivid. 3 Paper options Paper type If you are copying on special paper, be sure to select the type of paper you are using so you will get the best print quality. Press Plain Paper Inkjet Paper Brother Photo Other Photo and then a or b to choose Paper Type Transparency 3 3 a b c d e a b c d e f Press Menu.



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Press a or b to choose 1.Copy. Press OK. Press a or b to choose 5.

Contrast. Press OK. Press a or b to increase or decrease the contrast. Press OK. Press Stop/Exit.

3 Colour saturation Press Menu. Press a or b to choose 1. Copy. Press OK. Press a or b to choose 6.

Color Adjust. Press OK. Press a or b to choose 1.Red, 2.Green or 3.Blue. Press OK. Press a or b to change the colour saturation. Press OK. Do one of the following: a b c d a b c d Load your document.

Press Copy Options and a or b to choose Paper Type. Press OK. Press a or b to choose the type of paper you are using. Press OK. Press Mono Start or Colour Start. To change the default setting, follow the instruction below: Press Menu. Press a or b to choose 1. Copy. Press OK. Press a or b to choose 1. Paper Type. Press OK. Press a or b to choose Plain Paper, Inkjet Paper, Brother Photo, Other Photo or Transparency. Press OK. Press Stop/Exit. Return to d to select the next colour. Press Stop/Exit. e 24 Making copies Paper size If copying on paper other than A4 size, you will need to change the paper size setting. You can copy on Letter, Legal, A4, A5 or Photo Card (10×15 cm) paper. Press Letter Legal A4 A5 and then a or b to choose Paper Size 10(W) x 15(H)cm 3 3 a b c d a b c d Load your document.

Press Copy Options and a or b to choose Paper Size. Press OK. Press a or b to choose the size of paper you are using. Press OK. Press Mono Start or Colour Start. To change the default setting, follow the instruction below: Press Menu. Press a or b to choose 1.Copy. Press OK. Press a or b to choose 2.

Paper Size. Press OK. Press a or b to choose the paper size you are using, Letter, Legal, A4, A5 or 10x15cm. Press OK. Press Stop/Exit. e 25 Chapter 3 26 Section III Direct Photo Printing Printing photos from a memory card or USB Flash memory drive Printing photos from a camera III 28 39 4 Note Printing photos from a memory card or USB Flash memory drive 4 PhotoCapture CenterTM Operations The DCP-135C only supports USB Flash memory drive. 4 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 How to print from a memory card or USB Flash memory drive on page 31.) Your Brother machine has media drives (slots) for use with popular digital camera media: CompactFlash®, Memory Stick® Memory Stick ProTM, SecureDigitalTM, MultiMediaCardTM and xD-Picture CardTM and USB Flash memory drives. 4 CompactFlash® Memory Stick ProTM 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 37.) SecureDigitalTM MultiMediaCardTM 22 mm or less 4 xD-Picture CardTM 11 mm or less USB Flash memory drive Using PhotoCapture CenterTM from your computer 4 miniSDTM can be used with a miniSDTM adapter. Memory Stick DuoTM can be used with a Memory Stick Pro DuoTM adapter. Adapters are not included with the machine.

Contact a third party supplier for adapters. The PhotoCapture CenterTM feature lets you print digital photos from your digital camera at high resolution to get photo quality printing. You can access a memory card that is inserted in front of the machine from your PC. (See PhotoCapture CenterTM for Windows® or PhotoCapture CenterTM for Macintosh® in the Software User's Guide on the CD-ROM.) 28 Printing photos from a memory card or USB Flash memory drive Memory cards or USB Flash memory drive folder structure4 Your machine is designed to be compatible with modern digital camera image files and memory cards; however, please read the points below to avoid errors: The image file extension must be.

