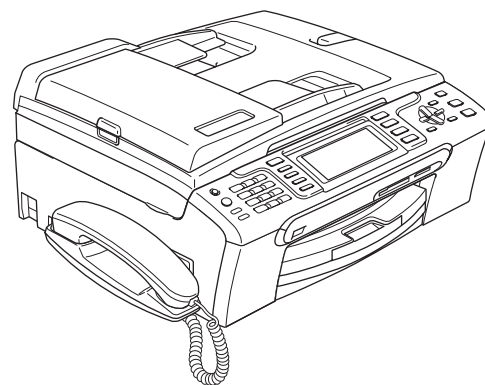


MFC-685CW



Before you can use the machine, you must set up the hardware and install the software. Please read this Quick Setup Guide for the correct setup procedure and installation instructions.

STEP 1

Setting Up the Machine








STEP 2

Installing the Driver & Software

Setup is Complete!

Keep this Quick Setup Guide, the User's Guide and the supplied CD-ROM in a convenient place for quick and easy reference at all times.

Symbols used in this guide

 Warning	 Caution	 Improper Setup
Warnings tell you what to do to prevent possible personal injury.	Cautions specify procedures you must follow or avoid to prevent possible damage to the machine or other objects.	Improper Setup icons alert you to devices and operations that are not compatible with the machine.
 Note	 User's Guide, Software User's Guide or Network User's Guide	
Notes tell you how you should respond to a situation that may arise or give tips about how the current operation works with other features.	Indicates reference to the User's Guide, Software User's Guide or Network User's Guide which is on the CD-ROM we have supplied.	

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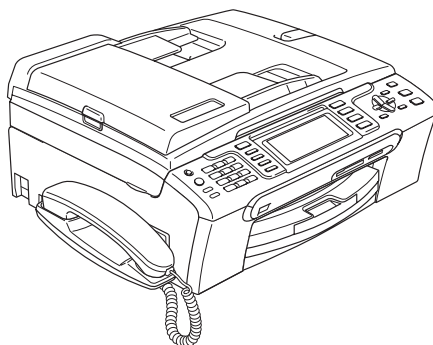
Consumables



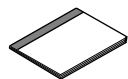

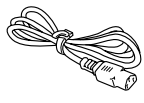



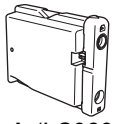
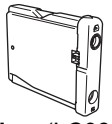
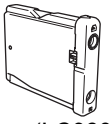
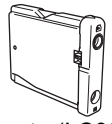
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Carton components

Carton components may vary from one country to another.

Save all packing materials and the carton in case for any reason you must ship your machine.



 Quick Setup Guide	 CD-ROM	 User's Guide	 Telephone Line Cord
 Power Cord	 USB Interface Cable	 Telephone Handset	 Side Cover
 Black (LC960BK)	 Yellow (LC960Y)	 Cyan (LC960C)	 Magenta (LC960M)

The ink cartridges are on top of the paper tray. See *Removing the protective parts* on page 5.

Ink Cartridges

A network cable is not a standard accessory. You need to purchase an appropriate network cable.

USB cable

- Please make sure you use a USB 2.0 cable that is no longer than 2 metres.
- Your machine has a USB interface that is compatible with the USB 2.0 specification.
- DO NOT connect the interface cable at this time.
Connecting the interface cable is done during the software installation process.

Network cable

- Use a straight-through Category5 (or greater) twisted-pair cable for 10BASE-T or 100BASE-TX Fast Ethernet Network.

To ensure safe operation the supplied plug must be inserted only into a standard power outlet that is properly grounded through the standard electrical wiring. Non grounded equipment may cause an electrical shock hazard, and may cause excessive electrical noise radiation.

Control panel



- | | |
|------------------|--|
| 1 Dial Pad | 7 LCD (Liquid Crystal Display) |
| 2 Telephone keys | 8 Ink Management key |
| 3 Mode keys | 9 Fax Preview key |
| 4 Menu keys | 10 Microphone |
| 5 Start keys | 11 Power Save key |
| 6 Stop/Exit key | 12 TAD (Telephone Answering Device) keys |

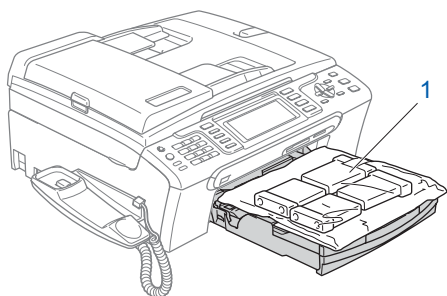


For the details of the control panel, see Control panel overview in Chapter 1 of the User's Guide.

STEP 1 Setting Up the Machine

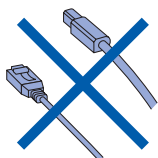
1 Removing the protective parts

- 1 Remove the protective tape and film covering the scanner glass.
- 2 Remove the foam bag (1) containing the ink cartridges from on top of the paper tray.



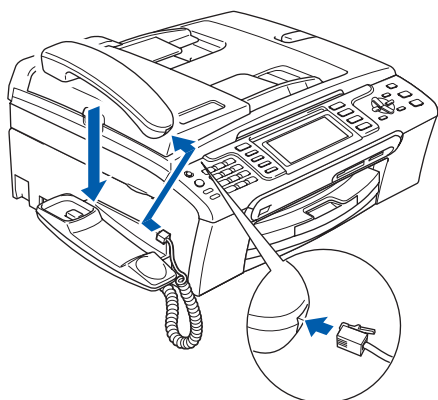
⚠ Improper Setup

DO NOT connect the interface cable.
Connecting the interface cable is done during the software installation process.




2 Connecting the handset

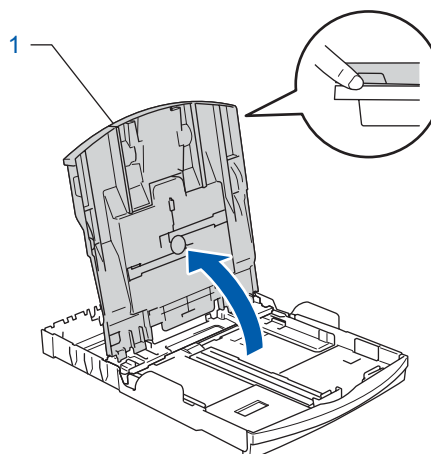
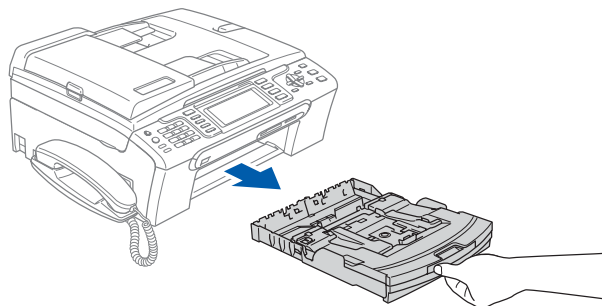
- 1 Connect the curled handset cord to the handset.



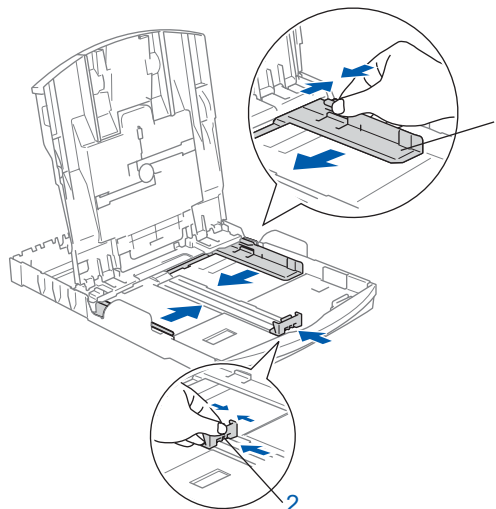
3 Loading paper

 You can load up to 100 sheets of 80 gsm paper.
For details, see *Acceptable paper and other media* in Chapter 2 of the User's Guide.

- 1 Pull the paper tray completely out of the machine and lift the output paper tray cover (1).

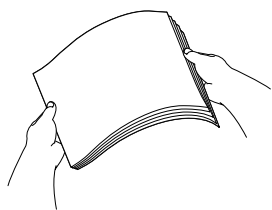


- 2 Press and slide the paper side guides (1) and paper length guide (2) to fit the paper size.

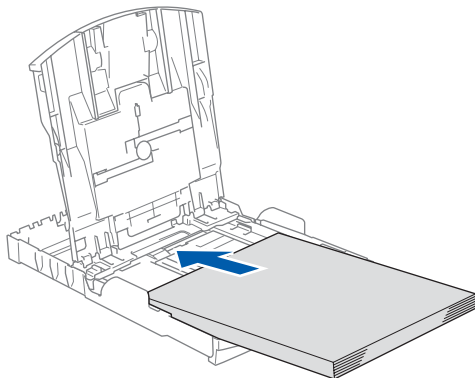


STEP 1 Setting Up the Machine

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

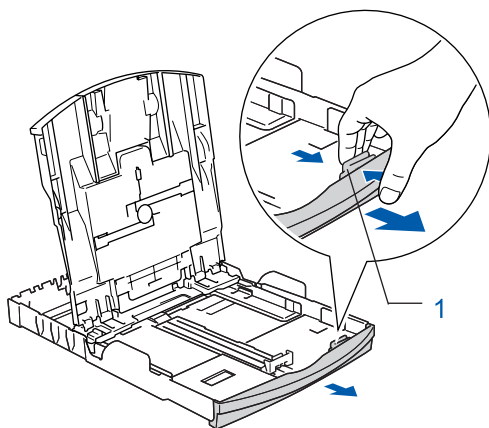


- 4** Gently put the paper into the paper tray print side down and top edge first. Check that the paper is flat in the tray.

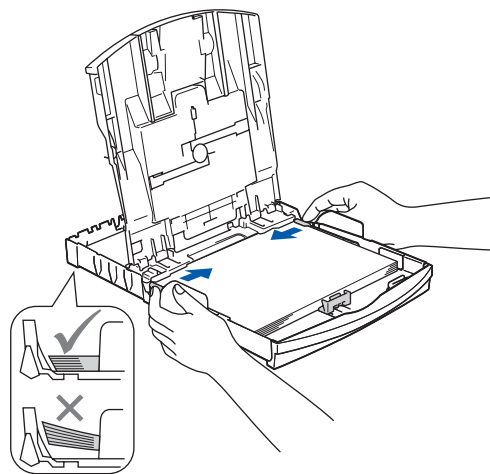


Note

When you use Legal size paper, press and hold the universal guide release button (1) as you slide out the front of the paper tray.



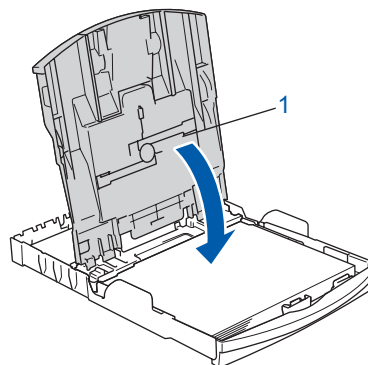
- 5** Gently adjust the paper side guides with both hands to fit the paper. Make sure that the paper guides touch the edges of the paper.



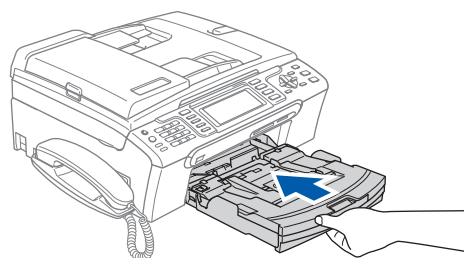
Note

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

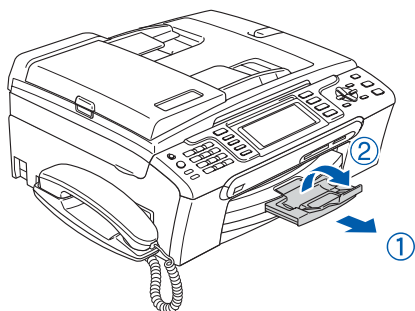
- 6** Close the output paper tray cover (1).



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



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



Note

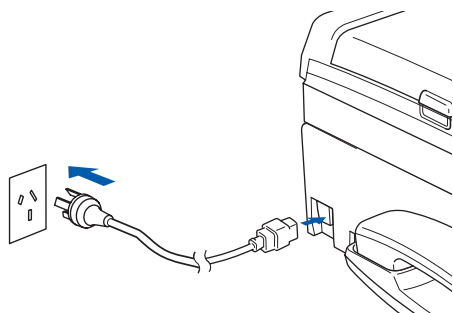
Do not use the paper support flap ② for Legal size paper.

Note

You can use the photo paper tray which is located on the top of the paper tray to print on photo 10 x 15 cm and photo L size paper. For details, see Loading photo paper in Chapter 2 of the User's Guide.

4 Connecting the power cord and telephone line

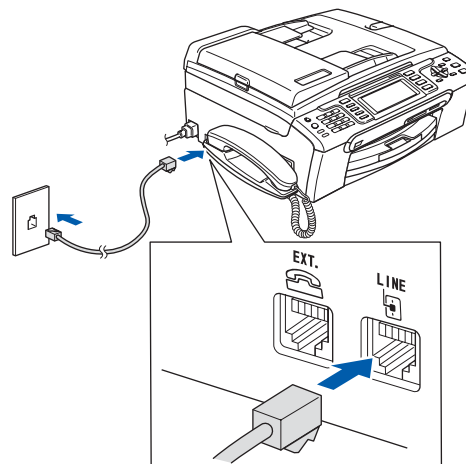
- 1** Connect the power cord.



Warning

The machine must be fitted with an earthed plug.

- 2** Connect the telephone line cord. Connect one end of the telephone line cord to the socket on the machine marked **LINE** and the other end to a modular wall socket.



Improper Setup

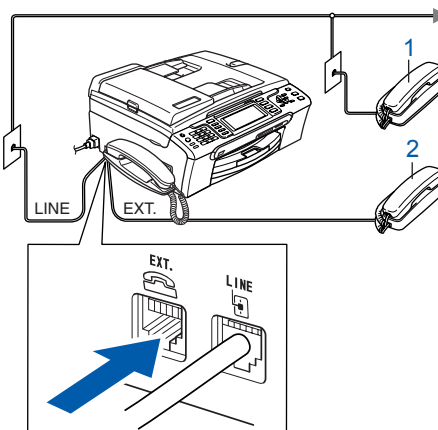
DO NOT connect the interface cable. Connecting the interface cable is done during the software installation process.

Warning

Since the machine is grounded through the power outlet, you can protect yourself from potentially hazardous electrical conditions on the telephone network by keeping the power cord connected to your machine when you connect it to a telephone line. Similarly, you can protect yourself when you want to move your machine by disconnecting the telephone line first and then the power cord.

Note

If you are sharing one telephone line with an external telephone, connect it as shown below.

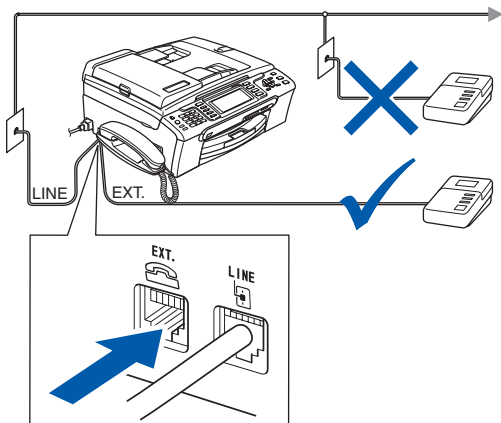


- 1 Extension telephone
2 External telephone



Note

If you are sharing one telephone line with an external telephone answering machine, connect it as shown below.



Set the receive mode to 'Manual' if you have an external answering machine. For details, see *Connecting an external TAD (telephone answering device)* in Chapter 7 of the User's Guide.

5

Installing the ink cartridges

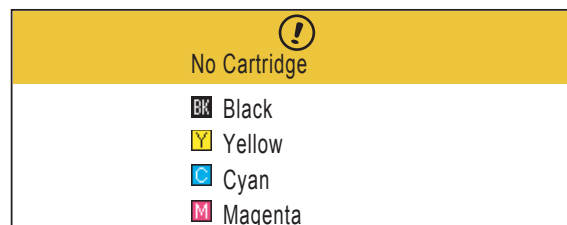


Warning

If ink gets in your eyes, wash them out with water at once, and if irritation occurs consult a doctor.

