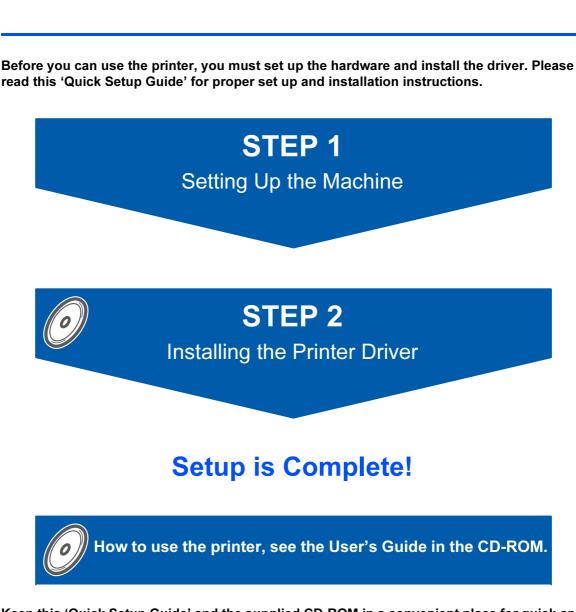
brother



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

(()

HL-4070CDW

Symbols used in this guide

Warning	Electrical Hazard	Hot Surface	Caution
Warnings tell you what to do to prevent possible personal injury.	Electrical Hazard icons alert you to a possible electrical shock.	Hot Surface icons warn you not to touch machine parts that are hot.	Cautions specify procedures you must follow or avoid to prevent possible damage to the printer or other objects.

Name of the setup	Note	User's Guide Network User's Guide
Improper Setup icons alert you to devices and operations that are not compatible with the printer.	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 or Network User's Guide which is on the CD-ROM we have supplied.

Safety Precautions

Getting Started

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STEP 1—Setting Up the Machine

Put the CD-ROM into the CD-ROM drive	
Removing the packing materials from the printer	
Installing the toner cartridges	
Loading paper in the paper tray	
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STEP 2—Installing the Printer Driver

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Shipment of the printer

Troubleshooting

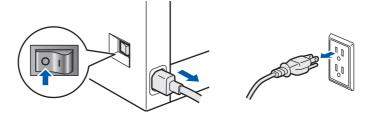
Q Chapter 7 of the User's Guide on the CD-ROM

To Use the Printer Safely

Warning

<u>/}</u>

There are high voltage electrodes inside the printer. Before you clean the inside of the printer, make sure that you have turned off the power switch and unplugged the printer from the AC power outlet.

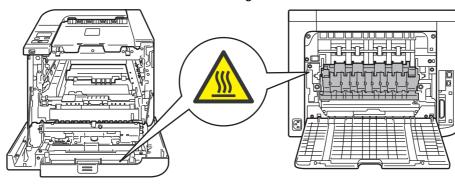


A

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



The fuser unit becomes extremely hot during operation. Wait until it has cooled down sufficiently before replacing consumable items. DO NOT remove or damage the caution labels located on or around the fuser.





DO NOT use flammable substances or any type of spray to clean the inside or outside of the machine. Doing this may cause a fire or electrical shock. Refer to the User's Guide for how to clean the machine.

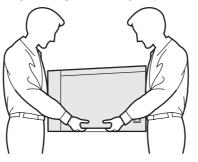


DO NOT use a vacuum cleaner to clean up scattered toner. Doing this might cause the toner dust to ignite inside the vacuum cleaner, potentially starting a fire. Please carefully clean the toner dust with a dry, lint-free cloth and dispose of it according to local regulations.

If the printer becomes hot, blows smoke, or generates obscure odor, immediately turn off the power switch and unplug the printer from the AC power outlet. Call your Brother dealer or Brother Customer Service.

If metal objects, water or other liquids get inside the printer, immediately turn off the power switch and unplug the printer from the AC power outlet. Call your Brother dealer or Brother Customer Service.

This printer is heavy and weighs approximately 64.2 lb. (29.1 kg). To prevent injuries use at least two people to lift the printer. Be careful not to pinch your fingers when you put the printer back down.



Regulations

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

Responsible	Brother International Corporation
Party:	100 Somerset Corporate Boulevard
	P.O. Box 6911
	Bridgewater, NJ 08807-0911
	USA
	Telephone: (908) 704-1700

declares, that the products

Product name:	Laser Printer HL-4070CDW
Model number:	HL-40C
Product option:	Lower Tray Unit LT-100CL

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

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

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

Important

A shielded interface cable should be used in order to ensure compliance with the limits for a Class B digital device.

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

Industry Canada Compliance Statement (For Canada

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

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

Radio interference (220-240 volt model only)

This printer follows EN55022 (CISPR Publication 22)/Class B.

Before you use this product, make sure that you use one of the following interface cables.

- 1 A shielded parallel interface cable with twisted-pair conductors and that it is marked "IEEE 1284 compliant".
- 2 A USB cable.

The cable must not be more than 2 meters long.

EC Declaration of Conformity



EC Declaration of Conformity

<u>Manufacturer</u> Brother Industries Ltd., 15-1, Naeshiro-cho, Mizuho-ku, Nagoya 467-8561, Japan

<u>Plant</u> Brother Technology (Shenzhen) Ltd., NO6 Gold Garden Ind. Nanling Buji, Longgang, Shenzhen, China

Herewith declare that: Products description Product Name Model Number HL-4070CDW HL-40C

is in conformity with provisions of the R & TTE Directive (1999/5/EC) and we declare compliance with the following standards :

Harmonized standards applied :

- Safety EN60950-1:2001+A11: 2004

Radio EN301 489-1 V1.6.1 EN301 489-17 V1.2.1 EN300 328 V1.6.1

Year in which CE marking was first affixed : 2006

Issued by : Brother Industries, Ltd.

Date : 1st October, 2006 Place : Nagoya, Japan

Place Signature

Shiol

Junji Shiota General Manager Quality Management Dept. Printing & Solutions Company

Laser Safety (110 to 120 volt Model Only)

This printer is certified as a Class 1 laser product as defined in IEC 60825-1+A2: 2001 specifications under the U.S. Department of Health and Human Services (DHHS) Radiation Performance Standard according to the Radiation Control for Health and Safety Act of 1968. This means that the printer does not produce hazardous laser radiation. Since radiation emitted inside the printer is completely confined within protective housings and external covers, the laser beam cannot escape from the machine during any phase of user operation.

FDA Regulations (110 to 120 volt Model Only)

The U.S. Food and Drug Administration (FDA) has implemented regulations for laser products manufactured on and after August 2, 1976. Compliance is mandatory for products marketed in the United States. The following label on the back of the printer indicates compliance with the FDA regulations and must be attached to laser products marketed in the United States.

MANUFACTURED:

Brother Technology (Shenzhen) Ltd. NO6 Gold Garden Ind., Nanling Buji, Longgang, Shenzhen, China This product complies with FDA performance standards

for laser products except for deviations pursuant to Laser Notice No.50, dated July 26, 2001.

Caution

Use of controls, adjustments or performance of procedures other than those specified in this manual may result in hazardous invisible radiation exposure.

IEC 60825-1 specification (220 to 240 volt model only)

This printer is a Class 1 laser product as defined in IEC 60825-1+A2: 2001 specifications. The label shown below is attached in countries where it is needed.



This printer has a Class 3B laser diode which produces invisible laser radiation in the laser unit. You should not open the laser unit under any circumstances.

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

For Finland and Sweden

LUOKAN 1 LASERLAITE KLASS 1 LASER APPARAT

Varoitus!

Laitteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

Varning

Om apparaten används på annat sätt än i denna Bruksanvisning specificerats, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass 1.

Internal laser radiation

Maximum radiation power:	25 mW
Wave length:	780 - 800 nm
Laser class:	Class 3B

IMPORTANT - For Your Safety

To ensure safe operation, the supplied three-pin plug must be inserted only into a standard three-pin power outlet that is properly grounded through the normal household wiring.

Extension cords used with this printer must be threepin plug type and correctly wired to provide proper grounding. Incorrectly wired extension cords may cause personal injury and equipment damage. The fact that the equipment operates satisfactorily does not imply that the power is grounded and that the installation is completely safe. For your safety, if in any doubt about the effective grounding of the power, call a qualified electrician.

This product should be connected to an AC power source within the range indicated on the rating label. DO NOT connect it to a DC power source. If you are not sure, contact a qualified electrician.

Maschinenlärminformations- Verordnung 3. GPSGV (For Germany only)

Der höchste Schalldruckpegel beträgt 70 dB(A) oder weniger gemäß EN ISO 7779.

Disconnect device

You must install this printer near a power outlet that is easily accessible. In case of an emergency, you must disconnect the power cord from the power outlet to shut off the power completely.

Caution for LAN connection

Connect this product to a LAN connection that is not subjected to over voltages.

IT power system (For Norway only)

This product is also designed for an IT power system with phase-to-phase voltage 230V.

Wiring information (for UK) Important

If you need to replace the plug fuse, fit a fuse that is approved by ASTA to BS1362 with the same rating as the original fuse.

Always replace the fuse cover. Never use a plug that does not have a cover.

Warning - This printer must be earthed.