JPG (Other image file extensions like .JPEG, .TIF, .GIF and so on will not be recognized). PhotoCapture CenterTM printing without using a PC must be performed separately from PhotoCapture CenterTM operations using the PC. (Simultaneous operation is not available.) IBM MicrodriveTM is not compatible with the machine. The machine can read up to 999 files on a memory card. CompactFlash® Type II is not supported. This product supports xD-Picture CardTM Type M / Type H.

The DPOF file on the memory cards or USB Flash memory drive must be in a valid format. (See DPOF printing on page 33.) Please be aware of the following: When printing the INDEX or IMAGE, the PhotoCapture CenterTM will print all the valid images, even if one or more images have been corrupted. A portion of the corrupted image may be printed. The corrupted image will not be deleted. (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 have been formatted by Windows®. 4 29 Chapter 4 Getting started Firmly put a memory card or USB Flash memory drive into the correct slot. PhotoCapture key indications: 1 1 2 3 4 5 USB Flash memory drive CompactFlash® 2 34 5 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) or USB direct interface 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. SecureDigitalTM, MultiMediaCardTM Memory Stick®, Memory Stick ProTM xD-Picture CardTM 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. The machine can only read one device at a time so do not put more than one device in a slot.

30 Printing photos from a memory card or USB Flash memory drive How to print from a memory card or USB Flash memory drive Before printing a photo you must first print a thumbnail index to choose the number of the photo you want to print.



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Follow the instructions below to start printing directly from your memory card: Print Index (Thumbnails) The PhotoCapture CenterTM assigns numbers for images (such as No.1, No.2, No.3, and so on). 44 a Make sure you have put the memory card or USB Flash memory drive in the correct slot. The LCD will show the following message: C.Flash Active Press PhotoCa...

4 The PhotoCapture CenterTM does not recognise any other numbers or file names that your digital camera or PC has used to identify the pictures (Index page with 5 images per line). This will show all the pictures on the media card or USB Flash memory drive. b c d Press PhotoCapture. For DPOF printing, see DPOF printing on page 33. Press a or b to choose Print Index and then press OK. Press Colour Start to start printing the index sheet. Make a note of the image number you want to print. See Print Index (Thumbnails) on page 31. To print images press a or b to choose Print Images in c and then press OK. See Printing Images on page 32.

Enter the image number and press OK. Press Colour Start to start printing. Note Only file names that are 8 characters or less will be printed correctly on the index sheet. efg a b c Make sure you have put the memory card in the correct slot. Press (PhotoCapture).

Press a or b to choose Print Index. Press OK. Press a or b to choose the type of paper you are using, Plain Paper, Inkjet Paper, Brother Photo or Other Photo. Press OK. Press a or b to choose the paper size you are using, Letter or A4.

Press OK. Press Colour Start to print. 31 d e Chapter 4 Printing Images Before you can print an individual image, you have to know the image number. 4 f a b c Press a or b to choose the type of paper you are using, Plain Paper, Inkjet Paper, Brother Photo or Other Photo. Press OK. Press a or b to choose the paper size you are using, Letter, A4, 10x15cm or 13x18cm. If you selected Letter or A4, go to h. If you selected another size, go to i. If you have finished choosing settings, press Colour Start. Make sure you have put the memory card or USB Flash memory drive in the correct slot.

Print the index first. (See Print Index (Thumbnails) on page 31.) Press (PhotoCapture). g Press a or b to choose Print Images. Press OK. h Note If your memory card or USB Flash memory drive contains valid DPOF information, the LCD will show DPOF Print: Yes, see DPOF printing on page 33. Press a or b to choose the print size (10 x 8cm, 13 x 9cm, 15 x 10cm, 18 x 13cm, 20 x 15cm or Max. Size). Press OK. Do one of the following: To choose the number of copies go to i.

If you have finished choosing settings, press Colour Start. i d Press a repeatedly to enter the image number that you want to print from the thumbnail index. Press OK. No.:1,3,6 j k Press a or b to enter the number of copies you want.