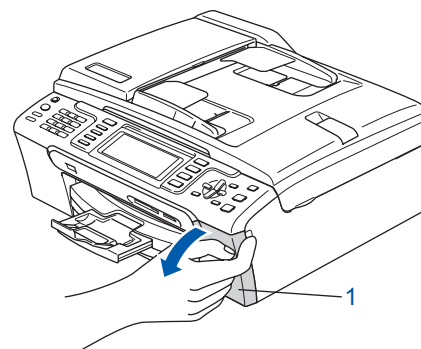
1

Make sure that the power is turned on. The LCD shows:



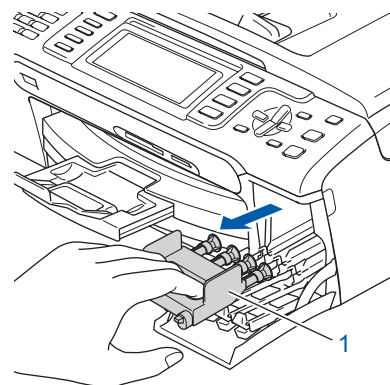
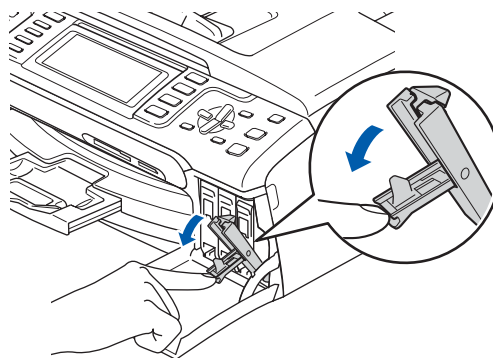
2

Open the ink cartridge cover (1).



3

Pull all the lock release levers down and remove the yellow protective part (1).

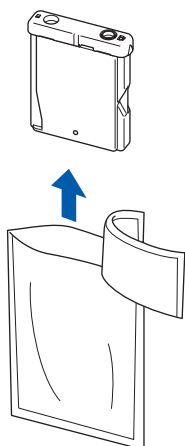




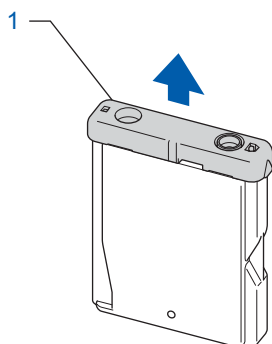
Note

Do not throw away the yellow protective part. You will need it if you transport the machine.

- 4** Take out the ink cartridge.

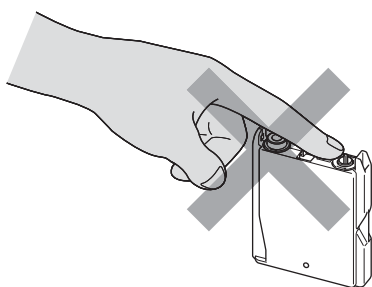


- 5** Carefully remove the protective yellow cap (1).



Improper Setup

DO NOT touch the area shown in the illustration below.



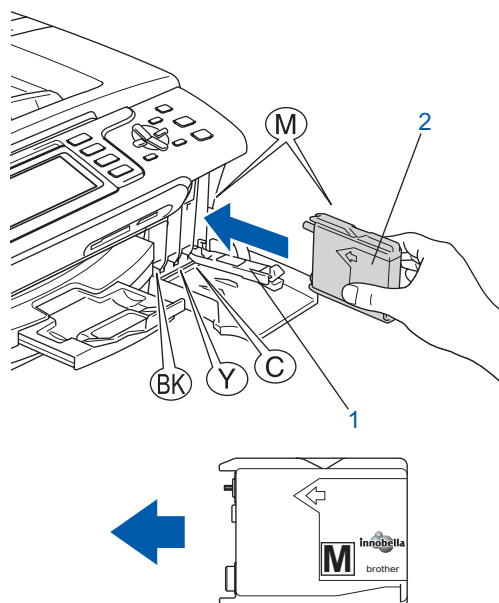
Note

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

6

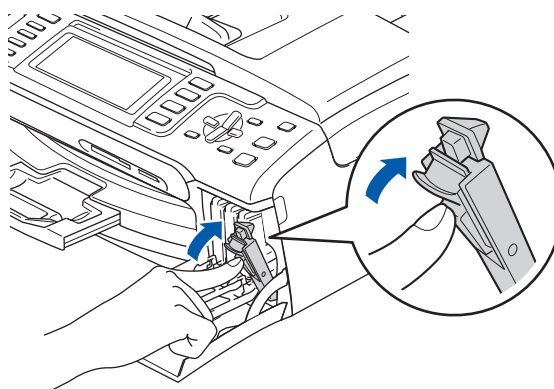
Install each ink cartridge in the direction of the arrow on the label.

Take care to match the colour of the lock release lever (1) with the cartridge colour (2), as shown in the diagram below.



7

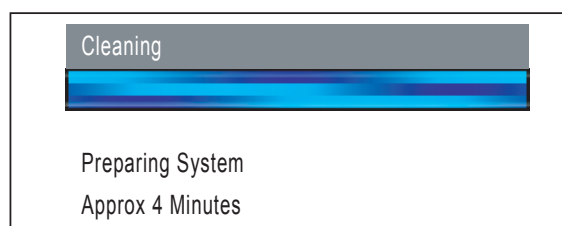
Lift each lock release lever and gently push it until it clicks, and then close the ink cartridge cover.



Note

If the LCD prompts you to re-insert the ink cartridge correctly, after you install the ink cartridges, check that the ink cartridges are installed correctly.

The machine will clean the ink tube system for use for the first time. The cleaning process will last approximately four minutes. The LCD shows:



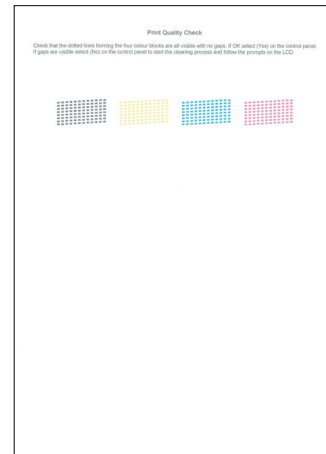
STEP 1 Setting Up the Machine

! Caution

- DO NOT take out ink cartridges if you do not need to replace them. If you do so, it may reduce the ink quantity and the machine will not know the quantity of ink left in the cartridge.
- DO NOT shake the ink cartridges. If ink stains your skin or clothing, wash with soap or detergent at once.
- DO NOT repeatedly insert and remove the cartridges. If you do so, ink may seep out of the cartridge.
- If you mix the colours by installing an ink cartridge in the wrong position, clean the print head several times after correcting the cartridge installation. (See *Cleaning the print head in Appendixes B of the User's Guide.*)
- Once you open an ink cartridge, install it in the machine and use it up within six months of installation. Use unopened ink cartridges by the expiration date written on the cartridge package.
- DO NOT dismantle or tamper with the ink cartridge, this can cause the ink to leak out of the cartridge.
- Brother multifunction machines are designed to work with ink of a particular specification and will work to a level of optimum performance when used with genuine Brother branded ink cartridges. Brother cannot guarantee this optimum performance if ink or ink cartridges of other specifications are used. Brother does not therefore recommend the use of cartridges other than genuine Brother branded cartridges with this machine or the refilling of empty cartridges with ink from other sources. If damage is caused to the print head or other parts of this machine as a result of using incompatible products with this machine, any repairs required as a result may not be covered by the warranty.

6 Print quality check

- 1 Make sure A4, Letter or Legal size paper is loaded in the paper tray.
Press **Colour Start**.
The machine starts printing the Print Quality Check Sheet (only during initial ink cartridge installation).
- 2 Check the quality of the four colour blocks on the sheet.
(black/yellow/cyan/magenta)



Note

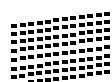
Avoid touching the printed surface of the paper immediately after printing, the surface may not be completely dry and may stain your fingers.

3 The LCD shows:

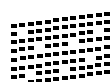
Is Quality OK?	
Yes ⇒ Press	<input type="button" value="1"/>
No ⇒ Press	<input type="button" value="2"/>

- If all lines are clear and visible, press **1 (Yes)** on the dial pad to finish the quality check.
- If you can see missing short lines, press **2 (No)** on the dial pad and go to step **4**.

OK



Poor



4 The LCD asks you if the print quality is OK for black and colour. Press **1 (Yes)** or **2 (No)** on the dial pad.

Black OK?	
Yes ⇒ Press	<input type="button" value="1"/>
No ⇒ Press	<input type="button" value="2"/>

Color OK?	
Yes ⇒ Press	<input type="button" value="1"/>
No ⇒ Press	<input type="button" value="2"/>

After pressing **1 (Yes)** or **2 (No)** for both black and colour, the LCD shows:

Start Cleaning?	
Yes ⇒ Press	<input type="button" value="1"/>
No ⇒ Press	<input type="button" value="2"/>

5 Press **1 (Yes)**, the machine will then start cleaning the colours.

6 After cleaning is finished, press **Colour Start**. The machine starts printing the Print Quality Check Sheet again and goes back to step **2**.

7 Setting the LCD contrast

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

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



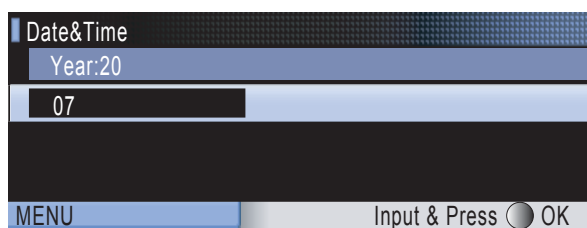
Note

You can also adjust the angle of the LCD display by lifting it.

8 Setting the date and time

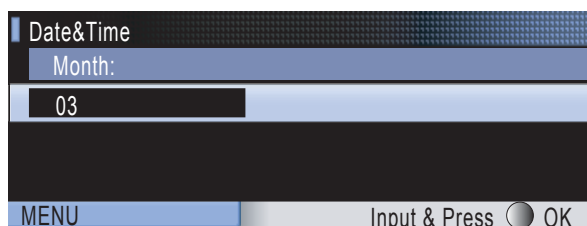
The machine displays the date and time, and if you set up the station ID, the date and time displayed on your machine will be printed on every fax you send.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Initial Setup**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Date&Time**. Press **OK**.
- 4 Enter the last two digits of the year on the dial pad, and then press **OK**.



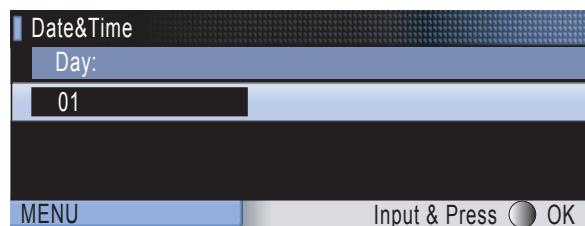
(e.g. Enter **0 7** for 2007.)

- 5 Enter the two digits for the month on the dial pad, and then press **OK**.



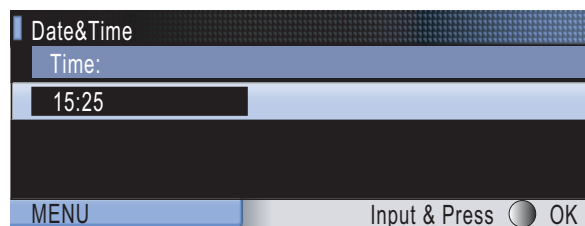
(e.g. Enter **0 3** for March.)

- 6 Enter the two digits for the day on the dial pad, and then press **OK**.



(e.g. Enter **0 1** for the first day of the month.)

- 7 Enter the time in 24-hour format on the dial pad, and then press **OK**.



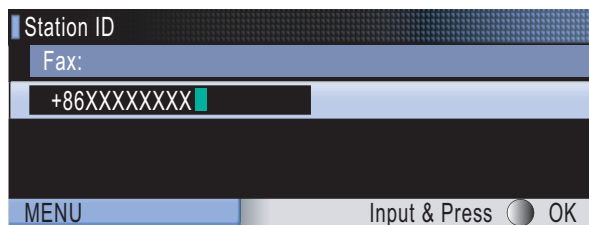
(e.g. Enter **1 5, 2 5** for 15:25.)

- 8 Press **Stop/Exit**.

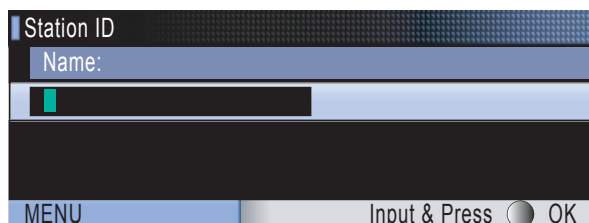
9 Setting your station ID

You should store your name and fax number to be added to all fax pages that you send.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Initial Setup**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Station ID**. Press **OK**.
- 4 Enter your fax number (up to 20 digits) on the dial pad, and then press **OK**. To enter a "+" for international codes, press *. For example, to enter the China dialling code "+86", press *, 8, 6 and then the rest of your number.



- 5 Enter your name (up to 20 characters) using the dial pad, and then press **OK**.



Note

- See the following chart for entering your name.
- If you need to enter a character that is on the same key as the last character, press **→** to move the cursor to the right.
- If you entered a letter incorrectly and want to change it, press **←** or **→** to move the cursor to the incorrect character, press **Clear/Back**.

Press key	One time	Two times	Three times	Four times
2	A	B	C	2
3	D	E	F	3
4	G	H	I	4
5	J	K	L	5
6	M	N	O	6
7	P	Q	R	S
8	T	U	V	8
9	W	X	Y	Z

- 6 Press **Stop/Exit**.

Note

If you make a mistake and want to start again, press **Stop/Exit** and go back to step 1.



For details, see *Entering Text in Appendixes C of the User's Guide*.

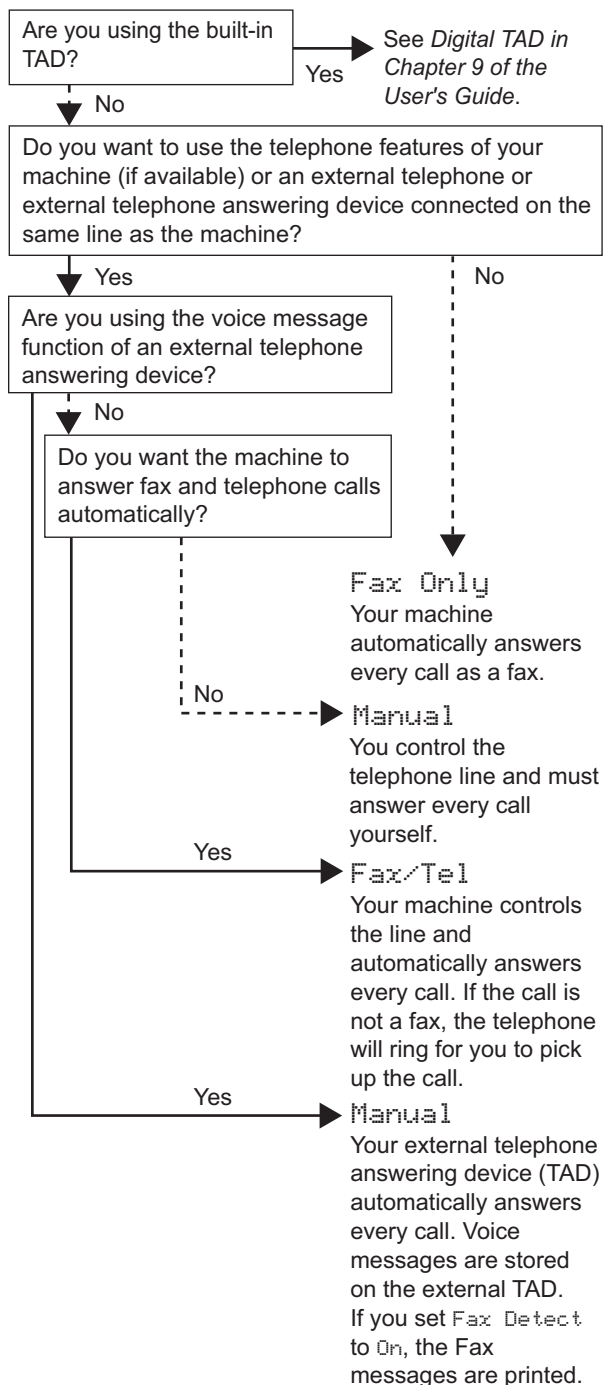
10 Setting tone or pulse dialling mode

Your machine comes set for a Tone dialling service. If you have a Pulse dialling service (rotary), you need to change the dialling mode.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose **Initial Setup**. Press **OK**.
- 3 Press **▲** or **▼** to choose **Tone/Pulse**.
- 4 Press **←** or **→** to choose **Pulse (or Tone)**. Press **OK**.
- 5 Press **Stop/Exit**.