The wires in the mains lead are coloured in line with the following code:

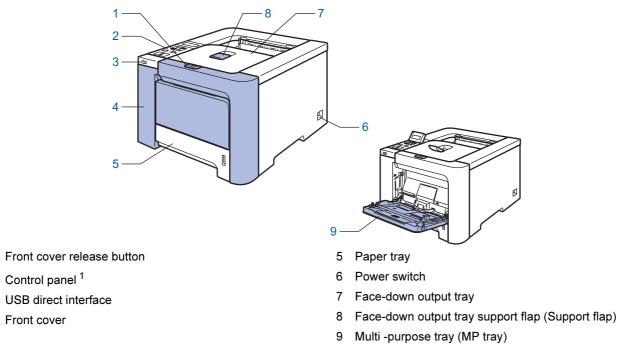
Green and Yellow:	Earth
Blue:	Neutral
Brown:	Live

If in any doubt, call a qualified electrician.

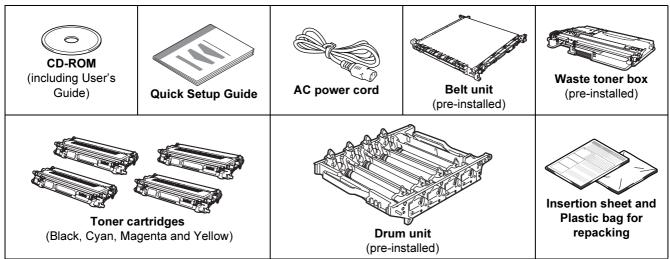


Carton components may vary from one country to another.

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



¹ You can adjust the angle of the LCD display by tilting it up or down.



The interface cable is not a standard accessory. Buy the appropriate cable for the interface you are going to use. ■ USB cable

Do not use a USB interface cable that is longer than 6 feet (2.0 meters).

Do not connect the USB cable to a non-powered hub or a Macintosh[®] keyboard.

Make sure that you connect it to the USB connector of your computer.

Parallel cable

1

2

3

4

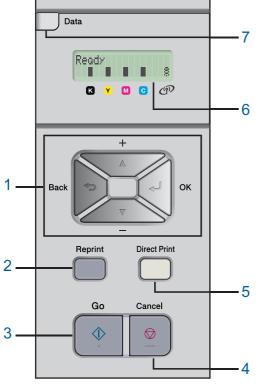
Do not use a parallel interface cable that is longer than 6 feet (2.0 meters).

Use a shielded interface cable that is IEEE 1284-compliant.

Network cable

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

Control panel



1 Menu buttons

+

- Scroll backward through menus and the available options.
 - Scroll forward through menus and the available options.

OK

Choose the control panel menu.

Select the chosen menus and settings.

- Back
- Go back one level in the menu structure.
- 2 Reprint button

Choose the reprint menu.

3 **Go button** Clear error messages.

Pause and continue printing.

4 Cancel button

Stop and cancel the print operation in progress.

Exit from a menu (control panel menu, reprint menu or Direct Print menu)

- 5 Direct Print LED: Blue
 - On
 - USB flash memory is inserted into the USB direct interface. Off

USB flash memory is not inserted into the USB direct interface.

Direct Print button

Switch to Direct Print mode when USB flash memory is inserted into the USB direct interface.

6 LCD back light

- Off
 - The printer is off or in sleep status.
- Green (General) Ready to print / Printing / Warming up
- Red (Error)
- There is a problem with the printer.
- Orange (Setting) Choose a menu (control panel menu, reprint menu or Direct Print menu) or Pause

LCD messages

The message on the LCD shows the current printer status during normal operation.

The \blacksquare marks indicate the status of the toner in the toner cartridges. When the \blacksquare mark blinks (\Box), the indicated toner is nearly empty. When toner becomes empty, the \blacksquare indicator disappears completely.

The ⁸ mark indicates the wireless signal strength with four levels. (• means no signal, • means weak, *

means middle, and [§] means strong.)

- 7 Data LED: Yellow
 - On

Data is in the printer memory.

- Blinking
 - Receiving / processing data
- Off

No remaining data in the memory.



For the control panel details, see Chapter 4 of the User's Guide on the CD-ROM.

Supplied CD-ROM

You can find a variety of information on the CD-ROM.

Windows®





Instructional movie for printer setup.

🧐 Install Printer Driver

Install the printer driver.

install Other Drivers or Utilities

Install optional drivers, utilities and Network management tools.

Documentation

View the Printer 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 User's Guide and Network User's Guide in HTML format will be installed automatically when you install

the driver. Click the Start button, All Programs ¹, your printer (Brother HL-4070CDW), and then User's Guide. If you do not want to install the User's Guide, choose Custom setup from Install Printer Driver, and uncheck User's Guides in HTML format when you install the driver.

Programs for Windows[®] 2000 users

On-Line Registration

Register your product on-line.

Brother Solutions Center

The Brother Solutions Center

(http://solutions.brother.com) is a one-stop resource for all your printer support needs. Download the latest drivers and utilities for your printers, read FAQs and troubleshooting tips, or learn about printer solutions.

Supplies Information

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

Macintosh[®]







Initial Setup

Instructional movie for printer setup.

🗐 Install Printer Driver Install the printer driver.

Documentation

View the Printer User's Guide and Network User's Guide in HTML format. You can also view the User's Guide in PDF format by accessing the Brother Solutions Center.

On-Line Registration

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6 **Supplies Information**

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

Note

For visually impaired users, we have prepared an HTML file on the supplied CD-ROM: readme.html. This file can be read by Screen Reader 'text-to-speech' software.

Setting Up the Machine =P 1 🖪



For Windows[®] users

N Improper Setup

DO NOT connect the interface cable. Connecting the interface cable is done when installing the driver.



1 Turn on your computer. (You must be logged on with Administrator rights.) Put the supplied CD-ROM into your CD-ROM drive. The opening screen will appear automatically. Choose your printer model and the language.



2

Click Initial Setup on the menu screen.



3

You can view the initial setup instructions and follow along with the steps on the next page.



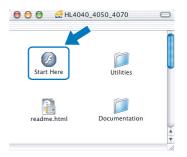
For Macintosh[®] users

S Improper Setup

DO NOT connect the interface cable. Connecting the interface cable is done when installing the driver.



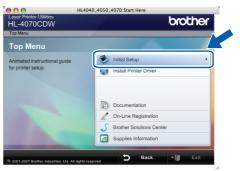
1 Turn on your Macintosh[®]. Put the supplied CD-ROM into your CD-ROM drive, and then double-click the HL4040 4050 4070 icon on your desktop. Double-click the Start Here icon. Follow the on-screen instructions.





2

Click Initial Setup on the menu screen.





You can view the initial setup instructions and follow along with the steps on the next page.

HL4040_4050_4070:start Here	de esta
HL-4070CDW	ner
Top Menu ≫ Initial Setup	
Initial Setup	
1. Remove the packing materials from the printer	•
2. Installing the toner cartridges	
3. Load paper in the paper tray	
4. Print a test page	
5. Setting your language (Default setting is English)	
Initial setup consists of the following steps. After setting up your printer, go back to the Menu and select [Install Printer Driver], then follow the on-screen instructions to inst printer driver.	
© 2001-2007 Brother Industries Ltd. All rights reserved Sack *	Exit

Setting Up the Machine

2 Removing the packing materials from the printer

Important

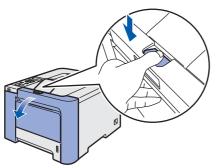
Save all packing material and the carton in case you have to ship your machine.

N Improper Setup

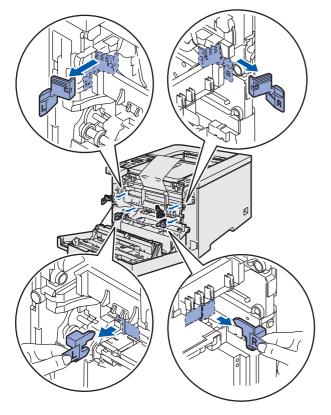
DO NOT plug in the AC power cord yet.



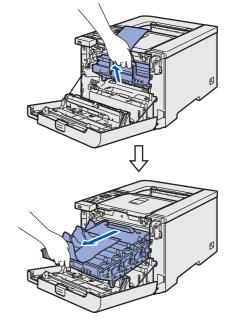
Press the front cover release button and open the front cover.



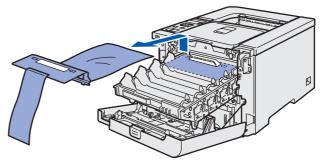
2 Remove the 4 pieces of orange packing material as shown in the illustration below.



3 Hold the green handle of the drum unit. Lift the drum unit up and then pull it out until it stops.



Remove the orange packing material as shown in the illustration below.

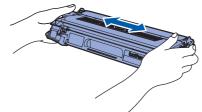


STEP 1 Setting Up the Machine



Installing the toner cartridges

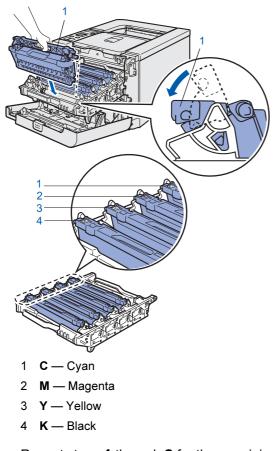
Unpack the toner cartridges and rock each toner cartridge 5 to 6 times.



2 Remove the protective cover.

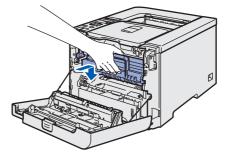


3 Hold the handle of the toner cartridge and slide it into the drum unit. Make sure that you match the toner cartridge color to the same color label on the drum unit, and make sure that you fold down the toner cartridge handle (1) once the toner cartridge is in place.



Repeat steps **1** through **3** for the remaining toner cartridges.

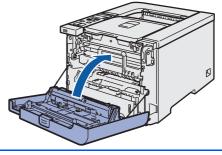
Put the drum unit back into the printer.