Press OK. Press Colour Start to print. Note · Press b to decrease the image number. · You can enter a range of numbers at one time by using the Copy Options key for hyphen. (For example, enter 1, Copy Options, 5 to print images No.

1 to No.5). You can enter up to 12 characters (including commas) for the image numbers you want to print. The printing positions when using A4 paper are shown below. 1 10 x 8cm 2 13 x 9cm 3 15 x 10cm e After you have selected the images you want to print, press OK to select your settings. If you have already chosen your settings, press Colour Start. 4 18 x 13cm 5 20 x 15cm 6 Max. Size 32 Printing photos from a memory card or USB Flash memory drive 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 a memory card (CompactFlash®, Memory Stick®, Memory Stick ProTM, SecureDigitalTM MultiMediaCardTM or xDPicture CardTM) containing DPOF information is put into your machine, you can print the chosen image easily. 4 f Press a or b to choose the paper size you are using, Letter, A4, 10x15cm or 13x18cm. If you selected Letter or A4, go to g. If you selected another size, go to h. If you have finished choosing settings, press Colour Start.

g Press a or b to choose the print size (10 x 8cm, 13 x 9cm, 15 x 10cm, 18 x 13cm, 20 x 15cm or Max. Size). Press OK. Press Colour Start to print. 4 h To print directly from a memory card or USB Flash memory drive containing DPOF information on it follow the instructions below: a Firmly insert the memory card into the correct slot.

C.Flash Active Press (PhotoCapture). b c d e Press a or b to choose Print Images. Press OK. If there is a DPOF file on the card, the LCD will show: DPOF Print:Yes e Press a or b to choose DPOF Print:Yes.

Press OK. Press a or b to choose the type of paper you are using, Plain Paper, Inkjet Paper, Brother Photo or Other Photo. Press OK. 33 Chapter 4 PhotoCapture CenterTM print settings These settings will remain until you change them again. Paper Size 4 4 a b c d Press Menu. Press a or b to choose 2.PhotoCapture. Press OK. Press a or b to choose 3.Paper Size.

Press OK. Press a or b to choose the paper size you are using, Letter, A4, 10x15cm or 13x18cm. Press OK. Press Stop/Exit. 4 Print quality 4 a b c d e Press Menu. Press a or b to choose 2.PhotoCapture. Press OK. Press a or b to choose 1.Print Quality.

Press OK. Press a or b to choose Normal or Photo. Press OK. Press Stop/Exit. e Print Size This setting is available only when you select Letter or A4 in the paper size setting.

a b 4 Press Menu. Press a or b to choose 2. Photo Capture. Press OK. Press a or b to choose 4.

Print Size. Press OK. Press a or b to choose the print size you are using, 10 x 8cm, 13 x 9cm, 15 x 10cm, 18 x 13cm, 20 x 15cm or Max. Size. Press OK. Press Stop/Exit. Paper Options Paper Type c 4 a b c d Press Menu. Press a or b to choose 2. PhotoCapture. Press OK.

Press a or b to choose 2.Paper Type. Press OK. Press a or b to choose Plain Paper, Inkjet Paper, Brother Photo or Other Photo. Press OK. Press Stop/Exit. d e e 34 Printing photos from a memory card or USB Flash memory drive Adjusting Brightness, Contrast and Colour Brightness c 4 Press a or b to choose 7. Color Enhance. Press OK. Press a or b to choose On (or Off).

Press OK. If selecting Off, then go to g. 4 d e a b c d e Press Menu. Press a or b to choose 2.PhotoCapture.

Press OK. Press a or b to choose 5.Brightness. Press OK. Press a or b to make a lighter or darker print.

Press OK. Press Stop/Exit. 4 Press a or b to choose 1. White Balance, 2. Sharpness or 3. Color Density. Press OK. Press a or b to adjust the degree of the setting. Press OK. Press Stop/Exit.

4 f g Note · White Balance This setting adjusts the hue of the white areas of an image.