11 Choosing a Receive Mode

There are three possible receive modes: Fax Only, Fax/Tel and Manual.



1

Press **Menu**.

2

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

3

Press **▲** or **▼** to choose **Receive Mode**.

4

Press **◀** or **▶** to choose the mode. Press **OK**.

5

Press **Stop/Exit**.




For details, see *Using receive modes* in Chapter 6 of the User's Guide.


12 Setting up the TAD

You must record an outgoing message in order to use the TAD mode.


- 1 Record the TAD Outgoing Message (TAD Message).

 See *Outgoing message (OGM)* in Chapter 9 of the User's Guide.

- 2 Activate TAD mode.

Press . The button will light when the mode is active.



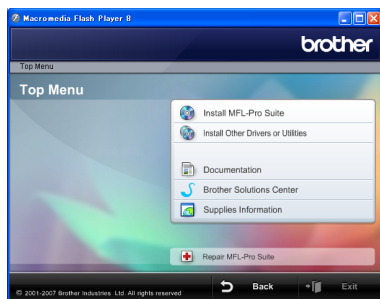
 If the TAD Mode is on, it overrides your Receive Mode setting. The built-in digital TAD answers voice calls. If the call is a fax, you can receive a fax automatically. For details, see *Digital TAD* in Chapter 9 of the User's Guide.

Now go to

Supplied CD-ROM 'MFL-Pro Suite' on the next page to install the drivers.

Supplied CD-ROM 'MFL-Pro Suite'

Windows®



Install MFL-Pro Suite

You can install the MFL-Pro Suite software and multifunction drivers.



Install Other Drivers or Utilities

You can install additional MFL-Pro Suite software utilities, install without Presto!® PageManager®, install the printer driver only or install FaceFilter Studio.



Documentation

View the Software User's Guide and Network User's Guide in HTML format. You can also view the manuals in PDF format by accessing the Brother Solutions Center. The Software User's Guide and Network User's Guide include instructions for features available when connected to a computer. (eg. Printing, scanning and networking details)



Brother Solutions Center

Access the Brother Solutions Center for FAQs, User's Guide, driver updates and tips for using your machine. (Internet access required)



Supplies Information

View our web site for original/genuine Brother supplies at <http://www.brother.com/original/>.



Repair MFL-Pro Suite (USB only)

If an error occurred during the installation of the MFL-Pro Suite, use this selection to automatically repair and re-install the MFL-Pro Suite.



Note

MFL-Pro Suite includes the Printer Driver, Scanner Driver and Brother ControlCenter3.

Macintosh®



Start Here OSX

You can install the MFL-Pro Suite that includes the printer driver, scanner driver, Brother ControlCenter2 and BRAdmin Light for Mac OS® X 10.2.4 or greater.



Documentation

View the Software User's Guide and Network User's Guide in HTML format. You can also view the manuals in PDF format by accessing the Brother Solutions Center. The Software User's Guide and Network User's Guide include instructions for features available when connected to a computer. (eg. Printing, scanning and networking details)



Brother Solutions Center

Access the Brother Solutions Center for FAQs, User's Guide, driver updates and tips for using your machine. (Internet access required)



Utilities

You can find the following additional Utilities from this folder.

- Wireless Device Setup Wizard
- BRAdmin Light

STEP 2 Installing the Driver & Software

Follow the instructions on this page for your operating system and interface.

For the latest drivers, documentation, and to find the best solution for your problem, access the Brother Solution Center directly from the CD-ROM / Driver or visit <http://solutions.brother.com>.

Windows®



For USB Interface Users

(For Windows® 2000 Professional/XP/
XP Professional x64 Edition/Windows Vista™) 18



For Wired Network Interface Users

(For Windows® 2000 Professional/XP/
XP Professional x64 Edition/Windows Vista™) 22



For Wireless Network Interface Users (For Windows® 2000 Professional/XP/XP
Professional x64 Edition/Windows Vista™) in infrastructure mode..... 26

For other setup methods supported, see the Network User's Guide on the CD-ROM for installation details.

Macintosh®



For USB Interface Users

(For Mac OS® X 10.2.4 or greater) 35



For Wired Network Interface Users

(For Mac OS® X 10.2.4 or greater) 37



For Wireless Network Interface Users

(For Mac OS® X 10.2.4 or greater) in infrastructure mode..... 40

For other setup methods supported, see the Network User's Guide on the CD-ROM for installation details.

The screens for Windows® in this Quick Setup Guide are based on Windows® XP.

The screens for Mac OS® X in this Quick Setup Guide are based on Mac OS® X 10.4.

Screens on your computer may vary depending on your operating system.

For USB Interface Users (For Windows® 2000 Professional/XP/ XP Professional x64 Edition/Windows Vista™)

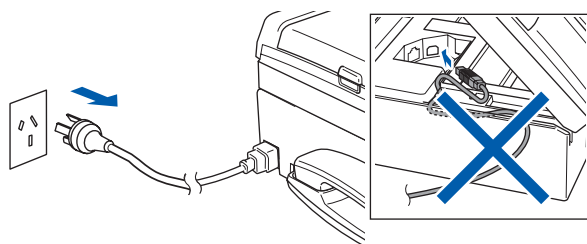
Important

Make sure that you have finished the instructions from STEP 1 *Setting Up the Machine* pages 5 through 15.

Note

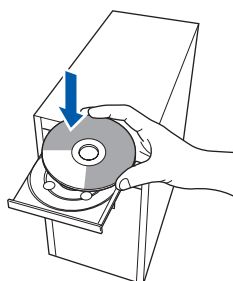
- Please close any applications running before installing MFL-Pro Suite.
- Make sure there are no memory cards or a USB Flash memory drive inserted into the media drives or USB direct interface at the front of the machine.

- 1 Disconnect the machine from the power socket and from your computer, if you already connected an interface cable.



- 2 Turn on your computer. You must be logged on with Administrator rights.

- 3 Put the supplied CD-ROM into your CD-ROM drive. If the model name screen appears, choose your machine. If the language screen appears, choose your language.



- 4 The CD-ROM main menu will appear. Click **Install MFL-Pro Suite**.



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

Note

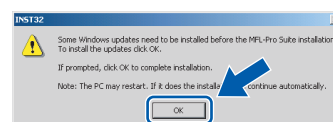
- If you are using Windows® 2000 Professional and have not installed service pack 3 (SP3) or greater:

To access the PhotoCapture Center™ features from your computer you may have to install a Windows® 2000 update first.

The Windows® 2000 update is included with the MFL-Pro Suite installer.

To install the update, follow the steps below:

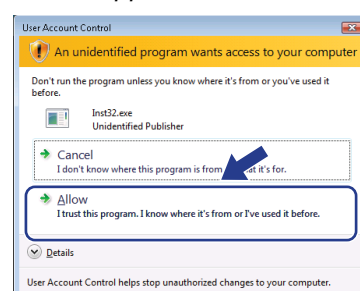
- 1 Click **OK** to start installation of the Windows® updates.



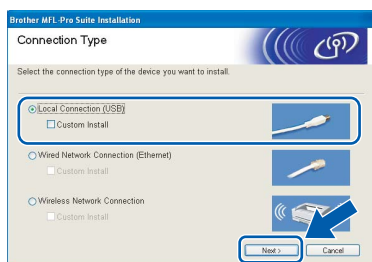
- 2 When instructed, click **OK** to restart your computer.
- 3 After the computer restarts, the installation of MFL-Pro Suite will automatically continue.

- If the installation does not continue automatically, open the main menu again by ejecting and then reinserting the CD-ROM disc or double-click the **start.exe** program from the root folder, and continue from step 4 to install MFL-Pro Suite.

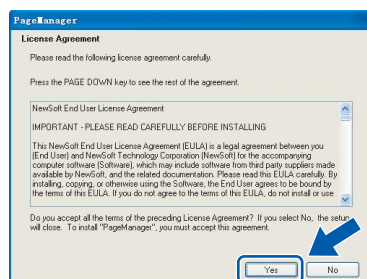
- For Windows Vista™, when the User Account Control screen appears, click **Allow**.



- 5** Choose **Local Connection**, and then click **Next**. The installation continues.

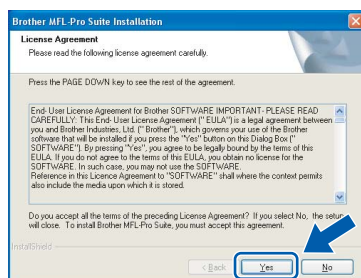


- 6** After reading and accepting the Presto!® PageManager® License Agreement, click **Yes**.



- 7** The installation of Presto!® PageManager® will automatically start and is followed by the installation of MFL-Pro Suite.

- 8** When the Brother MFL-Pro Suite Software License Agreement window appears, click **Yes** if you agree to the Software License Agreement.



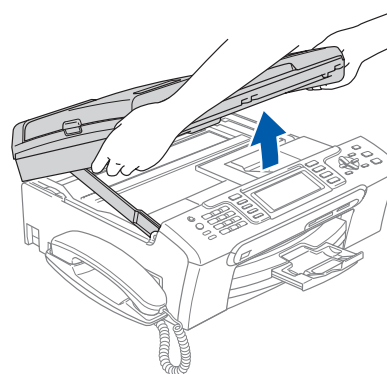
Note For Windows Vista™, when this screen appears, click the check box and click **Install** to complete the installation properly.




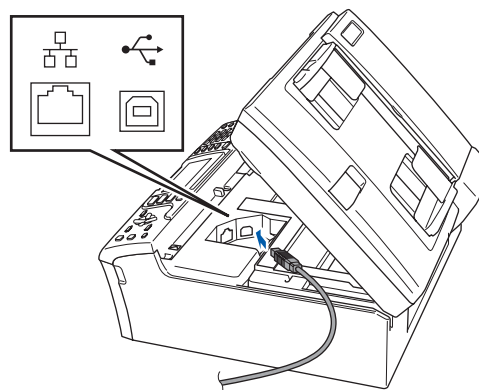
- 9** When this screen appears, go to the next step.



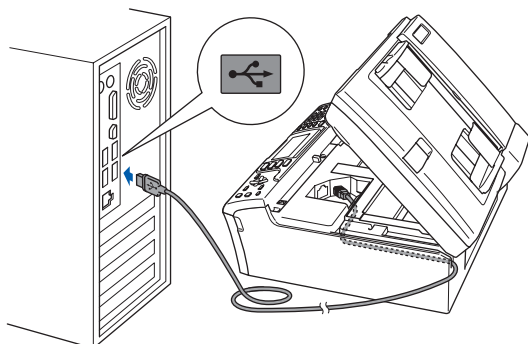
- 10** Using both hands, use the plastic tabs on both sides of the machine to lift the scanner cover until it locks securely into the open position.



- 11** Connect the USB cable to the USB socket marked with a  symbol. You will find the USB socket inside the machine on the right as shown below.



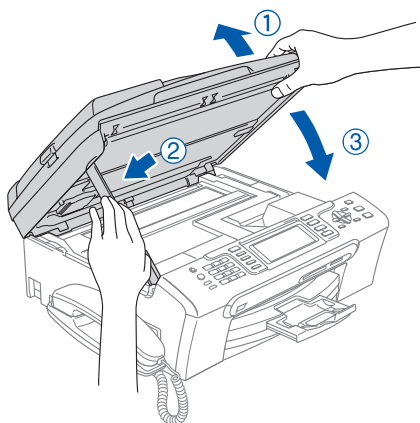
- 12** Carefully guide the USB cable into the trench as shown below, following the trench around and toward the back of the machine. Then, connect the cable to your computer.



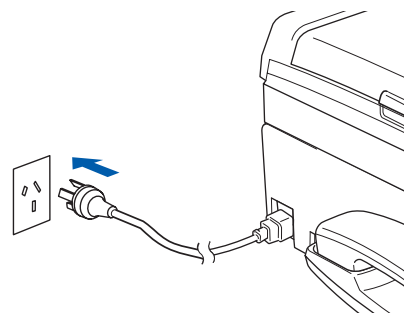
⚠ Improper Setup

- **DO NOT** connect the machine to a USB port on a keyboard or a non-powered USB hub. Brother recommends that you connect the machine directly to your computer.
- Make sure that the cable does not restrict the cover from closing, or an error may occur.
- Make sure you use a USB 2.0 cable that is no longer than 2 metres.

- 13** Lift the scanner cover to release the lock ①. Gently push the scanner cover support down ② and close the scanner cover ③.



- 14** Turn on the machine by connecting the power cord.

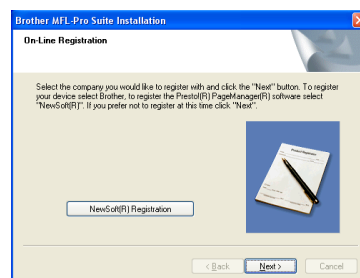


The installation of the Brother drivers will automatically start. The installation screens appear one after another. **Please wait, it will take a few seconds for all the screens to appear.**

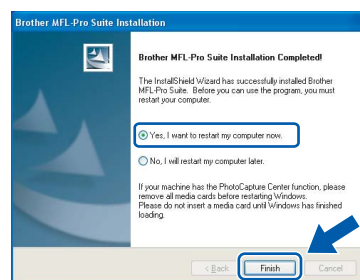
⚠ Improper Setup

DO NOT try to cancel any of the screens during this installation.

- 15** When the On-Line Registration screen is displayed, make your selection and follow the on-screen instructions.



- 16** Click **Finish** to restart your computer. After restarting the computer, you must be logged on with Administrator rights.



Note

After restarting the computer, the Installation Diagnostics will run automatically. If the installation is unsuccessful, the installation results window will be shown. If the Diagnostics shows a failure, please follow the on-screen instructions or read the on-line help and FAQs in **Start/All Programs/Brother/MFC-XXXX**.



The MFL-Pro Suite has been installed completely. Proceed to **Installing FaceFilter Studio** on page 21 to install the FaceFilter Studio application.



Note

MFL-Pro Suite includes the Printer Driver, Scanner Driver and Brother ControlCenter3.

Installing FaceFilter Studio

FaceFilter Studio is an easy-to-use borderless photo printing application. FaceFilter Studio also lets you edit your photo data and add photo effects such as red eye reduction or skin tone enhancement.

Important

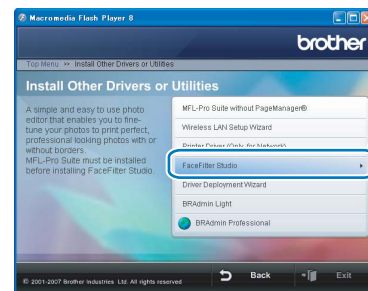
Before you launch FaceFilter Studio for the first time, you must confirm MFL-Pro Suite is installed, your Brother machine is turned ON and connected to your computer.

- 17** Open the main menu again by ejecting and then reinserting the CD-ROM disc or by double-clicking the **start.exe** program from the root folder.

- 18** The CD-ROM main menu will appear. Click **Install Other Drivers or Utilities**.



- 19** Click the **FaceFilter Studio** button to install.



- 20** For information on basic FaceFilter Studio functions, see *Using FaceFilter Studio for photo printing by REALLUSION in the Software User's Guide* on the CD-ROM. For more detailed information, see FaceFilter Studio Help.