5

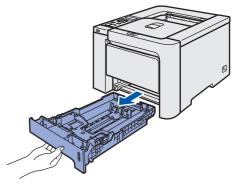
Close the front cover of the printer.



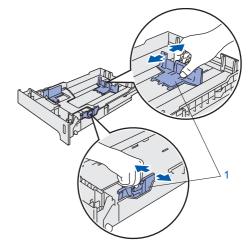
4 Lo

Loading paper in the paper tray



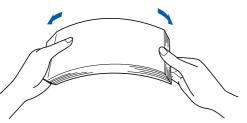


2 While pressing the green paper-guide release lever (1), slide the paper guides to fit the paper size. Make sure that the guides are firmly in the slots.

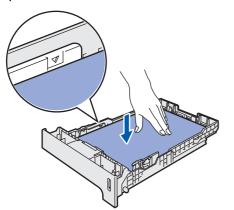


Setting Up the Machine

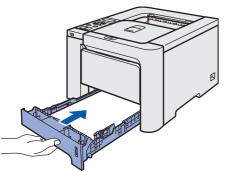
3 Fan the stack of paper well to avoid paper jams and misfeeds.



4 Put paper in the paper tray. Make sure that the paper is flat in the tray and below the maximum paper mark.

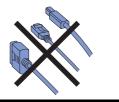


5 Put the paper tray firmly back into the printer. Make sure that it is completely inserted into the printer.

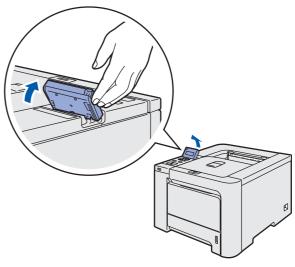


- 5 Printing a test page
- S Improper Setup

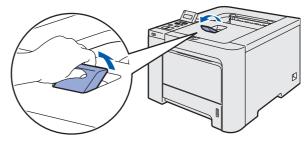
DO NOT connect the interface cable yet.



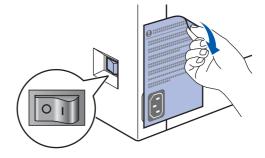
Lift the LCD display and adjust it for the best viewing angle.



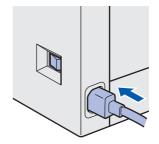
2 Unfold the support flap.



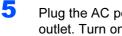
3 Make sure that the printer power switch is off. Remove the label covering the AC power inlet.



Connect the AC power cord to the printer.



Setting Up the Machine EP 1

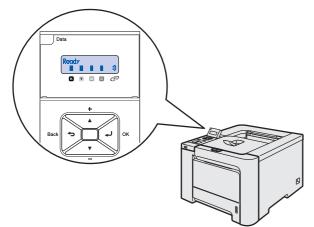


Plug the AC power cord into an AC power outlet. Turn on the printer power switch.

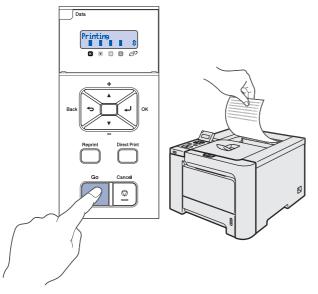




6 After the printer has finished warming up, the LCD shows Ready.



7 Press Go. The printer prints a test page. Check that the test page has printed correctly.



U Note

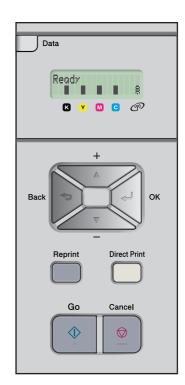
- If you press **Reprint**, the printer prints a duplex test page.
- This function will not be available after the first print job you send from your computer.

6

1

2

Setting your language on the control panel



Press the + or - button until the LCD shows General Setup. Press OK.

Select .	V or	OK
General	Setu	0

Press OK again.

General Setup Local Language

3 Press the + or - button to choose your language. Press OK to accept.

> Local Language English

STEP 2 Installing the Printer Driver

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 <u>http://solutions.brother.com.</u>

Windows®	
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For wired network interface cable users	41
For wireless network users	43

For USB interface cable users

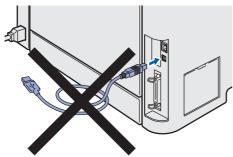
Note

If the **Found New Hardware Wizard** appears on your computer, click **Cancel**.

Found New Hardware Wiz	ard
	Welcome to the Found New Hardware Wizard
	This wizard helps you install software for:
	Brother HL-4070CDW series
	If your hardware came with an installation CD or floppy disk, inset it now.
	What do you want the wizard to do?
	Install the software automatically (Recommended) Install from a list or gpecific location (Advanced)
	Click Next to continue.
	<back next=""> Cancel</back>

Installing the driver and connecting the printer to your computer

1 Make sure the USB interface cable is **NOT** connected to the printer, and then begin installing the driver. If you have already connected the cable, remove it.



2 Click Install Printer Driver on the menu screen.

iser Printer Utilities L-4070CDW	brother	
op Menu		
Гор Menu		
istall the printer driver after	Initial Setun	
he initial setup phase is complete.	Install Printer Driver for U.S.A./ Canada / Latin America	
	1 for Europe / Asia / Oceania / Others	
	Install Other Drivers or Utilities	
	Documentation	
	🖉 On-Line Registration	
	S Brother Solutions Center	
	Supplies Information	

🖉 Note

Choose the **Install Printer Driver** icon for your region.

Click USB cable users.



🖉 Note

3

• For Windows Vista™, when the User Account Control screen appears, click **Continue**.

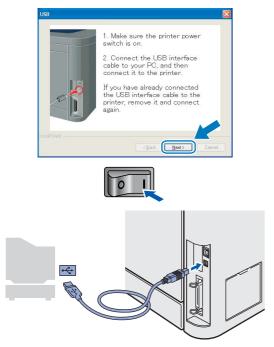
💔 A pro	ogram needs your permission to continue
If you starte	d this program, continue.
S	Setup.exe InstallShield Software Corporation
Details	Continue

- If you want to install the PS driver (Brother's BR-Script Driver), choose Custom setup and then follow the on-screen instructions. When the Select Components screen appears, check PS(PostScript Emulation) Driver, and then continue following the on-screen instructions.
- When the License Agreement window appears, click Yes if you agree to the License Agreement.

cense Agreement		Allen V
Please read the following license	agreement carefully.	
Press the PAGE DOWN key to s	uee the rest of the agreement.	
CAREFULLY: This End-User Lic you and Brother Industries, Ltd. software that will be installed if y ("SOFTWARE"). By pressing "	x Brother Software IMPORTANT - 1 cense Agreement ("EULA") is a leg ("Brother"), which governes your us you press the "Yes" button on this Yes 'en you agree to be legally boun yes terms of this EULA, you obtain n u may not use the SOFTWARE.	al agreement between se of the Brother Dialog Box d by the terms of this
Terms and Conditions.		

Installing the Printer Driver

5 When this screen appears, make sure the printer power switch is on. Connect the USB interface cable to your computer, and then connect it to the printer. Click **Next**.



6 c

Click Finish.

rother Printer Driver Installation	
Setup Complete	
Driver installation is finished	
Select the actions to perform when Setup finishes.	
On-Line Registration	
(This service may not be available in all countries.)	
Set as Default Printer	
K Back	nish

Note

- If you want to register your product on-line, check **On-Line Registration**.
- If you do not want to set your printer as Default printer, uncheck Set as Default Printer.



Setup is now complete.

For parallel interface cable users

Note

If the **Found New Hardware Wizard** appears on your computer, click **Cancel**.



Installing the driver and connecting the printer to your computer

- 1 (
 - Click Install Printer Driver on the menu screen.

HL-4070CDW	brother
Fop Menu	
Top Menu	
nstall the printer driver after	Initial Setur
he initial setup phase is complete.	Install Printer Driver
	for Europe / Asia / Oceania / Others
	install Other Drivers or Utilities
	Documentation
	2 On-Line Registration
	5 Brother Solutions Center
	Supplies Information

🖉 Note

Choose the **Install Printer Driver** icon for your region.



Click Parallel cable users.



Note

3

• For Windows Vista™, when the User Account Control screen appears, click **Continue**.

🚺 A pri		
If you starte	ed this program, continue.	
2	Setup.exe InstallShield Software Corporation	
Details	Continue	Cancel

- If you want to install the PS driver (Brother's BR-Script Driver), choose Custom setup and then follow the on-screen instructions. When the Select Components screen appears, check PS(PostScript Emulation) Driver, and then continue following the on-screen instructions.
 - When the License Agreement window appears, click **Yes** if you agree to the License Agreement.

icense Agreement		100
Please read the following license ag	greement carefully.	100 million
Press the PAGE DOWN key to see	the rest of the agreement.	
CAREFULLY: This End-User Licen you and Brother Industries, Ltd. ("B software that will be installed if you ("SOFTWARE"). By pressing "Yes	rother Software IMPORTANT- PLEASE REA se Agreement ("EULA") is a legal agreement inother", which governs your use of the Broth press the "Yes" button on this Dialog Box ", you agree to be legally bound by the term ems of this EULA, you obtain no license to th ray not use the SOFTWARE.	between 📥 er s of this
Terms and Conditions.		~

Click Finish.

ietup Complete		
Driver installation is finished		
Select the actions to perform when	Setup finishes.	
🔲 On-Line Registration		
(This service may not be availa	ble in all countries.)	
Set as Default Printer		
	k Back	nsh

🖉 Note

5

- If you want to register your product on-line, check **On-Line Registration**.
- If you do not want to set your printer as Default printer, uncheck Set as Default Printer.