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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 colour. By using this, you can correct this 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. Colour Density This setting adjusts the total amount of colour in the image. You can increase or decrease the amount of colour in an image to improve a washed out or weak picture. Contrast You can select the contrast setting. More contrast will make an image look sharper and more vivid.

a b c d e Press Menu. Press a or b to choose 2. Photo Capture. Press OK. Press a or b to choose 6.

Contrast. Press OK. Press a or b to increase or decrease the contrast. Press OK. Press Stop/Exit.

4 Colour Enhancement You can turn on the colour enhancement feature to print more vivid images. Printing time will be slower. a b Press Menu. Press a or b to choose 2.PhotoCapture. Press OK. 35 Chapter 4 Cropping If your photo is too long or wide to fit the available space on your chosen layout, part of the image will be automatically cropped. The default setting is On. If you want to print the whole image, turn this setting to Off. 4 Borderless printing This feature expands the printable area to the edges of the paper.

Printing time will be slightly slower. 4 a b c d e Press Menu. Press a or b to choose 2.PhotoCapture. Press OK. Press a or b to choose 8.Cropping. Press OK.

Press a or b to choose Off (or On). Press OK.

Press Stop/Exit. Cropping: On 4 a b c d e Press Menu. Press a or b to choose 2.PhotoCapture. Press OK.

Press a or b to choose 9.Borderless. Press OK. Press a or b to choose Off (or On). Press OK.

Press Stop/Exit. Cropping: Off 4 36 Printing photos from a memory card or USB Flash memory drive Scan to a memory card or USB Flash memory drive You can scan monochrome and colour documents into a memory card or USB Flash memory drive. Monochrome documents will be stored in PDF (\*.PDF) or TIFF file formats (\*.TIF). Colour documents may be stored in PDF (\*.PDF) or JPEG (\*.JPG) file formats. The default setting is Color 150 dpi and the default file format is PDF. The machine automatically creates file names based on the current date.

(For details, see the Quick Setup Guide.) For example, the fifth image scanned on June 1, 2007 would be named 01060705.PDF. You can change the colour and quality. Quality Color 150 dpi Color 300 dpi Color 600 dpi B/W 200x100 dpi B/W 200 dpi Selectable File Format JPEG / PDF JPEG / PDF TIFF / PDF TIFF / PDF ® d Press a or b to choose Scan to Media, do one of the following: To change the quality press OK and go to step e. To start scanning press Mono Start or Colour Start. 4 e Press a or b to choose the quality, and then press OK. Do one of the following. To change the file type, go to step f. To start scanning press Mono Start or Colour Start.

4 f Press a or b to choose the file type and then press OK. Press Mono Start or Colour Start. Changing the image quality 4 a b c d e Press Menu. Press a or b to choose 2.PhotoCapture.

Press OK. Press a or b to choose 0.Scan to Media. Press OK. Press a or b to choose 1.

Quality. Press OK. Press a or b to choose B/W 200x100 dpi, B/W 200 dpi, Color 150 dpi, Color 300 dpi or Color 600 dpi. Press OK. Press Stop/Exit. a Insert a CompactFlash, Memory Stick®, Memory Stick ProTM, SecureDigitalTM, MultiMediaCardTM, xD-Picture CardTM 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. f b c Load your document. Press (Scan). 37 Chapter 4 Changing the monochrome file format 4 Understanding the Error Messages Once you are familiar with the types of errors that can occur while you are using PhotoCapture CenterTM, 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 available space to scan the documents. 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 4 a b c d e f Press Menu. Press a or b to choose 2. PhotoCapture. Press OK. Press a or b to choose 0.

Scan to Media. Press OK. Press a or b to choose 2.B/W File Type. Press OK.

Press a or b to choose TIFF or PDF. Press OK. Press Stop/Exit. Changing the colour file format 4 a b c d e f Press Menu. Press a or b to choose 2.PhotoCapture. Press OK. Press a or b to choose 0.Scan to Media. Press OK.