For Wired Network Interface Users (For Windows® 2000 Professional/XP/XP Professional x64 Edition/Windows Vista™)

Important

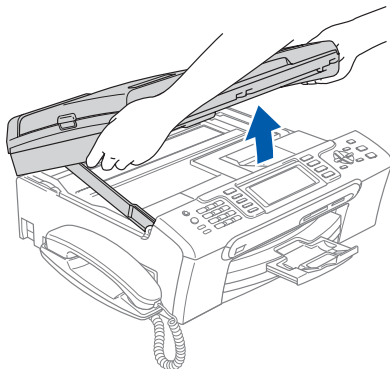
Make sure that you have finished the instructions from STEP 1 *Setting Up the Machine* on pages 5 through 15.


Note

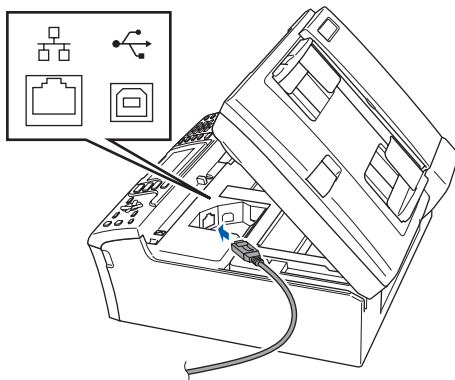
- Please close any applications running before installing MFL-Pro Suite.
- Make sure there are no memory cards or a USB Flash memory drive inserted into the media drives or USB direct interface at the front of the machine.

- 1 Disconnect the machine from the power socket.

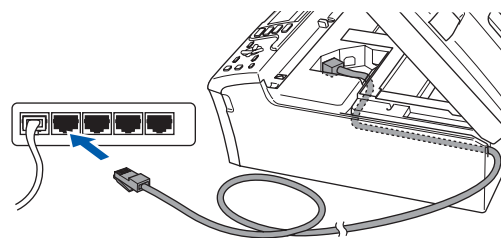
- 2 Using both hands, use the plastic tabs on both sides of the machine to lift the scanner cover until it locks securely into the open position.



- 3 Connect the network cable to the LAN socket marked with a  symbol. You will find the LAN socket inside the machine on the left as shown below.



- 4 Carefully guide the network cable into the trench as shown below, following the trench around and toward the back of the machine. Then, connect the cable to your network.



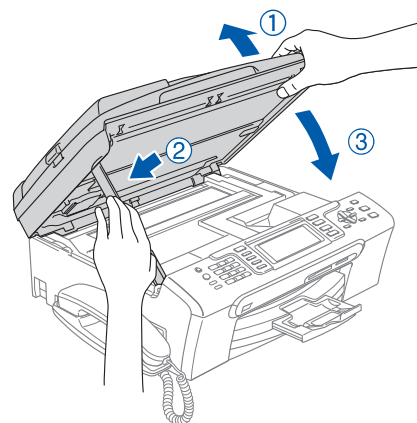
Improper Setup

Make sure that the cable does not restrict the cover from closing, or an error may occur.

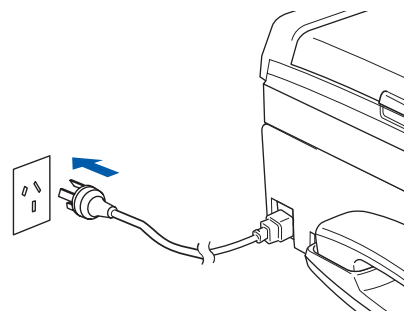
Note

If both USB and LAN cables are being used, guide both cables through the trench with one on top of the other.

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



- 6 Turn on the machine by connecting the power cord.



Improper Setup

If you have previously set up your machine for a wireless network and then want to set it up on a wired network, you should check that the machine's **Network I/F is Wired LAN**. The wireless network interface will become inactive with this setting.

On your machine, press **Menu**.

Press **▲** or **▼** to choose **LAN** and press **OK**.

Press **▲** or **▼** to choose **Network I/F** and press **OK**.

Press **▲** or **▼** to choose **Wired LAN** and press **OK**.

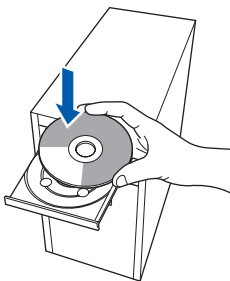
Press **Stop/Exit**.

- 7** Turn on your computer.
You must be logged on with Administrator rights.
Close any applications running before installing MFL-Pro Suite.

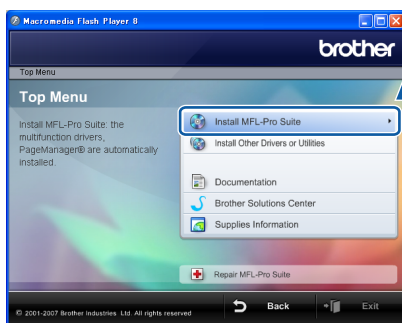
Note

Before installation, if you are using *Personal Firewall* software, disable it. After the installation, restart your *Personal Firewall* software.

- 8** Put the supplied CD-ROM into your CD-ROM drive. If the model name screen appears, choose your machine. If the language screen appears, choose your language.



- 9** The CD-ROM main menu will appear. Click **Install MFL-Pro Suite**.



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

Note

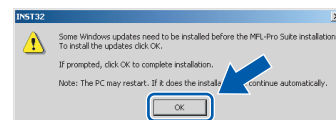
- If you are using Windows® 2000 Professional and have not installed service pack 3 (SP3) or greater:

To access the PhotoCapture Center™ features from your computer you may have to install a Windows® 2000 update first.

The Windows® 2000 update is included with the MFL-Pro Suite installer.

To install the update, follow the steps below:

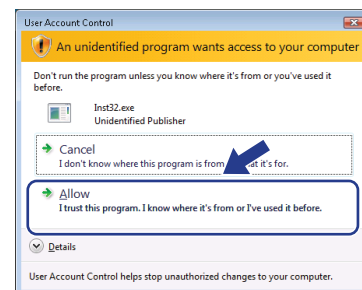
- 1 Click **OK** to start installation of the Windows® updates.



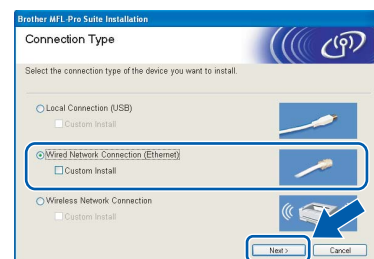
- 2 When instructed, click **OK** to restart your computer.
- 3 After the computer restarts, the installation of MFL-Pro Suite will automatically continue.

- If the installation does not continue automatically, open the main menu again by ejecting and then reinserting the CD-ROM disc or double-click the **start.exe** program from the root folder, and continue from step **9** to install MFL-Pro Suite.

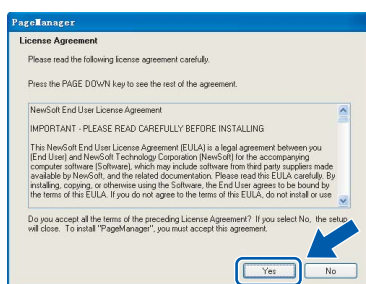
- For Windows Vista™, when the User Account Control screen appears, click **Allow**.



- 10** Choose **Wired Network Connection**, and then click **Next**.

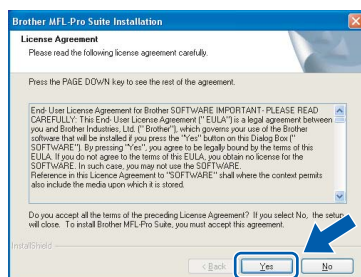


- 11** After reading and accepting the Presto!® PageManager® License Agreement, click **Yes**.

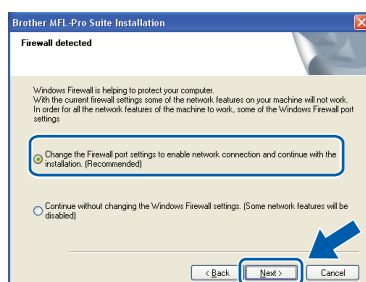


- 12** The installation of Presto!® PageManager® will automatically start and is followed by the installation of MFL-Pro Suite.

- 13** When the Brother MFL-Pro Suite Software License Agreement window appears, click **Yes** if you agree to the Software License Agreement.



- 14** For Windows® XP SP2/Windows Vista™ users, when this screen appears, choose **Change the Firewall port settings to enable network connection and continue with the installation. (Recommended)** and click **Next**.



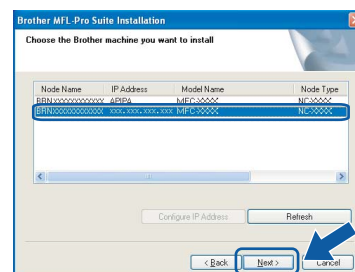
If you are not using the Windows® Firewall, see the User's Guide for your software for information on how to add the following network ports.

- For network scanning, add UDP port 54925.
- For network PC-Fax receiving, add UDP port 54926.
- If you still have trouble with your network connection, add UDP port 137.

Note

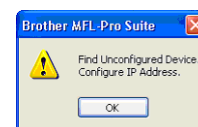
- If the machine is configured for your network, choose the machine from the list, and then click **Next**.

This window will not appear if there is only one machine connected on the network, it will be chosen automatically.



*If your machine shows **APIPA** in the **IP Address** field, click **Configure IP Address** and enter an IP address for your machine that is suitable for your network.*

- If the machine is not yet configured for use on your network, the following screen appears.



Click **OK**.

The **Configure IP Address** window will appear. Enter an IP address for your machine that is suitable for your network by following the on-screen instructions.

- 15** The installation of the Brother drivers will automatically start. The installation screens appear one after another. **Please wait, it will take a few seconds for all the screens to appear.**

Improper Setup

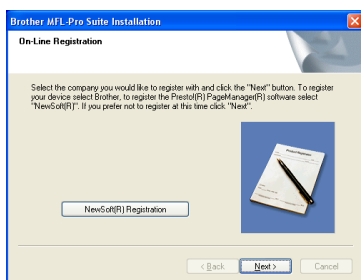
DO NOT try to cancel any of the screens during this installation.

Note

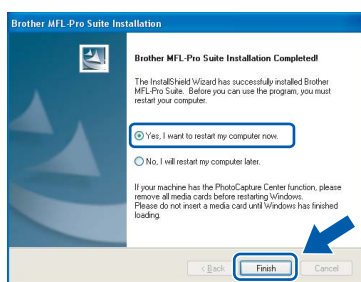
*For Windows Vista™, when this screen appears, click the check box and click **Install** to complete the installation properly.*



- 16** When the On-Line Registration screen is displayed, make your selection and follow the on-screen instructions.



- 17** Click **Finish** to restart your computer. After restarting the computer, you must be logged on with Administrator rights.



Note

After restarting the computer, the *Installation Diagnostics* will run automatically. If the installation is unsuccessful, the installation results window will be shown. If the Diagnostics shows a failure, please follow the on-screen instructions or read the on-line help and FAQs in **Start/All Programs/Brother/MFC-XXXX**.



The MFL-Pro Suite has been installed completely. Proceed to **Installing FaceFilter Studio** on page 25 to install the FaceFilter Studio application.



Note

MFL-Pro Suite includes the Network Printer Driver, Network Scanner Driver and Brother ControlCenter3.

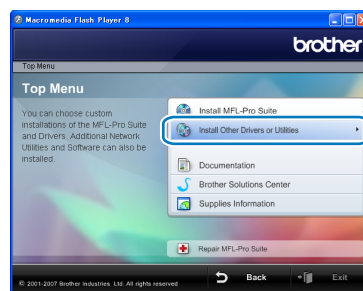
Installing FaceFilter Studio

FaceFilter Studio is an easy-to-use borderless photo printing application. FaceFilter Studio also lets you edit your photo data and add photo effects such as red eye reduction or skin tone enhancement.

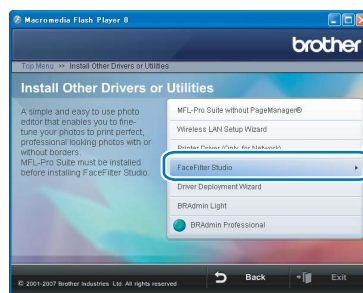
Important

Before you launch FaceFilter Studio for the first time, you must confirm MFL-Pro Suite is installed, your Brother machine is turned ON and connected to your network.

- 18** Open the main menu again by ejecting and then reinserting the CD-ROM disc or by double-clicking the **start.exe** program from the root folder.
- 19** The CD-ROM main menu will appear. Click **Install Other Drivers or Utilities**.



- 20** Click the **FaceFilter Studio** button to install.



- 21** For information on basic FaceFilter Studio functions, see *Using FaceFilter Studio for photo printing by REALLUSION in the Software User's Guide* on the CD-ROM. For more detailed information, see FaceFilter Studio Help.

For Wireless Network Interface Users (For Windows® 2000 Professional/XP/XP Professional x64 Edition/ Windows Vista™) in infrastructure mode

Connecting your wireless machine and wireless network together and installing the printer driver in infrastructure mode

First you must configure the wireless network settings of your machine to communicate with your network access point (router). After the machine is configured to communicate with your access point (router) computers on your network will have access to the machine. To use the machine from these computers, you will need to install the MFL-Pro Suite. The following steps will guide you through the configuration and installation process.

To achieve optimum results with normal every day document printing, place the Brother machine as close to the network access point (router) as possible with minimal obstructions. Large objects and walls between the two devices as well as interference from other electronic devices can affect the data transfer speed of your documents.

Important

The following instructions will offer two methods for installing your Brother machine in a wireless network environment. Both methods are for infrastructure mode, using a wireless router or access point that uses DHCP to assign IP addresses. If your wireless router/access point supports SecureEasySetup™ or AOSS™ follow the steps on page 28 *Using the SecureEasySetup™ or AOSS™ software to configure your machine for a wireless network*. If your wireless router/access point does not support SecureEasySetup™ or AOSS™ follow the steps on page 30 *Using the Setup Wizard from the control panel LAN menu for wireless network configuration*. To set up your machine in any other wireless environment you can find instructions in the Network User's Guide on the CD-ROM.

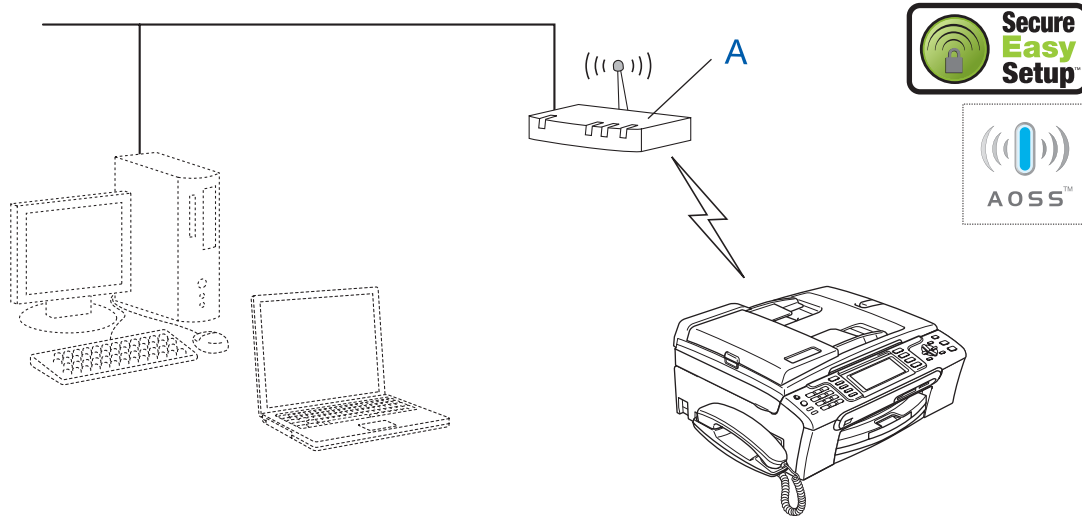
You can view the Network User's Guide by following the instructions below.