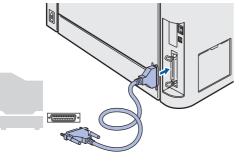
Turn off the printer power switch.



Installing the Printer Driver

Windows®

6 Connect the parallel interface cable to your computer, and then connect it to your printer.



7 Turn on the printer power switch.





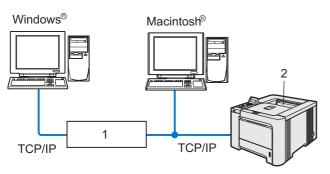
Setup is now complete.

Windows[®] Parallel

FEP 2 Installing the Printer Driver

For wired network interface cable users

For Peer-to-Peer network printer users



- 1 Router
- 2 Network printer

🖉 Note

- If you are going to connect the printer to your network, we recommend that you contact your system administrator prior to installation or see the Network User's Guide on the CD-ROM.
- If you are using Personal Firewall software (e.g. Windows Firewall), disable it. Once you are sure that you can print, restart your Personal Firewall software.

Connecting the printer to your network and installing the driver

 Click Install Printer Driver on the menu screen.



🖉 Note

Choose the **Install Printer Driver** icon for your region.

Click Network cable users.



🖉 Note

2

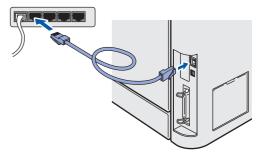
• For Windows Vista[™], when the User Account Control screen appears, click **Continue**.

💔 A pro	ogram needs your permission to continue
If you starte	d this program, continue.
E	Setup.exe InstallShield Software Corporation
Details	Continue

- If you want to install the PS driver (Brother's BR-Script Driver), choose Custom setup and then follow the on-screen instructions. When the Select Components screen appears, check PS(PostScript Emulation) Driver, and then continue following the on-screen instructions.
- **3** Turn off the printer power switch.



Connect the network interface cable to the printer, and then connect it to a free port on your hub.



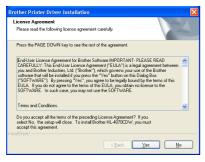
Turn on the printer power switch.

5



Installing the Printer Driver

6 When the License Agreement window appears, click Yes if you agree to the License Agreement.



7

Choose Brother Peer-to-Peer Network Printer, and then click Next.

Brother Printer Driver Installation	
Select Connection	13
Select the appropriate connection method.	
Brother Peer-to-Peer Network Printer Print directly to the printer over the network.	
Network Shared Printer All Jobs are sent to queue on a central server.	
< <u>B</u> ack	Cancel

8 Choose Search the network for devices and choose from a list of discovered devices (Recommended). Or enter your printer's IP address or its node name. Click Next.

Select Printer	24
Choose how you will locate	your Brother machine on the network?
(Recommended)	devices and choose from a list of discovered devices
O Specify your machine b	y address (Advanced Users)
O Specify your machine b	y name (Advanced Users)
Node Name	

🖉 Note

Contact your administrator if you do not know the printer's IP address or node name.



Choose your printer, and then click Next.

	opriate network print	ut.	
BRN	10.	Brother HL-4070CDW series	
٢			>
LPR	ode Name		Contigure IP

10 Click Finish.



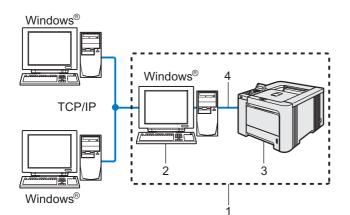
🖉 Note

- If you want to register your product on-line, check On-Line Registration.
- If you do not want to set your printer as Default printer, uncheck Set as Default Printer.



Setup is now complete.

For shared network printer users



- 1 Network Shared
- 2 Also known as "Server" or "Printer server"
- 3 Printer
 - 4 TCP/IP, USB or Parallel

🖉 Note

If you are going to connect to a shared printer on your network, we recommend that you ask your system administrator about the queue or share name for the printer prior to installation.

Installing the driver and choosing the correct printer queue or share name

1 Click Install Printer Driver on the menu screen.



🖉 Note

Choose the **Install Printer Driver** icon for your region.

Click Network cable users.



🖉 Note

Δ

2

• For Windows Vista[™], when the User Account Control screen appears, click **Continue**.

🕐 A pr			
If you starte	d this program, contin	ue.	
Z	Setup.exe InstallShield Softwar	re Corporation	
Details		Continue	Cancel

- If you want to install the PS driver (Brother's BR-Script Driver), choose Custom setup and then follow the on-screen instructions. When the Select Components screen appears, check PS(PostScript Emulation) Driver, and then continue following the on-screen instructions.
- **3** When the License Agreement window appears, click **Yes** if you agree to the License Agreement.

Brother Printer Driver Installation	×
License Agreement Please read the following license agreement carefully.	
Press the PAGE DOWN key to see the rest of the agreement.	
End Use Learne Agreement to Bother Schward MPORTANT-PLASE FEAD CARFELUXT-Bis Child ve Learne Agreement ("ELUX") a logid agreement between you and Stother Industries, Lud ("Bother"), which govern your use of the Bother schware that will be entabled you purches the "Ne" build on this Dubug Bos ("SUTFWARE") be presence "Yes", you agree to be leaguly bound by the term of this EULX. II you don agree to the term of the EULX, you don't not kenne to the SUTFWARE. In such case, you may not use the SUTFWARE.	
Terms and Conditions.	~
Do you accept all the terms of the preceding License Agreement? If you select No. The setup-will close. To instal Brother HL-4070CDW, you must accept this genered.	

Choose **Network Shared Printer**, and then click **Next**.

rother Printer Driver Installation Select Connection	
Select the appropriate connection method.	
Brother Peer-to-Peer Network Printer Print directly to the printer over the network.	
ONetwork Shared Printed Al Jobs are sent to queue on a central server.	
K Back	xt> Cancel





Choose your printer's queue, and then click **OK**.

Browse for Printer	Browse for Printer	X
etwork. Neighborhood	● 표 AECD0031 ▲ HLX56N ▲ HLX56N ▲ HLX56N ★ EL5600 ★ EL5600 ★ EL60003 ★ EL60003	
OK Cancel	OK Cancel	

Note

Contact your administrator if you do not know the location or the name of the printer in the network.



Click Finish.

Brother Printer Driver Installation	
Setup Complete	
Driver installation is finished	
Select the actions to perform when Setup finishes.	
On-Line Registration	
(This service may not be available in all countries.)	
Set as Default Printer	
- Bask	
< Back	

Note

- If you want to register your product on-line, check **On-Line Registration**.
- If you do not want to set your printer as Default printer, uncheck Set as Default Printer.



Setup is now complete.

Vindows[®] Wired Network

For wireless network users

Connect your wireless printer and wireless network together: install the printer driver in infrastructure mode

First you must configure the wireless network settings of your printer to communicate with your network access point (router). After the printer is configured to communicate with your access point (router) computers on your network will have access to the printer. To use the printer from these computers, you will need to install the printer driver. The following steps will guide you through the configuration and installation process. To achieve optimum results with normal everyday document printing, place the Brother printer 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. Due to these factors, wireless may not be the best method of connection for all types of documents and applications. If you are printing large files, such as photos or multi-page documents with mixed text and large graphics, you may want to consider choosing wired Ethernet for a faster data transfer, or USB for the fastest throughput speed.

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™ follow the steps Using the SecureEasySetup™ software to configure your printer for a wireless network on page 26. If your wireless router/access point does not support SecureEasySetup™ follow the steps Configuration in Infrastructure mode, using a wireless computer on page 34 or Configuration in Infrastructure mode, using a network cable temporarily on page 49. To set up your machine in any other wireless environment you can find instructions in the Network User's Guide on the CD-ROM.

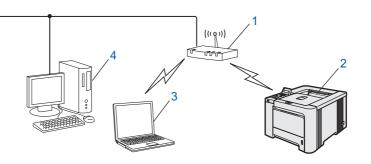
You can view the Network User's Guide by following the instructions below.

- 1 Turn on your computer. Insert the Brother CD-ROM into your CD-ROM drive.
- 2 Choose your printer model and the language. The CD-ROM main menu will appear.
- 3 Click the **Documentation**, and then click **HTML documents**.

🖉 Note

- If you are going to connect the printer to your network, we recommend that you contact your system administrator prior to installation.
- If you are using Personal Firewall software (e.g. Windows Firewall), disable it. Once you are sure that you can print, restart your Personal Firewall software.
- Windows[®] XP Professional x64 Edition supports wireless network connection between the Brother printer and an access point only.