Press a or b to choose 3.ColorFile Type. Press OK. Press a or b to choose JPEG or PDF. Press OK. Press Stop/Exit. 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. 38 5 Printing photos from a camera Depending on your camera some of these settings may not be available. Camera Menu Selections Paper Size Options Letter, A4, 10x15 cm, Printer Settings (Default setting) 2 Paper Type Plain Paper, Glossy Paper, Inkjet Paper, Printer Settings (Default setting) 2 Borderless: On, Borderless: Off, Printer Settings (Default setting) 2 DPOF setting 1 Print Quality Color Enhancement 1 5 5 Printing photos directly from a PictBridge camera 5 5 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 supports 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 41.

Layout Normal, Fine, Printer Settings (Default setting) 2 On, Off, Printer Settings (Default setting) 2 PictBridge requirements To avoid errors, remember the following points: See DPOF printing on page 40 for more details. If your camera is set to use the Printer Settings (Default setting), the machine will print your photo using the following settings.



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2 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 CenterTM operations are not available when using the PictBridge feature. Settings Paper Size Paper Type Layout Print Quality Color Enhancement Options 10x15 cm Glossy Paper Borderless: On Fine 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. Setting your digital camera Make sure your camera is in PictBridge mode. Some of the settings listed below may not be available for your PictBridge compatible digital camera. 39 Chapter 5 Printing Images Note Remove any memory cards or USB Flash memory drive from the machine before connecting a digital camera.

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

1 1 USB direct interface b Turn on the camera. When the machine has recognized the camera, the LCD shows the following message: Camera Connected c 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. 40 Printing photos from a camera Printing photos directly from a digital camera (without PictBridge) If your camera supports (and is currently 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 39. Printing Images Note Remove any memory cards or USB Flash memory drive from the machine before connecting the digital camera. 5 5 a Connect your camera to the USB direct interface (1) on the machine using the USB cable. 5 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 USB mass storage mode. I USB direct interface b c Turn on the camera. Follow the steps in Printing Images on page 32. WARNING To prevent damages to your machine, do not connect any device other than a digital camera or USB Flash memory drive to the USB direct interface. 41 Chapter 5 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 58. 5 42 Section IV Software features IV 44 6 Software features C Click the heading you would like to read from the list at the left of the window.

6 The CD-ROM includes the Software User's Guide 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 CenterTM How to read the HTML User's Guide This is a quick reference to use the HTML User's Guide. (For Windows®) (For Macintosh®) a b c d Make sure your Macintosh® is turned on. Insert the Brother CD-ROM into your CD-ROM drive. Double-click the Documentation icon. Double-click your language folder, and then double-click the top page file. Click SOFTWARE 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. Note If you have not installed the software, see Viewing Documentation on page 3. a 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.

Click SOFTWARE USER'S GUIDE from the top menu. b 44 Section V Appendixes Safety and Legal Troubleshooting and Routine Maintenance Menu and Features Specifications Glossary V 46 55 72 78 87 A Safety and Legal A Choosing a location Put your machine on a flat, stable surface that is free of vibration and shocks, such as a desk. Put the machine near a standard, grounded electrical socket. Choose a location where the temperature remains between 10° C and 35° C. CAUTION · Avoid placing your machine in a high-traffic area.

- · Avoid placing your machine on a carpet. · DO NOT put the machine near heaters, air conditioners, refrigerators, medical equipment, chemicals or water. DO NOT expose the machine to direct sunlight, excessive heat, moisture, or dust. · DO NOT connect your machine to electrical sockets controlled by wall switches or automatic timers. · Disruption of power can wipe out information in the machine's memory.
- Do not connect your machine to electrical sockets on the same circuit as large appliances or other equipment that might disrupt the power supply. Avoid interference sources, such as speakers or the base units of non-Brother cordless phones. A 46 Safety and Legal To use the machine safely Please keep these instructions for later reference and read them before attempting any maintenance. WARNING A There are high voltage electrodes inside the machine. Before you clean the inside of the machine, make sure you have unplugged the power cord from the electrical socket. Doing this will prevent an electrical shock. A DO NOT handle the plug with wet hands. Doing this might cause an electrical shock.