- 1 Turn on your computer. Insert the Brother CD-ROM into your CD-ROM drive.
- 2 If the model name screen appears, click your model name.
- 3 If the language screen appears, click your language. The CD-ROM main menu will appear.
- 4 Click **Documentation**.
- 5 Click **HTML documents**.
- 6 Click **NETWORK USER'S GUIDE**.

Confirm your network environment

The setup process will be different depending on your network environment.

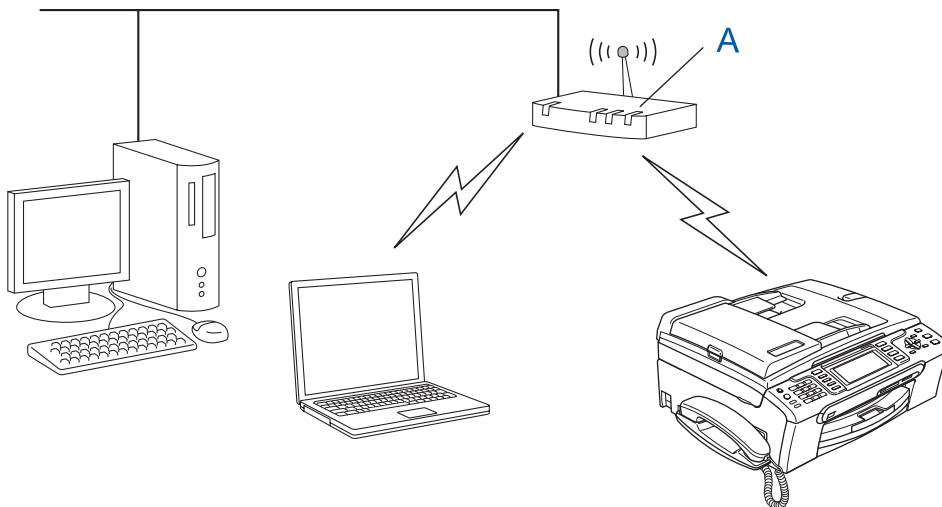
■ Installation using SecureEasySetup™ or AOSS™



If your wireless access point (A) supports SecureEasySetup™ or AOSS™, you do not need to use a computer to configure the machine. The access point (router) and your machine can automatically negotiate using the SecureEasySetup™ or AOSS™ procedure.

For instructions, go to page 28.

■ Infrastructure Mode



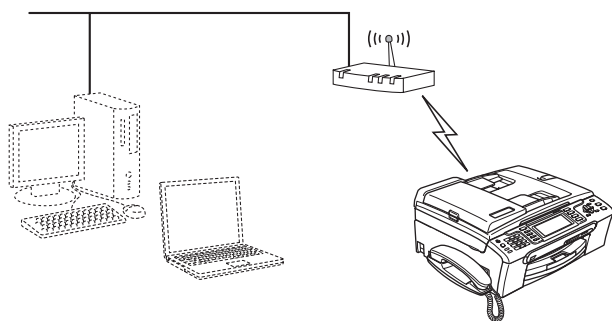
If your wireless access point (A) does not support SecureEasySetup™ or AOSS™, follow the instructions, on page 30.

Using the SecureEasySetup™ or AOSS™ software to configure your machine for a wireless network

Important

Make sure that you have finished the instructions from STEP 1 *Setting Up the Machine* on pages 5 through 15.

The SecureEasySetup™ or AOSS™ software allows you to configure the wireless network easier than configuring it manually. By pushing a button on the wireless router or access point, you can setup the wireless network and security settings. Your router or access point must also support SecureEasySetup™ or AOSS™. See the user's guide for your wireless LAN router or access point for instructions to configure your machine for a wireless network. If your wireless router or access point does not support SecureEasySetup™ or AOSS™ go to page 30 for installation instructions.



Note

Routers or access points that support SecureEasySetup™ have the SecureEasySetup™ symbol as shown below.



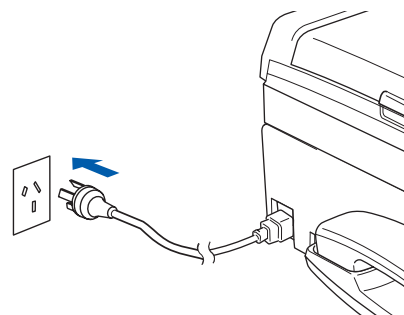
Note

Routers or access points that support AOSS™ have the AOSS™ symbol as shown below.



1

Turn on the machine by connecting the power cord.



2

Place the Brother machine close to the SecureEasySetup™ or AOSS™ router or access point.



Improper Setup

If you have previously configured the wireless settings of the machine you must reset the network (LAN) settings before you can configure the wireless settings again. On your machine, press **Menu**. Press **▲** or **▼** to choose **LAN** and then press **OK**. Press **▲** or **▼** to choose **Factory Reset**, and then press **OK**. Press **1** twice for **Yes** to accept the change.

3

Push the SecureEasySetup™ or AOSS™ button on your wireless router or access point. See the user's guide for your wireless router or access point for instructions.

4

On your machine, press **Menu**. Press **▲** or **▼** to choose **LAN** and press **OK**. Press **▲** or **▼** to choose **WLAN** and press **OK**. Press **▲** or **▼** to choose **SecureEasySetup** or **AOSS** and press **OK**. When **Network I/F** switched to **Wireless** is displayed, press **OK** to accept or press **Clear/Back** to cancel.

- 5** The wireless network connection status using the SecureEasySetup™ or AOSS™ software will be displayed: Connecting WLAN, Setting AOSS or Connecting AOSS. Wait till either Connected or Connection Error (Connection Fail) is displayed.

Connected is displayed when the print server is successfully connected to your router or access point. You can now use your machine in a wireless network.

Connection Error (Connection Fail) is displayed when the print server has not successfully connected to your router or access point. Try starting from step **2** again. If the same message is displayed again, reset the print server back to the default factory settings and try again. (See *Restoring the network settings to factory default* on page 50.)



Note

*If you encounter a problem during setup, temporarily place your machine closer to the wireless access point, and go back to step **3**.*



Wireless setup is now complete. To install MFL-Pro Suite, continue to step **12 on page 32.**

Using the Setup Wizard from the control panel LAN menu for wireless network configuration

Important

Make sure that you have finished the instructions from **STEP 1 Setting Up the Machine** on pages 5 through 15.



- 1 Write down the wireless network settings of your access point or wireless router.
SSID (Service Set ID or Network name)

WEP Key (if needed)

WPA/WPA2-PSK (TKIP or AES) (if needed)

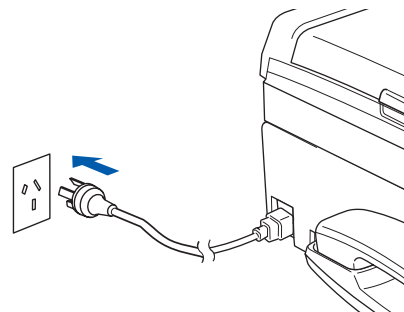
The WEP key is for 64-bit encrypted networks or 128-bit encrypted networks and can contain both numbers and letters. If you do not know this information you should see the documentation provided with your access point or wireless router. This key is a 64-bit or 128-bit value that must be entered in an ASCII or HEXADECIMAL format.

For example:

64-bit ASCII:	Uses 5 text characters. e.g. "Hello" (this is case sensitive)
64-bit Hexadecimal:	Uses 10 digits of hexadecimal data. e.g. "71f2234aba"
128-bit ASCII:	Uses 13 text characters. e.g. "Wirelesscomms" (this is case sensitive)
128-bit Hexadecimal:	Uses 26 digits of hexadecimal data. e.g. "71f2234ab56cd709e5412aa3ba"

WPA/WPA2-PSK is a Wi-Fi® Protected Access Pre-shared key, which lets the Brother wireless machine associate with access points using TKIP or AES encryption (WPA-Personal). WPA/WPA2-PSK (TKIP or AES) uses a Pre-Shared Key (PSK) that is 8 or more characters in length, up to a maximum of 63 characters.
See the *Network User's Guide* for more details.

- 2 Turn on the machine by connecting the power cord.



⊘ Improper Setup

If you have previously configured the wireless settings of the machine you must reset the network (LAN) settings before you can configure the wireless settings again.

On your machine, press **Menu**.

Press **▲** or **▼** for **LAN** and press **OK**. Press **▲** or **▼** to choose **Factory Reset**, and then press **OK**.

Press **1** twice for **Yes** to accept the change.

- 3 On your machine, press **Menu**.
Press **▲** or **▼** to choose **LAN** and press **OK**.
Press **▲** or **▼** to choose **WLAN** and press **OK**.
Press **▲** or **▼** to choose **Setup Wizard** and press **OK**.
When **Network I/F switched to Wireless** is displayed, press **OK** to accept. This will start the wireless setup wizard. Press **Clear/Back** to cancel.
- 4 The machine will search for available SSIDs. If a list of SSIDs is displayed, use the **▲** or **▼** keys to choose the SSID you wrote down in step 1, then press **OK**. Go to step 8.





Note

It will take several seconds to display a list of available SSIDs.

If your access point is set to not broadcast the SSID you will have to manually add the SSID name. Go to step 5.

- 5 Press **▲** or **▼** to choose **<New SSID>** and press **OK**. Go to step 6.

- 6** Enter the SSID you wrote down in step **1** using the dial pad to choose each letter or number. You can use the  and  keys to move the cursor left and right. For example, to enter the letter a, press the **2** key on the dial pad once. To enter the number 3, press the **3** key on the dial pad seven times.

The letters appear in this order: lower case, upper case and then numbers.
(For more information, see *Entering Text for Wireless Settings* on page 51.)
Press **OK** when you have entered all the characters.

- 7** Press **▲** or **▼** to choose *Infrastructure*, then press **OK**.



- 8** Use the **▲**, **▼** and **OK** keys to choose one of the options below: If your network is configured for Authentication and Encryption you must match the settings used for your network.

No Authentication or Encryption: Choose *Open System*, press **OK** then choose *None* for *Encryption Type?* and press **OK**. Then press **1** for *Yes* to apply your settings. Go to step **11**.

No Authentication with WEP Encryption: Choose *Open System*, press **OK** then use the **▲** or **▼** to choose *WEP* for the *Encryption Type?* and press **OK**. Go to step **9**.

Authentication with WEP Encryption: Choose *Shared Key*, press **OK**. Go to step **9**.



Authentication with WPA/WPA2-PSK (TKIP or AES) Encryption: Choose *WPA/WPA2-PSK*, press **OK**. Go to step **10**.

- 9** Choose the appropriate key number and press **OK**. Enter the WEP key you wrote down in step **1** using the dial pad to choose each letter or number. You can use the  and  keys to move the cursor left and right. For example, to enter the letter a, press the **2** key on the dial pad once. To enter the number 3, press the **3** key on the dial pad seven times.

The letters appear in this order: lower case, upper case and then numbers.
(For more information, see *Entering Text for Wireless Settings* on page 51.)

Press **OK** when you have entered all the characters, then press **1** for *Yes* to apply your settings. Go to step **11**.

Most access points and routers can store more than one key, but they will only use one at any time for authentication and encryption.

- 10** Press **▲** or **▼** to choose *TKIP* or *AES* for *Encryption Type?* and press **OK**. Enter the WPA/WPA2-PSK password you wrote down in step **1** using the dial pad to choose each letter or number. You can use the  and  keys to move the cursor left and right. For example, to enter the letter a, press the **2** key on the dial pad once. To enter the number 3, press the **3** key on the dial pad seven times.

The letters appear in this order: lower case, upper case and then numbers.
(For more information, see *Entering Text for Wireless Settings* on page 51.)

Press **OK** when you have entered all the characters, then press **1** for *Yes* to apply your settings. Go to step **11**.

- 11** Your machine will now try to connect to your wireless network using the information you have entered. If successful, *Connected* will appear briefly on the LCD.

*If your machine does not successfully connect to your network, you should repeat steps **3** to **10** to make sure you have entered the correct information.*

*If your access point does not have DHCP enabled you will need to manually configure the IP address, subnet mask and gateway of the machine to suit your network. See the *Network User's Guide* for details.*



Wireless setup is now complete. A four level indicator at the top of your machine's LCD will show the wireless signal strength of your access point or router. To install MFL-Pro Suite, continue to step **12.**



Note

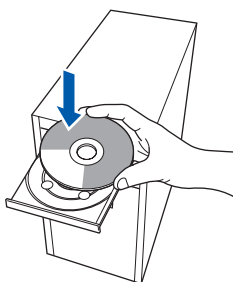
- Please close any applications running before installing MFL-Pro Suite.
- Make sure there are no memory cards or a USB Flash memory drive inserted into the media drives or USB direct interface at the front of the machine.

- 12** Turn on your computer.
You must be logged on with Administrator rights.
Close any applications running before installing MFL-Pro Suite.

**Note**

Before installation, if you are using Personal Firewall software, disable it. After the installation, restart your Personal Firewall software.

- 13** Put the supplied CD-ROM into your CD-ROM drive. If the model name screen appears, choose your machine. If the language screen appears, choose your language.



- 14** The CD-ROM main menu will appear. Click **Install MFL-Pro Suite**.



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

**Note**

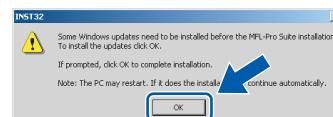
- If you are using Windows® 2000 Professional and have not installed service pack 3 (SP3) or greater:

To access the PhotoCapture Center™ features from your computer you may have to install a Windows® 2000 update first.

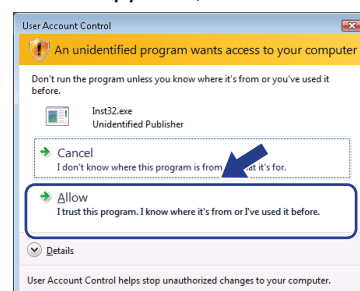
The Windows® 2000 update is included with the MFL-Pro Suite installer.

To install the update, follow the steps below:

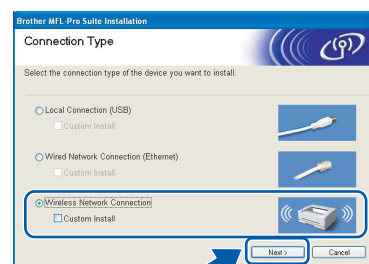
- Click **OK** to start installation of the Windows® updates.



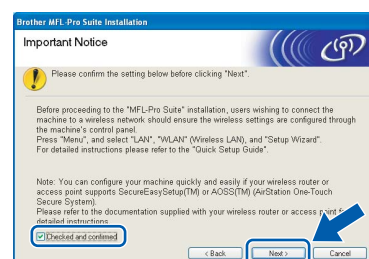
- When instructed, click **OK** to restart your computer.
 - After the computer restarts, the installation of MFL-Pro Suite will automatically continue.
- If the installation does not continue automatically, open the main menu again by ejecting and then reinserting the CD-ROM disc or double-click the **start.exe** program from the root folder, and continue from step 14 to install MFL-Pro Suite.
 - For Windows Vista™, when the User Account Control screen appears, click **Allow**.



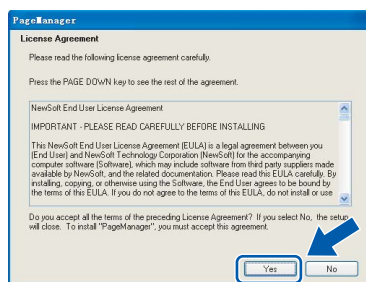
- 15** Choose **Wireless Network Connection**, and then click **Next**.



- 16** Click on **Checked and confirmed** check box, and then click **Next**.

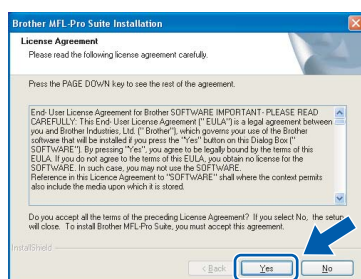


- 17** After reading and accepting the Presto!® PageManager® License Agreement, click **Yes**.