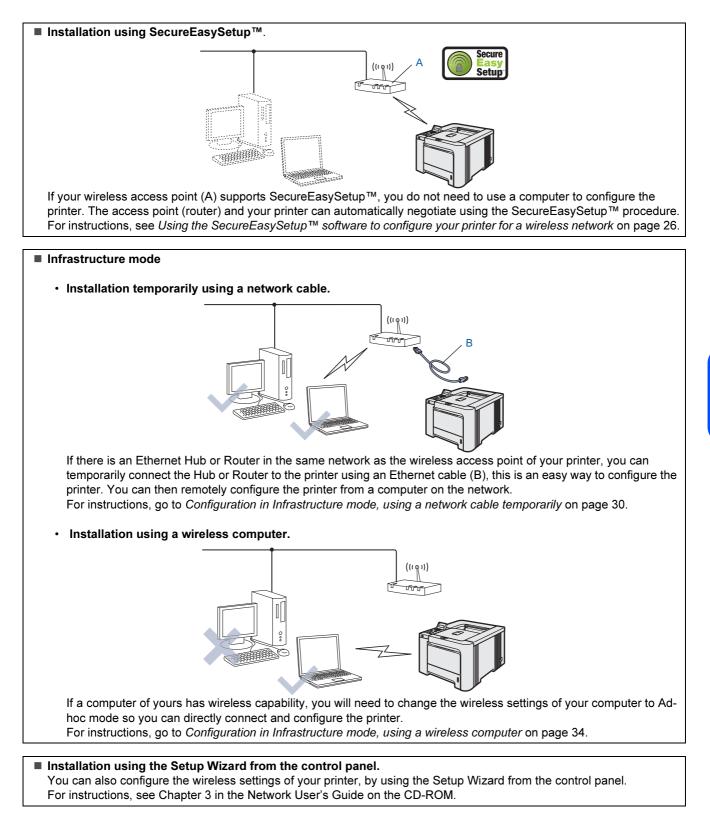
Infrastructure Mode



- 1 Access Point
- 2 Wireless Network printer
- 3 Wireless capable computer connected to the access point
- 4 Wired computer connected to the access point

Confirm your network environment

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



25

TEP 2 Installing the Printer Driver

Using the SecureEasySetup[™] software to configure your printer for a wireless network

The SecureEasySetup[™] software of Broadcom Corporation is an easy way to configure your Brother device to your wireless network settings. 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[™]. See the user's guide for your wireless LAN router or access point for instructions to configure your printer for a wireless network.



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



Windows[®] Wireless Network

1 Make sure that the printer power switch is on.





🖉 Note

2

Choose the **Install Printer Driver** icon for your region.

3

Click Wireless Network users.



🖉 Note

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

User Account Control	X
An unidentified program wants access to your comp	uter
Don't run the program unless you know where it's from or you've used it before.	
Inst32.exe Unidentified Publisher	
Cancel I don't know where this program is from or what it's for.	
Allow I trust this program. I know where it's from or I've used it before.]
User Account Control helps stop unauthorized changes to your computer.	

- If you want to install the PS driver (Brother's BR-Script Driver), choose Custom setup and then follow the on-screen instructions. When the Select Components screen appears, check PS(PostScript Emulation) Driver, and then continue following the on-screen instructions.
- Choose Wireless Setup and Driver Install, and then click Next.

Wireless Installation Type	(((CP))
Chose the type of wireless installation appropriate to you.	
O Driver Install Only	
For those who have already configured the device to wor not installed any drivers.	k in a wireless network, but have
Nireless Setup and Driver Install	
For those who have just purchased this device and have changed any of the wireless settings of the device.	not installed any drivers or

5 Read the **Important Notice** and check the box after you confirm this setting, and then click **Next**.

Wireless Device Setup Wizard	
Important Notice	(((@))
Please confirm the setting below before clicking "Next".	
Please make sure that your machine's WLAN (Wireless LAN) set On the control panel of the machine press any of the Menu buttor select "LAN"> "WLAN"> "WLAN Enable"> "On".	ting is enabled. is (+, -, OK or, Back) and
For detailed information refer to the "Quick Setup Guide" supplied	with the machine.
Checked and confirmed	
(Back	Next> Cancel

6

7

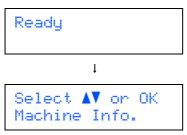
Choose I'd like to use the SecureEasySetup™ function of my access point to configure my wireless device. and click Next.

Wireless Device Setup Wizard		
Setting Up Wireless	((((OP))
How do you wish to configure your computer and the wirele	iss device settings?	
Manual This selection will guide you through the wireless inst: Old like to use the SecureEasySetup ^{mk} function of my access point to configure my wireless device.		
Help C Back	Next > Cancel	כ

Confirm the on-screen message and click **Next**.



- 8 Refer to the instruction manual that came with your access point to use the SecureEasySetup™ mode of your access point.
- 9 Put the printer in SecureEasySetup[™] mode using the control panel.
 - 1 Press any of the Menu buttons (+, -, **OK** or **Back**) to take the printer off-line.



2 Press the + or - button to select LAN.



3 Press **OK** to move to the next menu level.

LAN Wired

4 Press the + or - button to select WLAN.

LAN	
WLAN	

5 Press OK to move to the next menu level.

WLAN TCP∕IP

6 Press the + or - button to select Setup WLAN.



7 Press **OK** to move to the next level.

Setup WLAN Setup Wizard

8 Press the + or - button to select SecureEasySetup.

Setup WLAN SecureEasySetup

9 Press OK. If the following message appears, press OK again.

WLAN Enable? On

🖉 Note

The message above only appears when the wireless setting is disabled.

10 The wireless network connection status using the SecureEasySetup™ software will be displayed on the control panel; Connecting WLAN, Connected or Connection NG.

Connecting WLAN is displayed when the print server is trying to make connections to your router or access point. Wait till either Connected or Connection NG is displayed. Connected is displayed when the print server is successfully connected to your router or access point. You can now use your printer in a wireless network. Connection NG is displayed when the print server has not successfully connected to your router or access point. Try starting from **2** again. If the same message is displayed again, reset the print server back to the default factory settings and try again.

P 2 Installing the Printer Driver





11 Check the box after you confirm that you have completed the wireless settings, and then click Next.

Wireless Device Setup Wizard	
Important Notice	(((জে
Before the Printer driver installation starts.	
Before the installation starts, please make sure that you h Click "Hext" to continue the installation.	ave completed the wireless setup.
< Back	Next> Cancel

Windows[®] Wireless Network

Installing the printer driver

N Improper Setup

- DO NOT try to cancel any of the screens during this installation.
- If your wireless settings fail, and error message will appear during the installation of printer driver and the installation will be terminated. If you encounter this failure, please go to step **2** and setup the wireless connection again.
- **12** The driver installation starts. When the License Agreement window appears, click **Yes** if you agree to the License Agreement.

icense Agreement	and the second s
Please read the following license	e agreement carefully.
Press the PAGE DOWN key to s	see the rest of the agreement.
CAREFULLY: This End-User Lic you and Brother Industries, Ltd. I software that will be installed if y ("SOFTWARE"). By pressing "	r Brother Software IMPORTANT-PLEASE READ ernse Agreement ("EULA") is a legal agreement between "Brother", which governs your use of the Brother ou press the "Yes" button on this Dialog Box Yes", you agree to be legally bound by the terms of this
EULA. If you do not agree to th SOFTWARE. In such case, you	e terms of this EULA, you obtain no license to the
EULA. If you do not agree to th SOFTWARE. In such case, you Terms and Conditions.	e terms of this EULA, you obtain no license to the
SOFTWARE. In such case, you Terms and Conditions. Do you accept all the terms of the	e terms of this EULA, you obtain no license to the

13 Choose Standard Installation, and then click Next.

Select Components	
Select the method of Installation	
Standard Installation	
Custom Installation	
	< Back Next > Cancel

 Choose Search the network for devices and choose from a list of discovered devices (Recommended). Or enter your printer's IP address or its node name. Click Next.

Choose how you will locate your Brother machine on the network? Search the network for devices and choose from a list of discovered devices Precommended Produces Produces Advanced Users Node Name	lect Printer	
(Recommended) Specily your machine by address (Advanced Users) IP Address O Specily your machine by name (Advanced Users)	Choose how you will locate yo	ur Brother machine on the network?
Recommended Specily your machine by address (Advanced Users) IP Address O Specily your machine by name (Advanced Users)		
IP Address I IP Ad	 Search the network for de (Recommended) 	vices and choose from a list of discovered devices
IP Address	O Specifu your machine bu a	address (Advanced Joers)
O Specify your machine by name (Advanced Users)		
	IP Address	
Node Name	O Specify your machine by n	name (Advanced Users)
	Node Name	

🖉 Note

Contact your administrator if you do not know the printer's IP address or node name.

15 Choose your printer, and then click **Next**.

elect Printer Select the app	ropriate network printe	c	
N. J. N	N.J. 131	BAR No.	1 Country
BRW	10.	Brother HL-4070CDW	series
LPR	lode Name		<u>C</u> onfigure IP
			Befresh

🖉 Note

If your printer takes a long time (about 1 minute) to appear on the list, click **Refresh**.

Installing the Printer Driver

Windows®





🖉 Note

- If you want to register your product on-line, check **On-Line Registration**.
- If you do not want to set your printer as Default printer, uncheck Set as Default Printer.
- Turn your Personal Firewall back on.



Setup is now complete.

Windows[®] Wireless Network

Configuration in Infrastructure mode, using a network cable temporarily

Before configuring the wireless settings

Important

If you have previously configured the wireless settings of the printer, you must reset the print server back to the default factory settings (see page 61) and enable the WLAN setting from the control panel. See *Enabling the wireless network using the control panel* on this page.

Enabling the wireless network using the control panel

1 Make sure that the printer power switch is on.



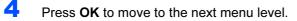


Press any of the Menu buttons (+, -, OK or Back) to take the printer off-line.

Ready	
Ļ	
Select ▲▼ or OK Machine Info.	

3 Press the + or - button to select LAN.

Select **▲▼** or OK LAN



LAN Wired

5 Press the + or - button to select WLAN.

LAN WLAN

6 Press **OK** to move to select the next level.

WLAN TCP∕IP

Press the + or - button to select WLAN Enable.



Bress **OK** to move to select the next level.