47 DO NOT put your hands on the edge of the machine under the scanner cover.



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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. 48 Safety and Legal DO NOT touch the area shaded in the illustration. Doing this may cause injury. A 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 electrical socket. Call your Brother dealer or Brother Customer Service. If metal objects, water or other liquids get inside the machine, immediately turn off the power switch and unplug the machine from the electrical socket.

Call your Brother dealer or Brother Customer Service. 49 WARNING · This product must be installed near an electrical socket that is easily accessible.

@@@@@2 Save them for later reference. 3 Follow all warnings and instructions marked on the product. @@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. @@@@@@@@@@@@@@@@@@@9 Use only the power cord supplied with this machine. @@This plug will only fit into a grounded power outlet. This is a safety feature. @@DO NOT defeat the purpose of the grounded plug. 11 DO NOT allow anything to rest on the power cord. DO NOT place this product where people can walk on the cord.

0 metres in length. A 51 EU Directive 2002/96/EC and EN50419 A European Union Only This equipment is marked with the above recycling symbol. It means that at the end of the life of the equipment, you must dispose of it separately at an appropriate collection point, and not place it in the normal domestic unsorted waste stream. This will benefit the environment for all. (European Union only) 52 Safety and Legal limitations for copying It is an offence to make reproductions of certain items or documents with the intent to commit fraud.

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Each company whose software title is mentioned in this manual has a Software License Agreement specific to its proprietary programs. FaceFilter Studio is a trademark of Reallusion, Inc. All other brand and product names mentioned in this User's Guide and the Software User's Guide are registered trademarks of their respective companies. A 54 B Troubleshooting and Routine Maintenance B Troubleshooting 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 latest FAQs and troubleshooting tips. Visit us at http://solutions.brother.com. B If you are having difficulty with your machine Printing Difficulty No printout Suggestions Check the interface cable connection on both the machine and your computer.

Make sure the machine is pluggged in and not turned off. One or more ink cartridges are empty. (See Replacing the ink cartridges on page 63.) Check to see if the LCD is showing an error message. (See Error messages on page 58.) Check that the correct printer driver has been installed and chosen. Make sure the machine is online. Click Start and then Printers and Faxes. Rightclick and choose Brother DCP-XXXX(where XXXX is your model name), and make sure that Use Printer Offline' is unchecked. Poor print quality Check the print quality.

(See Checking the print quality on page 68.



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- ) Make sure that the Printer Driver or Paper Type setting in the menu matches the type of paper you are using. (See Printing for Windows® or Printing and Faxing for Macintosh® in the Software User's Guide on the CD-ROM.) Make sure that your ink cartridges are fresh. The following may cause ink to clog:

  The expiration date written on the cartridge package has passed.
- (Cartridges stay usable for up to two years if kept in their original packaging.) The ink cartridge was in your machine over six months. The ink cartridge may not have been stored properly before use. Try using the recommended types of paper. (See Acceptable paper and other media on page 10.
- ) The recommended environment for your machine is between 20° C to 33° C (68° F to 91° F). White horizontal lines appear in text or graphics. The machine prints blank pages. Characters and lines are stacked. Clean the print head. (See Cleaning the print head on page 67.) Try using the recommended types of paper. (See Acceptable paper and other media on page 10.) Clean the print head. (See Cleaning the print head on page 67.
- ) Check the printing alignment. (See Checking the print alignment on page 69.) B B 55 Printing (Continued) Difficulty Printed text or images are skewed. Suggestions Make sure the paper is loaded properly in the paper tray and the paper side guide is adjusted correctly. (See Loading paper and other media on page 14.) Make sure the Jam Clear cover is set properly. Smudged stain at the top center of the printed page. Printing appears dirty or ink seems to run. Stains appear on the reverse side or at the bottom of the page. Make sure the paper is not too thick or curled.
- (See Acceptable paper and other media on page 10.) Make sure you are using the recommended types of paper. (See Acceptable paper and other media on page 10.) Don't handle the paper until the ink is dry. Make sure the printer platen is not dirty with ink.
- (See Cleaning the machine printer platen on page 66.) Make sure you are using the paper support flap. (See Loading paper and other media on page 14.) The machine prints dense lines on the page. The printouts are wrinkled.
- Cannot perform 2 in 1' or 4 in 1' printing. Print speed is too slow. Check Reverse Order in the Basic tab of the printer driver. In the printer driver Basic tab, click Settings, and uncheck Bi-Directional Printing. Check that the paper size setting in the application and in the printer driver are the same. Try changing the printer driver setting. The highest resolution needs longer data processing, sending and printing time. Try the other quality settings in the printer driver Basic tab. Also, click the Settings tab, and make sure you uncheck Colour Enhancement. Set the borderless feature off.
- Borderless printing is slower than normal printing. (See Printing for Windows® or Printing and Faxing for Macintosh® in the Software User's Guide on the CD-ROM.) Colour Enhancement is not working properly. Machine feeds multiple pages If the image data is not full colour in your application (such as 256 colour), Colour Enhancement will not work. Use at least 24 bit colour data with the Colour Enhancement feature. Make sure the paper is loaded properly in the paper tray. (See Loading paper and other media on page 14.) 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. Printed pages re-feed and cause a paper jam.
- Machine does not print from Paint Brush. Machine does not print from Adobe Illustrator. The machine cannot print full pages of a document. Out of Memory message occurs. Make sure you are using the paper support flap.
- (See Loading paper and other media on page 14.) Make sure you pull out the paper support until it clicks and unfold the paper support flap. Try setting the Display setting to 256 colours'. Try to reduce the print resolution. (See Printing for Windows® or Printing and Faxing for Macintosh® in the Software User's Guide on the CD-ROM.
- ) Reduce the printing resolution. (See Printing for Windows® or Printing and Faxing for Macintosh® in the Software User's Guide on the CD-ROM.) Reduce the complexity of your document and try again. Reduce the graphic quality or the number of font sizes within your application software. 56 Troubleshooting and Routine Maintenance Copying Difficulties Difficulty Vertical streaks appear on copies Suggestions If you see vertical streaks on copies, clean the scanner. (See Cleaning the scanner on page 65.) Scanning Difficulties Difficulty TWAIN/WIA errors appear when starting to scan. Suggestions Make sure the Brother TWAIN/WIA driver is chosen as the primary source. In PaperPortTM 11SE with OCR, click File, Scan or Get Photo and click Select to choose the Brother TWAIN/WIA driver. Software Difficulties Difficulty Cannot install software or print Device Busy' Cannot print images from FaceFilter Studio.
- Suggestions Run the Repair MFL-Pro Suite program on the CD-ROM. This program will repair and reinstall the software. Make sure the machine is not showing an error message on the LCD. 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 Quick Setup Guide. 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. B PhotoCapture CenterTM Difficulties Difficulty Removable Disk does not work properly. Suggestions 1 Have you installed the Windows® 2000 update? If not, do the following: 1)

  Unplug the USB cable. 2) Install the Windows® 2000 update using one of the following methods.
- Install MFL-Pro Suite from the CD-ROM. (See the Quick Setup Guide.) 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 3 4 5 Take out the memory card and put it back in again.
- If you have tried Eject' from within Windows®, take out the memory card before you continue. If an error message appears when you try to eject the memory card, it means the card is being accessed. Wait a while and then try again. 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. 57 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 latest FAQs and troubleshooting tips. Visit us at http://solutions.brother.com.

Error Message Cover is Open Cause The scanner cover is not closed completely.



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