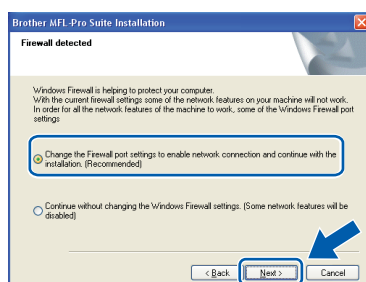


- 18** The installation of Presto!® PageManager® will automatically start and is followed by the installation of MFL-Pro Suite.

- 19** When the Brother MFL-Pro Suite Software License Agreement window appears, click **Yes** if you agree to the Software License Agreement.



- 20** For Windows® XP SP2/Windows Vista™ users, when this screen appears, choose **Change the Firewall port settings to enable network connection and continue with the installation. (Recommended)** and click **Next**.



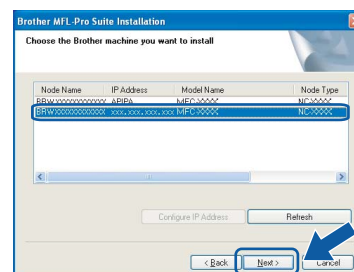
If you are not using the Windows® Firewall, see the User's Guide for your software for information on how to add the following network ports.

- For network scanning, add UDP port 54925.
- For network PC-Fax receiving, add UDP port 54926.
- If you still have trouble with your network connection, add UDP port 137.

Note

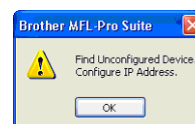
- If the machine is configured for your network, choose the machine from the list, and then click **Next**.

This window will not appear if there is only one machine connected on the network, it will be chosen automatically.



If your machine shows **APIPA** in the **IP Address** field, click **Configure IP Address** and enter an IP address for your machine that is suitable for your network.

- If the machine is not yet configured for use on your network, the following screen appears.



Click **OK**.

The **Configure IP Address** window will appear. Enter an IP address for your machine that is suitable for your network by following the on-screen instructions.

Improper Setup

If your wireless settings fail, an error message will appear during the installation of MFL-Pro Suite and the installation will be terminated. If you encounter this failure, please go to step 1 and setup the wireless connection again.

- 21** The installation of the Brother drivers will automatically start. The installation screens appear one after another. **Please wait, it will take a few seconds for all the screens to appear.**

Improper Setup

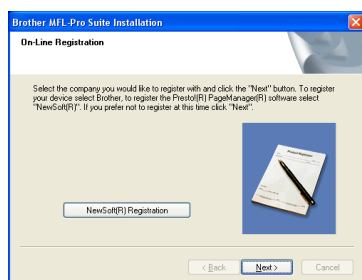
DO NOT try to cancel any of the screens during this installation.

**Note**

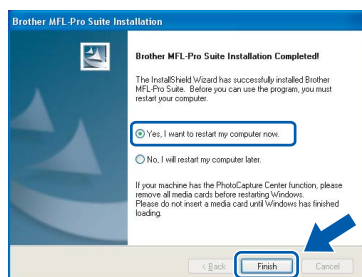
For Windows Vista™, when this screen appears, click the check box and click **Install** to complete the installation properly.



- 22** When the On-Line Registration screen is displayed, make your selection and follow the on-screen instructions.



- 23** Click **Finish** to restart your computer. After restarting the computer, you must be logged on with Administrator rights.

**Note**

After restarting the computer, the *Installation Diagnostics* will run automatically. If the installation is unsuccessful, the installation results window will be shown. If the Diagnostics shows a failure, please follow the on-screen instructions or read the on-line help and FAQs in **Start/All Program/Brother/MFC-XXXX**.



The MFL-Pro Suite has been installed completely. Proceed to **Installing FaceFilter Studio** on page 34 to install the FaceFilter Studio application.

**Note**

MFL-Pro Suite includes the Network Printer Driver, Network Scanner Driver and Brother ControlCenter3.

Installing FaceFilter Studio

FaceFilter Studio is an easy-to-use borderless photo printing application. FaceFilter Studio also lets you edit your photo data and add photo effects such as red eye reduction or skin tone enhancement.

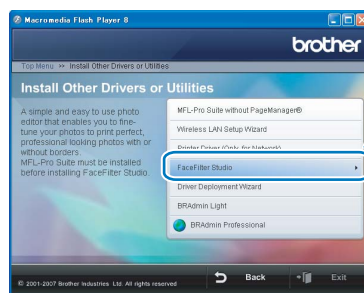
Important

Before you launch FaceFilter Studio for the first time, you must confirm MFL-Pro Suite is installed, your Brother machine is turned ON and connected to your network.

- 24** Open the main menu again by ejecting and then reinserting the CD-ROM disc or by double-clicking the **start.exe** program from the root folder.
- 25** The CD-ROM main menu will appear. Click **Install Other Drivers or Utilities**.



- 26** Click the **FaceFilter Studio** button to install.



- 27** For information on basic FaceFilter Studio functions, see *Using FaceFilter Studio for photo printing by REALLUSION in the Software User's Guide* on the CD-ROM. For more detailed information, see FaceFilter Studio Help.

For USB Interface Users (For Mac OS® X 10.2.4 or greater)

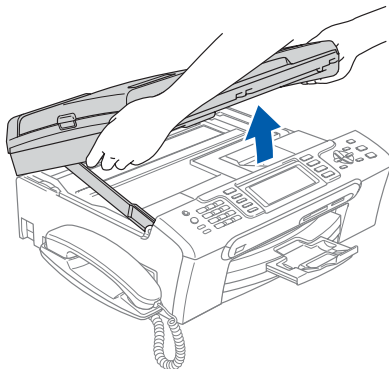
Important


Make sure that you have finished the instructions from STEP 1 *Setting Up the Machine* on pages 5 through 15.

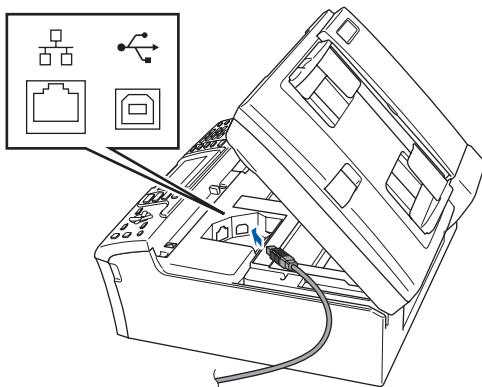
Note

- For Mac OS® X 10.2.0 to 10.2.3 users, upgrade to Mac OS® X 10.2.4 or greater. (For the latest information for Mac OS® X, visit <http://solutions.brother.com>)
- Make sure there are no memory cards or a USB Flash memory drive inserted into the media drives or USB direct interface at the front of the machine.

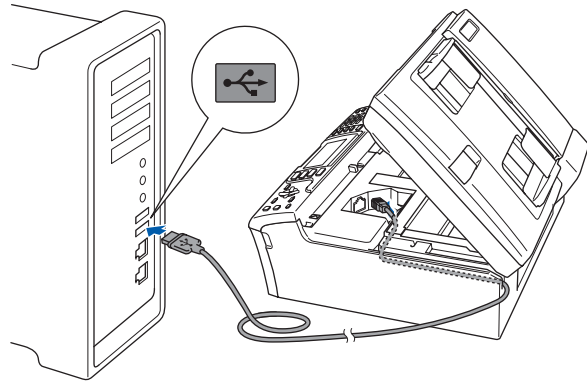
- 1 Using both hands, use the plastic tabs on both sides of the machine to lift the scanner cover until it locks securely into the open position.



- 2 Connect the USB cable to the USB socket marked with a  symbol. You will find the USB socket inside the machine on the right as shown below.



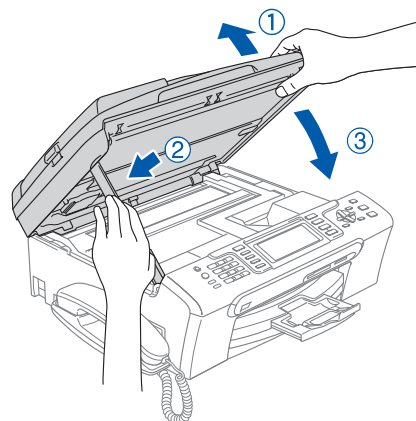
- 3 Carefully guide the USB cable into the trench as shown below, following the trench around and toward the back of the machine. Then, connect the cable to your Macintosh®.



⚠ Improper Setup

- **DO NOT** connect the machine to a USB port on a keyboard or a non-powered USB hub. Brother recommends that you connect the machine directly to your Macintosh®.
- Make sure that the cable does not restrict the cover from closing, or an error may occur.
- Make sure you use a USB 2.0 cable that is no longer than 2 metres.

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

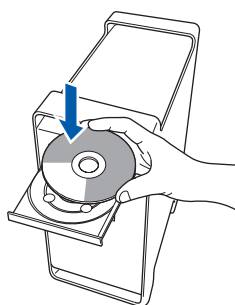


Note

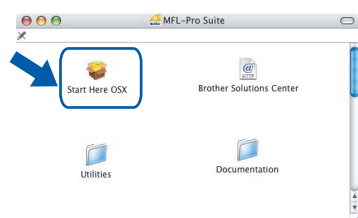
Make sure that the machine is turned on by connecting the power cord.

- 5 Turn on your Macintosh®.

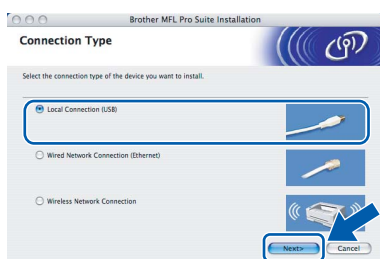
- 6** Put the supplied CD-ROM into your CD-ROM drive.



- 7** Double-click the **Start Here OSX** icon to install.

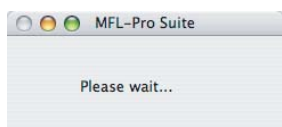


- 8** Choose **Local Connection**, and then click **Next**. Follow the on-screen instructions.

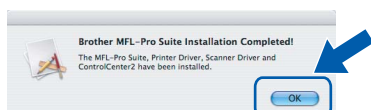
**Note**

Please wait, it will take a few seconds for the software to install. After the installation, click **Restart** to finish installing the software.

- 9** The Brother software will search for the Brother device. During this time the following screen will appear.

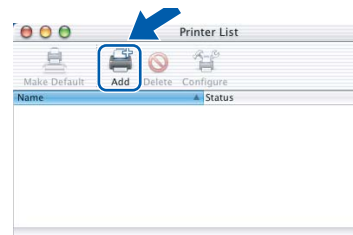


- 10** When this screen appears, click **OK**.

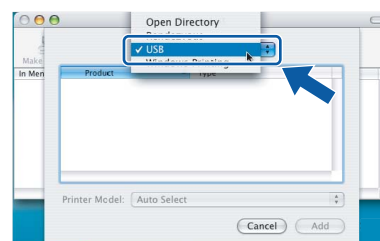


For Mac OS® X 10.3.x or greater users:
The MFL-Pro Suite, Brother printer driver, scanner driver and Brother ControlCenter2 have been installed and the installation is now complete.

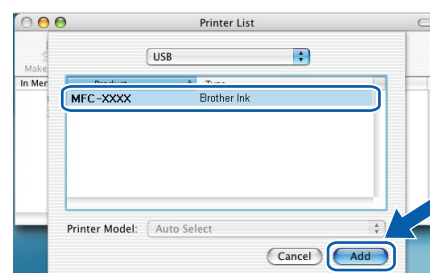
- 11** For Mac OS® X 10.2.4 to 10.2.8 users:
Click **Add**.



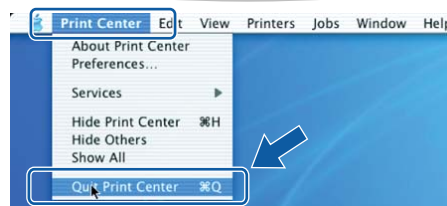
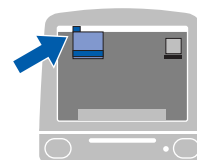
- 12** Choose **USB**.



- 13** Choose **MFC-XXXX** (where XXXX is your model name), and then click **Add**.



- 14** Click **Print Center**, then **Quit Print Center**.



The MFL-Pro Suite, Brother printer driver, scanner driver and Brother ControlCenter2 have been installed and the installation is now complete.

For Wired Network Interface Users (For Mac OS® X 10.2.4 or greater)

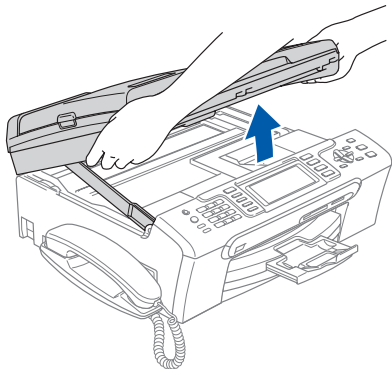
Important


Make sure that you have finished the instructions from STEP 1 *Setting Up the Machine* on pages 5 through 15.

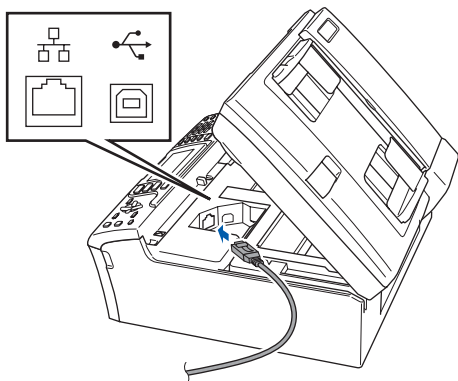
Note

- For Mac OS® X 10.2.0 to 10.2.3 users, upgrade to Mac OS® X 10.2.4 or greater. (For the latest information for Mac OS® X, visit <http://solutions.brother.com>)
- Make sure there are no memory cards or a USB Flash memory drive inserted into the media drives or USB direct interface at the front of the machine.

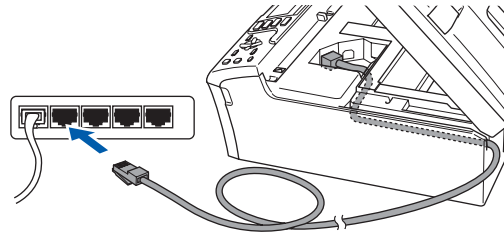
- 1 Using both hands, use the plastic tabs on both sides of the machine to lift the scanner cover until it locks securely into the open position.



- 2 Connect the network cable to the LAN socket marked with a  symbol. You will find the LAN socket inside the machine on the left as shown below.



- 3 Carefully guide the network cable to the trench as shown below, following the trench around and toward the back of the machine. Then, connect the cable to your network.



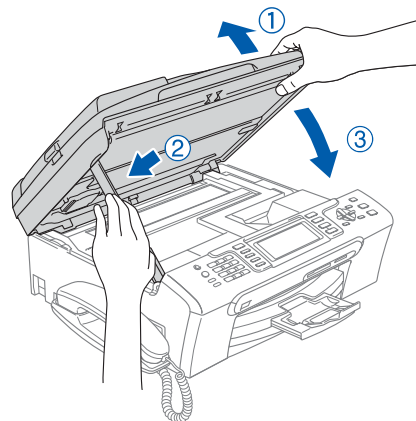
⚠ Improper Setup

Make sure that the cable does not restrict the cover from closing, or an error may occur.

Note

If both USB and LAN cables are being used, guide both cables through the trench with one on top of the other.

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



Note

Make sure that the machine is turned on by connecting the power cord.

⚠ Improper Setup

If you have previously set up your machine for a wireless network and then want to set it up on a wired network, you should check that the machine's Network I/F is **Wired LAN**. The wireless network interface will become inactive with this setting.

On your machine, press Menu.

Press ▲ or ▼ to choose **LAN** and press OK.

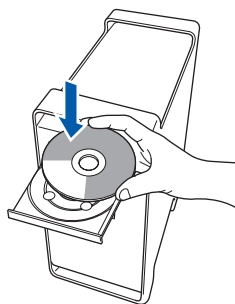
Press ▲ or ▼ to choose **Network I/F** and press OK.

Press ▲ or ▼ to choose **Wired LAN** and press OK.

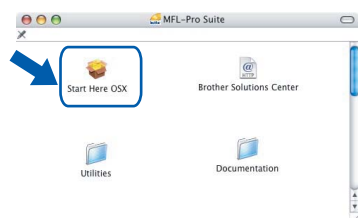
Press Stop/Exit.