WLAN Enable Off

9 Press the + or - button to select On.

WLAN Enable On

10 Press OK.

 $\ensuremath{\texttt{Accepted}}$ appears on the second line of the LCD.

WLAN Enable Accepted



The WLAN setting is enable.

Configure the wireless settings

1

Click Install Printer Driver.



🖉 Note

Choose the **Install Printer Driver** icon for your region.



HL-4070CDW	brother
nstall Printer Driver	
	USB cable users
	Parallel cable users
7-47	Network cable users
Windows 2000/ XP/ XP Professional x64 Edition/ Server 1003 users only.)	Wireless Network users
	Custom setup
	Mat Ci

7

Installing the Printer Driver

Note

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



- If you want to install the PS driver (Brother's BR-Script Driver), choose Custom setup and then follow the on-screen instructions. When the Select Components screen appears, check PS(PostScript Emulation) Driver, and then continue following the on-screen instructions.
- 3 Choose Wireless Setup and Driver Install, and then click Next.

Wireless Device Setup Wizard	
Wireless Installation Type	(((())))
Chose the type of wireless installation appropriate to you.	
 Driver Install Only For those who have already configured the device to work in not installed any drivers. 	a wireless network, but have
Wireless Setup and Driver Install For those who have just purchased this device and have not changed any of the wireless settings of the device.	installed any drivers or
 Wireless Setup Only For those who want to configure the wireless settings of the install any drivers. 	device and do yot
Help	Nest> Cancel

4 Read the Important Notice and check the box after you confirm this setting, and then click Next.



5 Choose Manual and then click Next.



6 Choose I'm able to temporarily connect my device to my access point with a network cable and then click Next.



For configuration, you must temporarily connect your Brother wireless device (your printer) directly to a free port on your access point, hub or router using a network cable. When the following screen appears, insert the network cable to the access point and then to the printer. Click **Next**.

Wireless Device Setup Wizard
Connecting Your Device and Access Point
Please connect your access point to the device using a standard network cable and click "Next".
don't here a network cable.
Cancel

8

7

Choose the printer you wish to configure, and click **Next**. If the list is blank, check if the access point and the printer are powered on, and then click **Refresh**.



🖉 Note

The default Node name is "BRNXXXXX" for the users that temporarily connect with a network cable, or "BRWXXXXX" for the users that connect without a network cable (where "XXXXX" are the last six digits of Ethernet address).

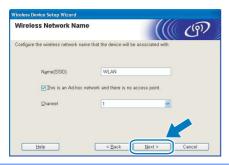
The wizard will search for wireless networks available from your printer. Choose the access point you wish to associate the printer with, and then click **Next**.

Writeless Device Store Witchess Variable Wireless Networks Choose the access point or Ad-hoc network that the Device will be associated with. Name (SSD) Choose the access point or Ad-hoc network frame (SSD) Wireless Mode Signal If the arcticle of the access point or Ad-hoc network frame doesn't preser it's the "Ad-hoc Base Station" Hetwork If the access point or Ad-hoc network frame doesn't appear it's the "Ad-do button to manually specify the network rung Hetwork Hetwork Hetwork Hetwork

🖉 Note

9

- "SETUP" is the default SSID of the printer. Do not choose this SSID.
- If the list is blank, check that the access point has power and is broadcasting the SSID, and then see if the printer and the access point are within range for wireless communication. Then, click **Refresh**.
- If your access point is set to not broadcast the SSID you can manually add it by clicking the Add button. Follow the on-screen instructions for entering the Name (SSID) and the Channel number.



10 If your network is not configured for Authentication and Encryption, the following screen will appear. To continue configuration, click **OK** and go to **12**.

Wireless Device Setup Wizard	
Name (SSID) : WLAN	
This Wireless Network is not secure. It is not using secure authentication and encryption. Do you want to confluence.	
OK Cancel	

11 If your network is configured for Authentication and Encryption, the following screen will appear. When configuring your Brother wireless printer, you must ensure that it is configured to match the Authentication and Encryption settings of your existing wireless network. Choose the **Authentication Method** and **Encryption Mode** from the pull-downs in each setting box. Then enter the **Network key** and click **Next**.

cryption mode
HELLO
Open System
WEP
•••••
•••••

🖉 Note

- If you want to setup more than WEP key1, click Advanced.
- If you do not know the Authentication or Encryption settings for network, contact your network administrator.
- 12 Click Next. The settings will be sent to your printer. The settings will remain unchanged if you click Cancel.

o submit following sett	ngs to the device	
et Device =	BRN123456	
ddress	Auto	Change IP Address
munication mode	Infrastructure	
e (SSID)	HELLO	
entication Method	Open System	
yption Mode	WEP	
	et Device = ddress munication mode le (SSID) entrication Method yption Mode	ddress Auto munication mode Infrastructure le (SSID) HELLO entication Method Open System

🖉 Note

- If you want to manually enter the IP address settings of your printer, click **Change IP Address** and enter the necessary IP address settings for your network.
- The control panel settings will be automatically changed to *WLAN* when the wireless settings are sent to your printer.

13 Disconnect the network cable between your access point (hub or router) and the printer, and click **Next**.

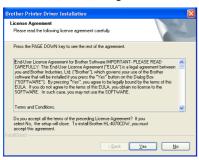


Installing the printer driver

S Improper Setup

- DO NOT try to cancel any of the screens during this installation.
- If your wireless settings fail, and error message will appear during the installation of the printer driver and the installation will be terminated. If you encounter this failure, please go to step **1** and setup the wireless connection again.

4 The driver installation starts. When the License Agreement window appears, click **Yes** if you agree to the License Agreement.



15 Choose **Standard Installation**, and then click **Next**.



 Choose Search the network for devices and choose from a list of discovered devices (Recommended). Or enter your printer's IP address or its node name. Click Next.

ther Printer Driver Insta elect Printer	lation
Choose how you will locate you	ar Brother machine on the network?
 Search the network for dev (Recommended) 	vices and choose from a list of discovered devices
O Specify your machine by a	ddress (Advanced Users)
IP Address	
O Specify your machine by n	ame (Advanced Users)
Node Name	
	<back next=""> Cancel</back>

🖉 Note

Contact your administrator if you do not know the printer's IP address or node name.

17 Choose your printer, and then click **Next**.

elect Printer Select the app	propriate network printe	Б.		4
BRW	10.	Brother HL-4070CDW		_^^
/				~
•				-
LPR			<u>C</u> onfigure IP	
🗹 Set by I	Node Name		Befresh	

🖉 Note

If your printer takes a long time (about 1 minute) to appear on the list, click **Refresh**.

18 Click Finish.



🖉 Note

- If you want to register your product on-line, check **On-Line Registration**.
- If you do not want to set your printer as Default printer, uncheck Set as Default Printer.
- Turn your Personal Firewall back on.



Setup is now complete.

Configuration in Infrastructure mode, using a wireless computer

Before configuring the wireless settings

Important

If you have previously configured the wireless settings of the printer, you must reset the print server back to the default factory settings (see page 61) and enable the WLAN setting from the control panel. See *Enabling the wireless network using the control panel* on this page.

Enabling the wireless network using the control panel

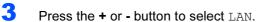
1 Make sure that the printer power switch is on.



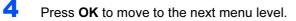


Press any of the Menu buttons (+, -, OK or Back) to take the printer off-line.

Ready	
Ļ	
Select AV or OK Machine Info.	



Select ▲♥ or OK LAN



LAN Wired

5 Press the + or - button to select WLAN.

LAN WLAN

6 Press **OK** to move to select the next level.

WLAN TCP∕IP

Press the + or - button to select WLAN Enable.



Press **OK** to move to select the next level.

WLAN Enable Off

9 Press the + or - button to select On.

WLAN Enable On

10 Press OK.

 $\ensuremath{\texttt{Accepted}}$ appears on the second line of the LCD.

WLAN Enable Accepted



The WLAN setting is enable.

Configure the wireless settings

1





🖉 Note

Choose the **Install Printer Driver** icon for your region.

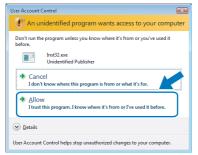


aser Printer Utilities HL-4070CDW	brother
Top Menu » Install Printer Driver	
Install Printer Driver	
	USB cable users
	Parallel cable users
	Network cable users
(Windows 2000/ XP/ XP Professional x64 Edition/ Server 2003 users only.)	Wireless Network users
	Custom setup
	Custom setup

7

Note

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



- If you want to install the PS driver (Brother's BR-Script Driver), choose Custom setup and then follow the on-screen instructions. When the Select Components screen appears, check PS(PostScript Emulation) Driver, and then continue following the on-screen instructions.
- 3 Choose Wireless Setup and Driver Install, and then click Next.

Wireless Device Setup Wizard	
Wireless Installation Type	(((())))
Chose the type of wireless installation appropriate to you.	
O Driver Install Only For those who have already configured the device to work in not installed any drivers.	a wireless network, but have
Wireless Setup and Driver Install For those who have just purchased this device and have not changed any of the wireless settings of the device.	installed any drivers or
OWireless Setup Only For those who want to configure the wireless settings of the install any drivers.	device and do vot
Help	Next > Cancel

4 Read the Important Notice and check the box after you confirm this setting, and then click Next.



5 Choose Manual and then click Next.



6 Choose I'm not able to connect my device to my access point with a network cable and then click Next.



7

8

If you choose **This computer has wireless capability.**, check **I am using an access point in infrastructure mode**, and then click **Next**. Go to **9**.



If you are using a wired computer, choose **This computer uses a network cable to connect to the wireless network.**, you must configure the wireless settings from the control panel. Click **Next** and see chapter 3 in the Network User's Guide on the CD-ROM.

If you have already completed the wireless settings, click **Next** and go to **8**.



Check the box after you confirm that you have completed the wireless settings, and then click **Next**. Go to *Installing the printer driver* on page 38.





You need to temporarily change your computer's wireless settings. Follow the onscreen instructions. Make sure you take notes on all the settings such as SSID or channel of your computer. You will need them to return your computer back to its original wireless settings, and then click **Next**.

Changing the Computer's Wir Settings	eless
To manually configure the wireless device fro current wireless settings of this computer.	m this computer, you must temporarily change t
Before continuing, please make a note of the In particular, please note the following:	current wireless network settings.
Communication Mode (Infrastructure Channel(1-14) (d'applicable) Network Name (SSID / ESSID) Authentication Method (Open Systen Encryption Mode (None / WEP / Oth Encryption Key	n / Shared Key)
Please contact your network administrator or information.	r refer to your computer's user's guide for more
Click "Next" to continue.	
	< Back Next > Cancel

Item	Record the current wireless computer settings
Communication mode: (Infrastructure / Ad-hoc)	
Channel: (1-14)	
Network name: (SSID / ESSID)	
Authentication method: (Open system / Shared key / WPA/WPA2-PSK / LEAP)	
Encryption: (None / WEP / WPA / TKIP / AES/ CKIP)	
Encryption key:	

To communicate with the un-configured wireless printer, temporarily change the wireless settings on your computer to match printer's default settings shown on this screen. Check the box after you confirm these settings, and then click **Next**.



🖉 Note

 If a message to restart your computer appears after the wireless settings have been changed, restart your computer and then go back to step 1 and continue with the install skipping steps 9 and 10.

- For Windows Vista[™] users: You can temporarily change the wireless settings on your computer, following the steps below:
 - 1 Click Start and then Control Panel.
 - 2 Click Network and Internet and then Network and Sharing Center icon.
 - 3 Click Connect to a network.
 - 4 You can see the SSID of the wireless printer in the list. Select **SETUP** and click **Connect**.
 - 5 Click Connect Anyway and then Close.
 - 6 Click View status of Wireless Network Connection (SETUP).
 - 7 Click **Details...** and check the **Network Connection Details**. It may take a few minutes to change from 0.0.0.0 to 169.254.x.x IP address to be shown on screen (where x.x. are numbers between 1 and 254).
- For Windows[®] XP SP2 users: You can temporarily change the wireless settings on your computer, following the steps below:
 - 1 Click Start and then Control Panel.
 - 2 Click Network and Internet Connections icon.
 - 3 Click Network Connections icon.
 - 4 Select and right click Wireless Network Connection. Click View Available Wireless Networks.
 - 5 You can see the SSID of the wireless printer in the list. Select **SETUP** and click **Connect**.
 - 6 Check the Wireless Network Connection status. It may take a few minutes to change from 0.0.0.0 to 169.254.x.x IP address to be shown on screen (where x.x. are numbers between 1 and 254).
- 11 Choose the printer you wish to configure, and click **Next**. If the list is blank, check if the access point and the printer are powered on, and then click **Refresh**.

valiable v	vireless De	evices		((() (9))
	/ireless Device · e you wish to co	was found. Infigure and click '	"Next".	
Nodo Nomo	ID Address	MAC Address	Drintor Nomo	Lanation
BRN123456	192.168.1.2	008077123456	HL-4070CDW series	1F
BRN345678	192.168.1.4	008077345678	HL-4070CDW series	3F
Refresh	tant Notice:			
		irewall and click th	e running a personal fir ne Refresh button to re	

9

Note

The default Node name is "BRNXXXXX" for the users that temporarily connect with a network cable, or "BRWXXXXX" for the users that connect without a network cable (where "XXXXX" are the last six digits of Ethernet address).

12 The wizard will search for wireless networks available from your printer. Choose the access point you wish to associate the printer with, and then click **Next**.

ailable Wirele	ss Networ	ks	100
ose the access poin	or Ad-hoc netw	vork that the Device will be ass	sociated with.
Name (SSID)	Channel	Wireless Mode	Signal
DITTS DAME	4	800 11h/a /11Mhne/EilMhne	
	6	802.11b (11Mbps)	
<u>R</u> efresh		Access Point / Base Station	Ad-hoc Network
		oint or Ad-hoc network name d	
Add	the "Add" butto	n to manually specify the netv	OTK N/ TP

🖉 Note

- "SETUP" is the default SSID of the printer. Do not choose this SSID.
- If the list is blank, check that the access point has power and is broadcasting the SSID, and then see if the printer and the access point are within range for wireless communication. Then, click **Refresh**.
- If your access point is set to not broadcast the SSID you can manually add it by clicking the Add button. Follow the on-screen instructions for entering the Name (SSID) and the Channel number.

the device will be associated with.
WLAN
and there is no access point.
1

13 If your network is not configured for Authentication and Encryption, the following screen will appear. To continue configuration, click OK and go to 15.



14 If your network is configured for Authentication and Encryption, the following screen will appear. When configuring your Brother wireless printer, you must ensure that it is configured to match the Authentication and Encryption settings of your existing wireless network. Choose the Authentication Method and Encryption Mode from the pull-downs in each setting box. Then enter the Network key and click Next.

ncryption mode
HELLO
Open System
WEP
•••••
•••••

🖉 Note

- If you want to setup more than WEP key1, click **Advanced**.
- If you do not know the Authentication or Encryption settings for network, contact your network administrator.
- 15 Click Next. The settings will be sent to your printer. The settings will remain unchanged if you click Cancel.

Confirmat	Network Settin tion	igs	((() ()))
Click "Next" to	submit following sett	ings to the device	
Targe	et Device =	BRN123456	
IP Ac	idress	Auto	Change IP Address
Com	munication mode	Infrastructure	
Name	e (SSID)	HELLO	
Auth	entication Method	Open System	
Encr	yption Mode	WEP	

🖉 Note

- If you want to manually enter the IP address settings of your printer, click **Change IP Address** and enter the necessary IP address settings for your network.
- The control panel settings will be automatically changed to *WLAN* when the wireless settings are sent to your printer.



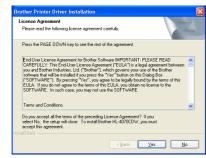
16 Using the information you recorded in **9**, return the wireless settings of your computer back to their original settings. Check the box if you confirm this step, and then click **Next**.



Installing the printer driver

S Improper Setup

- DO NOT try to cancel any of the screens during this installation.
- If your wireless settings fail, and error message will appear during the installation of the printer driver and the installation will be terminated. If you encounter this failure, please go to step **1** and setup the wireless connection again.
- **17** The driver installation starts. When the License Agreement window appears, click **Yes** if you agree to the License Agreement.







19 Choose Search the network for devices and choose from a list of discovered devices (Recommended). Or enter your printer's IP address or its node name. Click Next.

elect Printer	
Choose how you will loc	ate your Brother machine on the network?
(Recommended)	for devices and choose from a list of discovered devices the by address (Advanced Users)
IP Address	
	e by name (Advanced Users)
O specity you macrim	
Node Name	

🖉 Note

Contact your administrator if you do not know the printer's IP address or node name.



elect Printer Select the ap	propriate network prints	er.	
N. J. N	N. J. 1 J.	Disc. No.	1
BRW	10.	Brother HL-4070CDV	A/ series
<			>
LPR	Node Name		Contigure IP

🖉 Note

If your printer takes a long time (about 1 minute) to appear on the list, click **Refresh**.

21 Click Finish.

Setup Complete	
Driver installation is finished	
Select the actions to perform v	when Setup finishes.
On-Line Registration	
(This service may not be a	vailable in all countries.)
🗹 Set as Default Printer	
	< Back Finish

🖉 Note

- If you want to register your product on-line, check **On-Line Registration**.
- If you do not want to set your printer as Default printer, uncheck Set as Default Printer.
- Turn your Personal Firewall back on.

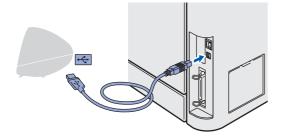


Setup is now complete.

For USB interface cable users

Connecting the printer to your Macintosh® and installing the driver

1 Connect the USB interface cable to your Macintosh[®], and then connect it to the printer.



N Improper Setup

DO NOT connect the printer to a USB port on a keyboard or a non-powered USB hub.

2 Make sure the printer power switch is on.



3 Click Install Printer Driver on the menu screen.



4 Click USB cable users and follow the on-screen instructions. Then, restart your Macintosh[®].



For Mac OS[®] X 10.2.4 to 10.2.8 users: Go to step 7.

For Mac OS[®] X 10.3 or greater users: Go to step 5.

M Note

Please see the User's Guide on the CD-ROM to install the PS driver (Brother's BR-Script Driver).

5 The Brother software will search for the Brother printer. During this time the following screen will appear.

00) 😁 HL-4000 series	
	Please wait	

🖉 Note

If more than one printer is available, the following list appears. Choose the printer you wish to connect, and then click OK.

	chine you want to install.		
Preferences" butt	to add your machine manually, click on.	the "Print & Fax	
Deinter Name		A Connection	
HL-4070CDW	/ series	USB	
	050CDN series [00807748274e] 040CN series [008077482548]	Network	1
)•	
Print & Fax F	Preferences	Cancel Ok	D

When this screen appears, click OK.





For Mac OS[®] X 10.3 or greater users: Setup is now complete.