5 Turn on your Macintosh®.

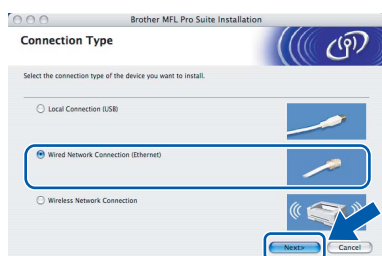
6 Put the supplied CD-ROM into your CD-ROM drive.



7 Double-click the **Start Here OSX** icon to install.

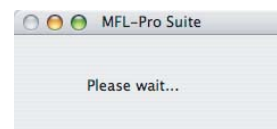


8 Choose **Wired Network Connection**, and then click **Next**. Follow the on-screen instructions.



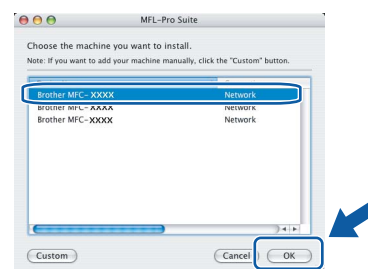
Please wait, it will take a few seconds for the software to install. After the installation, click **Restart** to finish installing the software.

9 The Brother software will search for the Brother device. During this time the following screen will appear.



Note

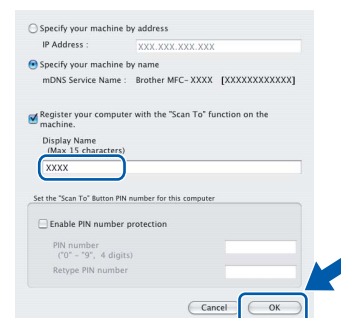
- If the machine is configured for your network, choose the machine from the list, and then click **OK**. This window will not appear if there is only one machine connected on the network, it will be chosen automatically. Go to step 10.



- If this screen appears click **OK**.

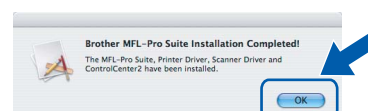


Enter a name for your Macintosh® in **Display Name** up to 15 characters long and click **OK**. Go to step 10.



- If you want to use the machine's Scan key to scan over the network you must check the **Register your computer with the "Scan To" functions on the machine** box.
- The name you enter will appear on the machine's LCD when you press the **Scan** key and choose a scan option. (For more information, see Network Scanning in the Software User's Guide on the CD-ROM.)

10 When this screen appears, click **OK**.

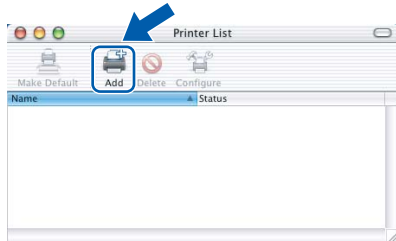




For Mac OS® X 10.3.x or greater users:
The MFL-Pro Suite, Brother printer driver,
scanner driver and Brother
ControlCenter2 have been installed and
the installation is now complete.

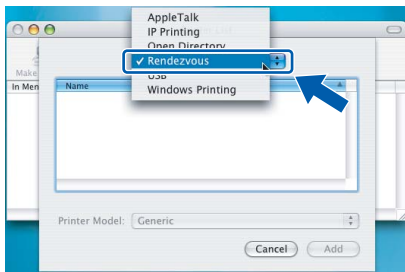
11

For Mac OS® X 10.2.4 to 10.2.8 users:
Click **Add**.



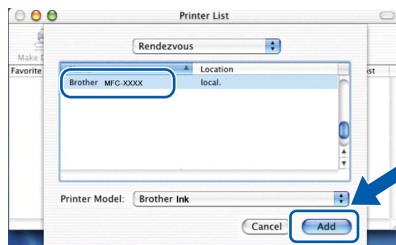
12

Make the selection shown below.



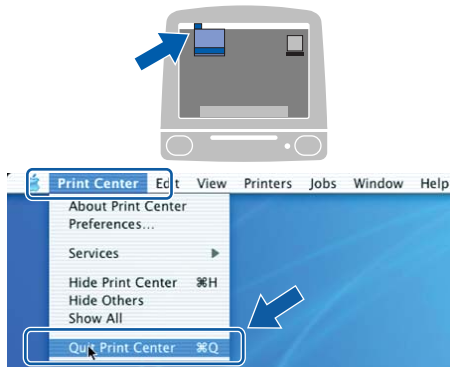
13

Choose **MFC-XXXX** (where XXXX is your
model name), and then click **Add**.



14

Click **Print Center**, then **Quit Print Center**.



The MFL-Pro Suite, Brother printer driver,
scanner driver and Brother
ControlCenter2 have been installed and
the installation is now complete.

For Wireless Network Interface Users (For Mac OS® X 10.2.4 or greater) in infrastructure mode

Connecting your wireless machine and wireless network together and installing the printer driver in infrastructure mode

First you must configure the wireless network settings of your machine to communicate with your network access point (router). After the machine is configured to communicate with your access point (router) computers on your network will have access to the machine. To use the machine from these computers, you will need to install the MFL-Pro Suite. The following steps will guide you through the configuration and installation process.

To achieve optimum results with normal every day document printing, place the Brother machine as close to the network access point (router) as possible with minimal obstructions. Large objects and walls between the two devices as well as interference from other electronic devices can affect the data transfer speed of your documents.

Important

The following instructions will offer two methods for installing your Brother machine in a wireless network environment. Both methods are for infrastructure mode, using a wireless router or access point that uses DHCP to assign IP addresses. If your wireless router/access point supports **SecureEasySetup™** or **AOSS™** follow the steps on page 42 *Using the SecureEasySetup™ or AOSS™ software to configure your machine for a wireless network*. If your wireless router/access point does not support **SecureEasySetup™** or **AOSS™** follow the steps on page 44 *Using the Setup Wizard from the control panel LAN menu for wireless network configuration*. To set up your machine in any other wireless environment you can find instructions in the Network User's Guide on the CD-ROM.

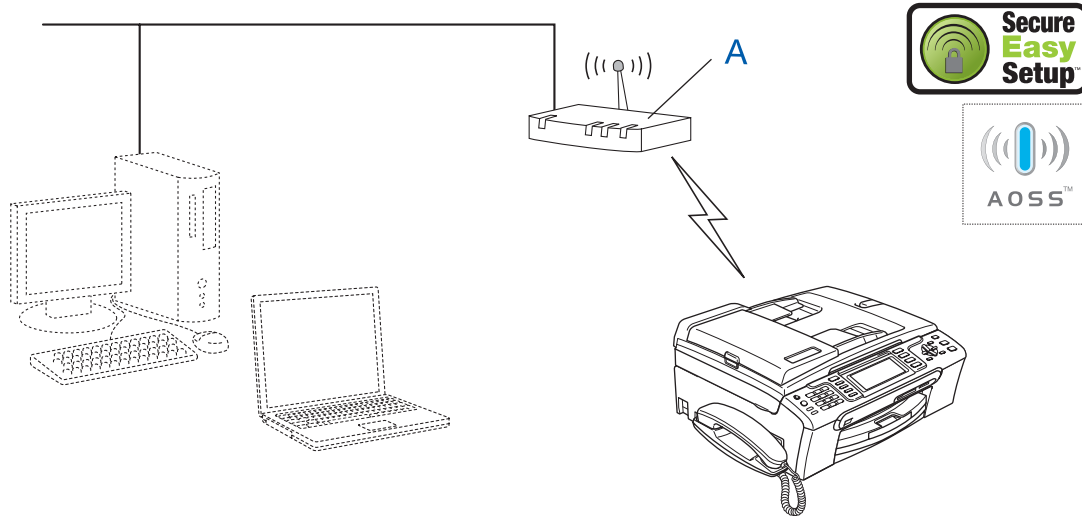
You can view the Network User's Guide by following the instructions below.

- 1 Turn on your Macintosh®. Insert the Brother CD-ROM into your CD-ROM drive.
- 2 Double-click **Documentation**.
- 3 Double-click your language folder.
- 4 Double-click the top page file in HTML format.
- 5 Click **NETWORK USER'S GUIDE**.

Confirm your network environment

The setup process will be different depending on your network environment.

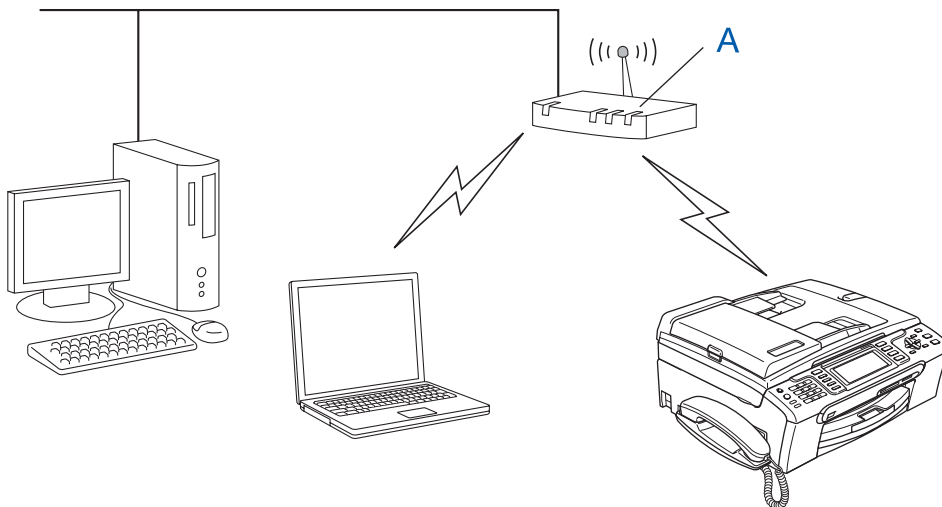
■ Installation using SecureEasySetup™ or AOSS™



If your wireless access point (A) supports SecureEasySetup™ or AOSS™, you do not need to use a computer to configure the machine. The access point (router) and your machine can automatically negotiate using the SecureEasySetup™ or AOSS™ procedure.

For instructions, go to page 42.

■ Infrastructure Mode



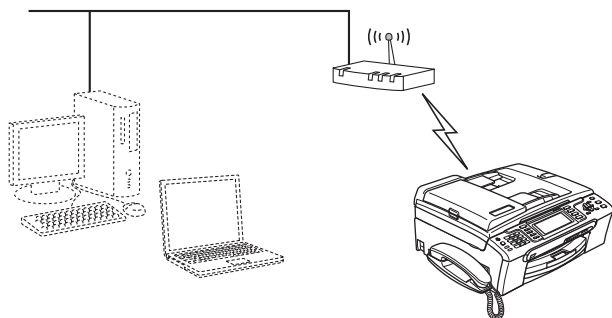
If your wireless access point (A) does not support SecureEasySetup™ or AOSS™, follow the instructions, on page 44.

Using the SecureEasySetup™ or AOSS™ software to configure your machine for a wireless network

Important

Make sure that you have finished the instructions from STEP 1 Setting Up the Machine on pages 5 through 15.

The SecureEasySetup™ or AOSS™ software allows you to configure the wireless network easier than configuring it manually. By pushing a button on the wireless router or access point, you can complete setup and secure the wireless network. Your router or access point must also support SecureEasySetup™ or AOSS™. See the user's guide for your wireless LAN router or access point for instructions to configure your machine for a wireless network. If your wireless router or access point does not support SecureEasySetup™ or AOSS™ go to page 44 for installation instructions.



Note

Routers or access points that support SecureEasySetup™ have the SecureEasySetup™ symbol as shown below.



Note

Routers or access points that support AOSS™ have the AOSS™ symbol as shown below.



Note

Make sure that the machine is turned on by connecting the power cord.

- 1 Place the Brother machine close to the SecureEasySetup™ or AOSS™ router or access point.

Improper Setup

If you have previously configured the wireless settings of the machine you must reset the network (LAN) settings before you can configure the wireless settings again.

On your machine, press **Menu**. Press **▲** or **▼** to choose **LAN** and then press **OK**. Press **▲** or **▼** to choose **Factory Reset**, and then press **OK**. Press **1** twice for **Yes** to accept the change.

- 2 Push the SecureEasySetup™ or AOSS™ button on your wireless router or access point. See the user's guide for your wireless router or access point for instructions.
- 3 On your machine, press **Menu**. Press **▲** or **▼** to choose **LAN** and press **OK**. Press **▲** or **▼** to choose **WLAN** and press **OK**. Press **▲** or **▼** to choose **SecureEasySetup** or **AOSS** and press **OK**. When **Network I/F switched to Wireless** is displayed, press **OK** to accept or press **Clear/Back** to cancel.
- 4 The wireless network connection status using the SecureEasySetup™ or AOSS™ software will be displayed: **Connecting WLAN**, **Setting AOSS** or **Connecting AOSS**. Wait till either **Connected** or **Connection Error (Connection Fail)** is displayed.

Connected is displayed when the print server is successfully connected to your router or access point. You can now use your machine in a wireless network.

Connection Error (Connection Fail) is displayed when the print server has not successfully connected to your router or access point. Try starting from step 1 again. If the same message is displayed again, reset the print server back to the default factory settings and try again. (See *Restoring the network settings to factory default* on page 50.)



Note

*If you encounter a problem during setup, temporarily place your machine closer to the wireless access point, and go back to step **2**.*



Wireless setup is now complete. To install MFL-Pro Suite, continue to step **11 on page 46.**

Using the Setup Wizard from the control panel LAN menu for wireless network configuration

Important

Make sure that you have finished the instructions from **STEP 1 Setting Up the Machine** on pages 5 through 15.



- 1 Write down the wireless network settings of your access point or wireless router.
SSID (Service Set ID or Network name)

WEP Key (if needed)

WPA/WPA2-PSK (TKIP or AES) (if needed)

The WEP key is for 64-bit encrypted networks or 128-bit encrypted networks and can contain both numbers and letters. If you do not know this information you should see the documentation provided with your access point or wireless router. This key is a 64-bit or 128-bit value that must be entered in an ASCII or HEXADECIMAL format.

For example:

64-bit ASCII:	Uses 5 text characters. e.g. "Hello" (this is case sensitive)
64-bit Hexadecimal:	Uses 10 digits of hexadecimal data. e.g. "71f2234aba"
128-bit ASCII:	Uses 13 text characters. e.g. "Wirelesscomms" (this is case sensitive)
128-bit Hexadecimal:	Uses 26 digits of hexadecimal data. e.g. "71f2234ab56cd709e5412aa3ba"

WPA/WPA2-PSK is a Wi-Fi® Protected Access Pre-shared key, which lets the Brother wireless machine associate with access points using TKIP or AES encryption (WPA-Personal). WPA/WPA2-PSK (TKIP or AES) uses a Pre-Shared Key (PSK) that is 8 or more characters in length, up to a maximum of 63 characters.
See the *Network User's Guide* for more details.



Note

Make sure that the machine is turned on by connecting the power cord.



Improper Setup

If you have previously configured the wireless settings of the machine you must reset the network (LAN) settings before you can configure the wireless settings again.

On your machine, press **Menu**.

Press **▲** or **▼** for **LAN** and press **OK**. Press **▲** or **▼** to choose **Factory Reset**, and then press **OK**.

Press **1** twice for **Yes** to accept the change.

2

On your machine, press **Menu**.

Press **▲** or **▼** to choose **LAN** and press **OK**.

Press **▲** or **▼** to choose **WLAN** and press **OK**.

Press **▲** or **▼** to choose **Setup Wizard** and press **OK**.

When **Network I/F switched to Wireless** is displayed, press **OK** to accept.

This will start the wireless setup wizard.

Press **Clear/Back** to cancel.

3

The machine will search for available SSIDs. If a list of SSIDs is displayed, use the **▲** or **▼** keys to choose the SSID you wrote down in step **1**, then press **OK**. Go to step **7**.





Note

It will take several seconds to display a list of available SSIDs.

If your access point is set to not broadcast the SSID you will have to manually add the SSID name. Go to step **4**.

4

Press **▲** or **▼** to choose **<New SSID>** and press **OK**. Go to step **5**.

- 5** Enter the SSID you wrote down in step **1** using the dial pad to choose each letter or number. You can use the  and  keys to move the cursor left and right. For example, to enter the letter a, press the **2** key on the dial pad once. To enter the number 3, press the **3** key on the dial pad seven times.

The letters appear in this order: lower case, upper case and then numbers.
(For more information, see *Entering Text for Wireless Settings* on page 51.)
Press **OK** when you have entered all the characters.

- 6** Press **▲** or **▼** to choose *Infrastructure*, then press **OK**.



- 7** Use the **▲**, **▼** and **OK** keys to choose one of the options below: If your network is configured for Authentication and Encryption you must match the settings used for your network.

No Authentication or Encryption: Choose *Open System*, press **OK** then choose *None* for *Encryption Type?* and press **OK**. Then press **1** for *Yes* to apply your settings. Go to step **10**.

No Authentication with WEP Encryption: Choose *Open System*, press **OK** then use the **▲** or **▼** to choose *WEP* for the *Encryption Type?* and press **OK**. Go to step **8**.

Authentication with WEP Encryption: Choose *Shared Key*, press **OK**. Go to step **8**.



Authentication with WPA/WPA2-PSK (TKIP or AES) Encryption: Choose *WPA/WPA2-PSK*, press **OK**. Go to step **9**.

- 8** Choose the appropriate key number and press **OK**. Enter the WEP key you wrote down in step **1** using the dial pad to choose each letter or number. You can use the  and  keys to move the cursor left and right. For example, to enter the letter a, press the **2** key on the dial pad once. To enter the number 3, press the **3** key on the dial pad seven times.

The letters appear in this order: lower case, upper case and then numbers.
(For more information, see *Entering Text for Wireless Settings* on page 51.)

Press **OK** when you have entered all the characters, then press **1** for *Yes* to apply your settings. Go to step **10**.

Most access points and routers can store more than one key, but they will only use one at any time for authentication and encryption.

- 9** Press **▲** or **▼** to choose *TKIP* or *AES* for *Encryption Type?* and press **OK**. Enter the WPA/WPA2-PSK password you wrote down in step **1** using the dial pad to choose each letter or number. You can use the  and  keys to move the cursor left and right. For example, to enter the letter a, press the **2** key on the dial pad once. To enter the number 3, press the **3** key on the dial pad seven times.

The letters appear in this order: lower case, upper case and then numbers.
(For more information, see *Entering Text for Wireless Settings* on page 51.)

Press **OK** when you have entered all the characters, then press **1** *Yes* to apply your settings. Go to step **10**.

- 10** Your machine will now try to connect to your wireless network using the information you have entered. If successful, *Connected* will appear briefly on the LCD.

*If your machine does not successfully connect to your network, you should repeat steps **2** to **9** to make sure you have entered the correct information.*

*If your access point does not have DHCP enabled you will need to manually configure the IP address, subnet mask and gateway of the machine to suit your network. See the *Network User's Guide* for details.*



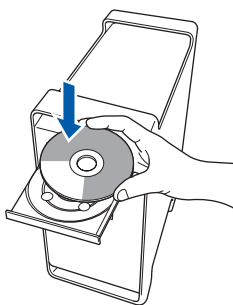
Wireless setup is now complete. A four level indicator at the top of your machine's LCD will show the wireless signal strength of your access point or router. To install MFL-Pro Suite, continue to step **11.**

Note

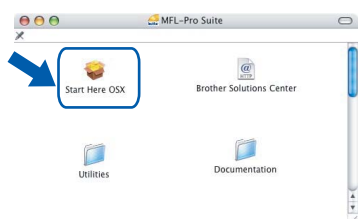
- For Mac OS® X 10.2.0 to 10.2.3 users, upgrade to Mac OS® X 10.2.4 or greater. (For the latest information for Mac OS® X, visit <http://solutions.brother.com>)
- Make sure there are no memory cards or a USB Flash memory drive inserted into the media drives or USB direct interface at the front of the machine.

11 Turn on your Macintosh®.

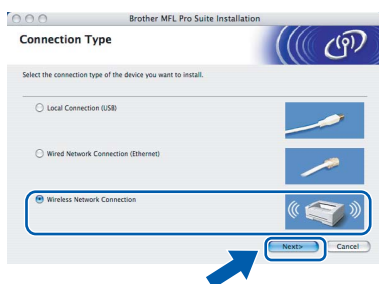
12 Put the supplied CD-ROM into your CD-ROM drive.



13 Double-click the **Start Here OSX** icon to install.



14 Choose **Wireless Network Connection**, and then click **Next**.

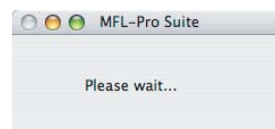


15 Click on the **Checked and confirmed** check box, and then click **Next**. Follow the on-screen instructions.

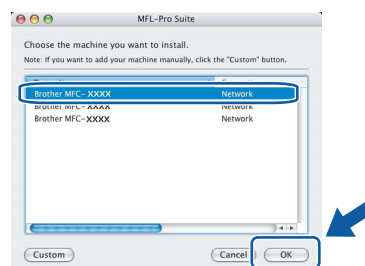


Please wait, it will take a few seconds for the software to install. After the installation, click **Restart** to finish installing the software.

16 The Brother software will search for the Brother device. During this time the following screen will appear.

**Note**

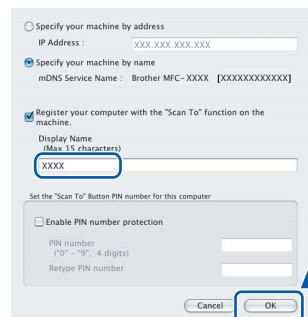
- If the machine is configured for your network, choose the machine from the list, and then click **OK**. This window will not appear if there is only one machine connected on the network, it will be chosen automatically. Go to step **17**.



- If this screen appears click **OK**.

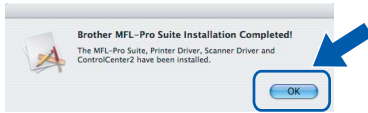


Enter a name for your Macintosh® in **Display Name** up to 15 characters long and click **OK**. Go to step **17**.



- If you want to use the machine's Scan key to scan over the network you must check the **Register your computer with the "Scan To" functions on the machine box**.
- The name you enter will appear on the machine's LCD when you press the **Scan** key and choose a scan option. (For more information, see Network Scanning in the Software User's Guide on the CD-ROM.)

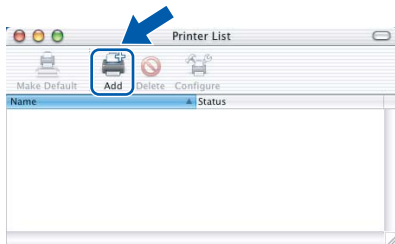
- 17** When this screen appears, click **OK**.



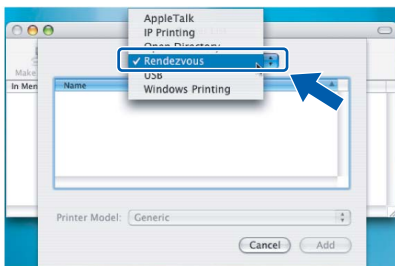
The MFL-Pro Suite, Brother printer driver, scanner driver and Brother ControlCenter2 have been installed and the installation is now complete.

- OK!** For Mac OS® X 10.3.x or greater users:
The MFL-Pro Suite, Brother printer driver, scanner driver and Brother ControlCenter2 have been installed and the installation is now complete.

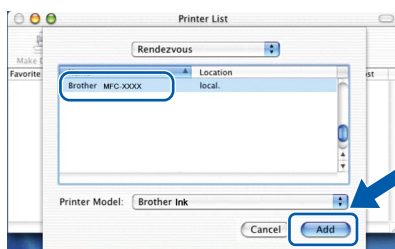
- 18** For Mac OS® X 10.2.4 to 10.2.8 users:
Click **Add**.



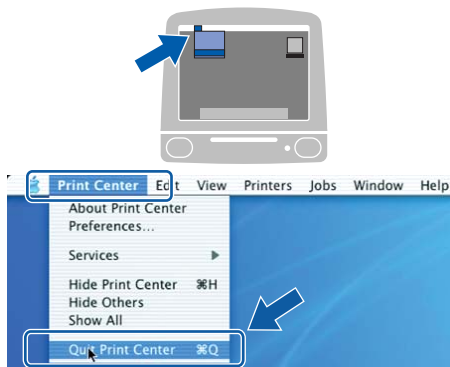
- 19** Make the selection shown below.



- 20** Choose **MFC-XXXX** (where XXXX is your model name), and then click **Add**.



- 21** Click **Print Center**, then **Quit Print Center**.



BRAdmin Light utility (For Windows® users)

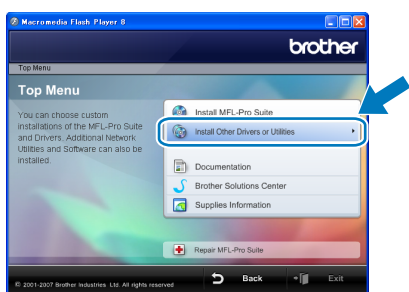
BRAdmin Light is a utility for initial setup of Brother network connected devices. It also can search for Brother products on your network, view the status and configure basic network settings, such as IP address. For more information on BRAdmin Light, visit us at <http://solutions.brother.com>.

Note

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

Installing the BRAdmin Light configuration utility

- 1 Click **Install Other Drivers or Utilities** on the menu screen.



- 2 Click **BRAdmin Light** and follow the on-screen instructions.

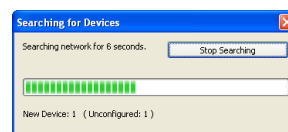


Setting your IP address, Subnet Mask and Gateway using BRAdmin Light

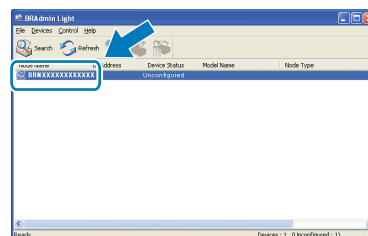
Note

If you have a DHCP/BOOTP/RARP server in your network, you don't have to do the following operation. Because the print server will automatically obtain its IP address.

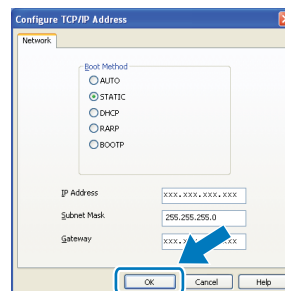
- 1 Start BRAdmin Light. It will search for new devices automatically.



- 2 Double-click the unconfigured device.



- 3 Choose **STATIC** for the **Boot Method**. Enter the **IP Address**, **Subnet Mask** and **Gateway**, and then click **OK**.



- 4 The address information will be saved to the machine.

BRAdmin Light utility (For Mac OS® X users)

BRAdmin Light is a utility for initial setup of Brother network connected devices. It also can search for Brother products on your network, view the status and configure basic network settings, such as IP address from a computer running Mac OS® X 10.2.4 or greater.

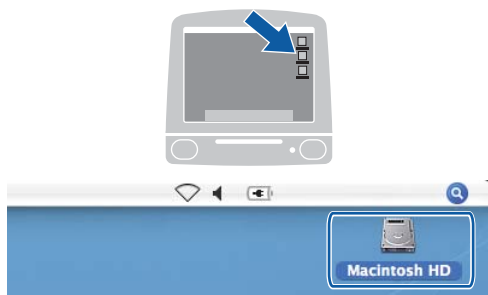
The BRAdmin Light software will be installed automatically when you install the printer driver. If you have already installed the printer driver, you don't have to install it again. For more information on BRAdmin Light, visit us at <http://solutions.brother.com>.

Setting your IP address, Subnet Mask and Gateway using BRAdmin Light

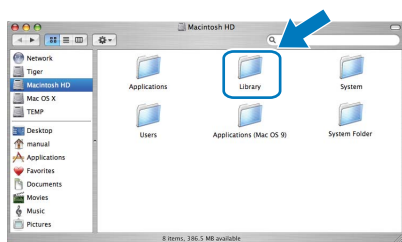
Note

- If you have a DHCP/BOOTP/RARP server in your network, you don't have to do the following operation. The print server will automatically obtain its own IP address.
- Make sure that version 1.4.1_07 or later of Java™ client software is installed on your computer.

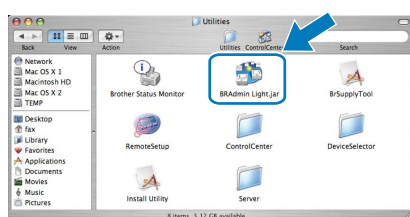
- 1 Double-click the **Macintosh HD** icon on your desktop.



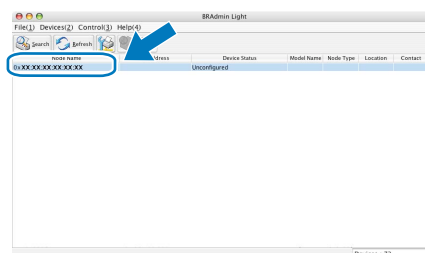
- 2 Choose **Library**, **Printers**, **Brother** and then **Utilities**.



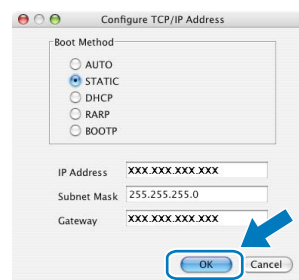
- 3 Double-click the file **BRAdmin Light.jar** and run the software. BRAdmin Light will then search for new devices automatically.



- 4 Double-click the unconfigured device.



- 5 Choose **STATIC** for the **Boot Method**. Enter the **IP Address**, **Subnet Mask** and **Gateway**, and then click **OK**.



- 6 The address information will be saved to the machine.



Restoring the network settings to factory default

To restore all network settings of the internal Print/Scan server to factory default, please follow the steps below.

- 1** Make sure the machine is not operating, then disconnect all the cables from the machine (except power cable).
- 2** Press **Menu**.
- 3** Press **▲** or **▼** to choose **LAN**. Press **OK**.
- 4** Press **▲** or **▼** to choose **Factory Reset**. Press **OK**.
- 5** Press **1** to choose **Yes**.
- 6** Press **1** to choose **Yes**.
- 7** The machine will restart, re-connect cables once this is complete.

Entering Text for Wireless Settings



When you are setting certain menu selections, you may need to enter text into the machine. Most number keys have three or four letters printed on keys. The keys for **0**, **#** and ***** do not have printed letters because they are used for special characters.

By pressing the proper number key repeatedly, you can access the character you want.



For configuring wireless network settings

Press Key	One time	Two times	Three times	Four times	Five times	Six times	Seven times	Eight times
2	a	b	c	A	B	C	2	a
3	d	e	f	D	E	F	3	d
4	g	h	i	G	H	I	4	g
5	j	k	l	J	K	L	5	j
6	m	n	o	M	N	O	6	m
7	p	q	r	s	P	Q	7	p
8	t	u	v	T	U	V	8	t
9	w	x	y	z	W	X	9	w


Putting spaces

To enter a space in a number, press  once between numbers. To enter a space in a name, press  twice between characters.

Making corrections

If you entered a letter incorrectly and want to change it, press  or  to move the cursor to the incorrect character, press **Clear/Back**.

Repeating letters

If you need to enter a letter that is on the same key as the letter before, press  to move the cursor right before you press the key again.

Special characters and symbols

Press *****, **#** or **0** repeatedly until you see the special character or symbol you want. Press **OK** to select it.

Press ***** for (space)! " # \$ % & ' () * + , - . /

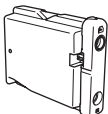
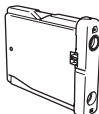
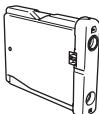
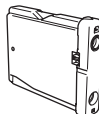
Press **#** for : ; < = > ? @ [] ^ _

Press **0** for 0 \ { | } ~

Replacement consumables

When the time comes to replace ink cartridges, an error message will be indicated on the LCD. For more information about the ink cartridges for your machine, visit <http://solutions.brother.com> or contact your local Brother re-seller.

Ink cartridge

Black	Yellow	Cyan	Magenta
LC960BK	LC960Y	LC960C	LC960M
			

What is Innobella™?

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