000 inter List 旦



STEP 2 Installing the Printer Driver

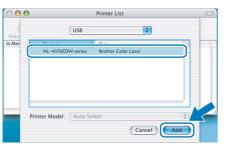


8 Choose USB.





Choose your printer, and then click Add.



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



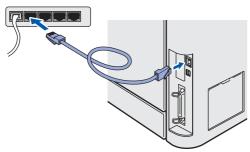


For Mac OS[®] X 10.2.4 to 10.2.8 users: Setup is now complete.

Macintosh[®] USB

For wired network interface cable users

1 Connect the network interface cable to the printer, and then connect it to a free port on your hub.



2 Turn on the printer power switch.



Click Install Printer Driver on the menu screen.



4

Click **Network cable users** and follow the on-screen instructions. Then, restart your Macintosh[®].



For Mac OS[®] X 10.2.4 to 10.2.8 users: Go to step **7**.

For Mac OS[®] X 10.3 or greater users: Go to step **5**.

Note

5

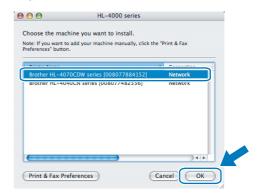
Please see the Network User's Guide on the CD-ROM to install the PS driver (Brother's BR-Script Driver).

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

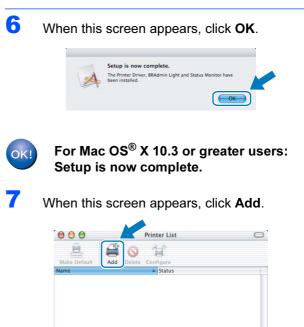
O \varTheta 🖨 HL-4000 series	
Please wait	

🖉 Note

If more than one printer is available, the following list appears. Choose the printer you wish to connect, and then click **OK**.



 If there is more than one of the same printer model connected on your network, the Ethernet address (MAC address) will be displayed after the model name.







Make the following selection.





Choose your printer, and then click Add.

000	Pr	rinter List	0
Make	Rendezvou	s t	
n Men	Name	Location	
	Brother HL-2070N series	local.	
	Rrother HI -2700CN series	local	
1	Brother HL-4070CDW series	local.	
	biotilei nit-4007740103ej	iocai.	
	Brother HL-48077481d66]	local.	
	Brother HL-48077482548]	local.	
	Brother HL-48077482558]	local.	
_	Printer Model: Brother Co	olor Laser	
	(
		(Cancel) Add	

🖉 Note

If there is more than one of the same printer model connected on your network, the Ethernet address (MAC address) will be displayed after the model name.

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







Show All

For Mac OS[®] X 10.2.4 to 10.2.8 users: Setup is now complete.

For wireless network users

Connect your wireless printer and wireless network together: install the printer driver in infrastructure mode

First you must configure the wireless network settings of your printer to communicate with your network access point (router). After the printer is configured to communicate with your access point (router) computers on your network will have access to the printer. To use the printer from these computers, you will need to install the printer driver. The following steps will guide you through the configuration and installation process. To achieve optimum results with normal everyday document printing, place the Brother printer 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. Due to these factors, wireless may not be the best method of connection for all types of documents and applications. If you are printing large files, such as photos or multi-page documents with mixed text and large graphics, you may want to consider choosing wired Ethernet for a faster data transfer, or USB for the fastest throughput speed.

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[™] follow the steps Using the SecureEasySetup[™] software to configure your printer for a wireless network on page 45. If your wireless router/access point does not support SecureEasySetup[™] follow the steps Configuration in Infrastructure mode, using a network cable temporarily on page 49 or Configuration in Infrastructure mode, using a wireless computer on page 53. To set up your machine in any other wireless environment you can find instructions in the Network User's Guide on the CD-ROM.

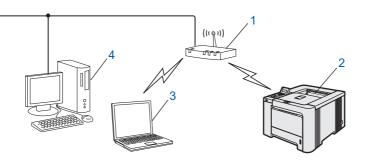
You can view the Network User's Guide by following the instructions below.

- 1 Turn on your computer. Insert the Brother CD-ROM into your CD-ROM drive.
- 2 Choose your printer model and the language. The CD-ROM main menu will appear.
- 3 Click the Documentation, and then click HTML documents.

🖉 Note

- If you are going to connect the printer to your network, we recommend that you contact your system administrator prior to installation.
- Before installation, if you are using Personal Firewall software, disable it. Once you are sure that you can print, restart your Personal Firewall software.

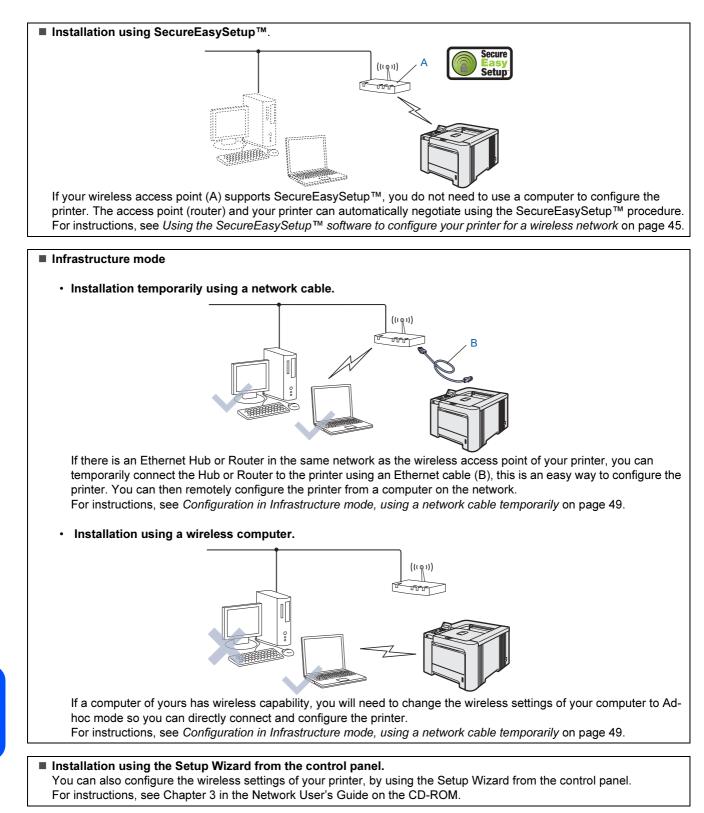
Infrastructure Mode



- 1 Access Point
- 2 Wireless Network printer
- 3 Wireless capable computer connected to the access point
- 4 Wired computer connected to the access point

Confirm your network environment

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



Using the SecureEasySetup[™] software to configure your printer for a wireless network

5

6

The SecureEasySetup[™] software of Broadcom Corporation is an easy way to configure your Brother device to your wireless network settings. 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[™]. See the user's guide for your wireless LAN router or access point for instructions to configure your printer for a wireless network.

🖉 Note

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



Make sure that the printer power switch is on.



2 Click Install Printer Driver.



3 Click Wireless Network users.



🖉 Note

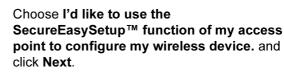
Please see the Network User's Guide on the CD-ROM to install the PS driver (Brother's BR-Script Driver).

4 Choose Wireless Setup and Driver Install, and then click Next.

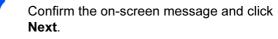


Read the **Important Notice** and check the box after you confirm this setting, and then click **Next**.

000	Wireless Device Setu	p Wizard	
Impor	tant Notice		ஞ
1	Please confirm the setting below before clicking "Ne	ď.	
On th	e make sure that your machine's WLAN (Wireless LAN) : ne control panel of the machine press any of the Menu i t "LAN"> "WLAN"> "WLAN Enable"> "On".	setting is enabled. buttons (+, -, OK or, Back) and	
For d	letailed information refer to the "Quick Setup Guide" su	pplied with the machine.	
	hecked and confirmed.		
	C	<back next=""></back>	Cancel

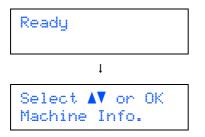








- 8 Refer to the instruction manual that came with your access point to use the SecureEasySetup™ mode of your access point.
- 9 Put the printer in SecureEasySetup[™] mode using the control panel.
 - 1 Press any of the Menu buttons (+, -, OK or **Back**) to take the printer off-line.



2 Press the + or - button to select LAN.

Select	or	ΟK
LAN		

3 Press **OK** to move to the next menu level.

LAN	
Wired	

4 Press the + or - button to select WLAN.

LAN	
WLAN	

5 Press **OK** to move to the next menu level.

WLAN TCP/IP

6 Press the + or - button to select Setup WLAN.

WLAN Setup WLAN

7 Press **OK** to move to the next level.

Setup WLAN Setup Wizard

8 Press the + or - button to select SecureEasySetup.

Setup WLAN SecureEasySetup Press OK.
 If the following message appears, press
 OK again.

WLAN Enable? On

🖉 Note

The message above only appears when the wireless setting is disabled.

10 The wireless network connection status using the SecureEasySetup[™] software will be displayed on the control panel; Connecting WLAN, Connected or Connection NG.

> Connecting WLAN is displayed when the print server is trying to make connections to your router or access point. Wait till either Connected or Connection NG is displayed. Connected is displayed when the print server is successfully connected to your router or access point. You can now use your printer in a wireless network. Connection NG is displayed when the print server has not successfully connected to your router or access point. Try starting from 2 again. If the same message is displayed again, reset the print server back to the default factory settings and try again.

10 Click Next.





Check the box after you confirm that you have completed the wireless settings, and then click Next.



Installing the printer driver

S Improper Setup

- DO NOT try to cancel any of the screens during this installation.
- If your wireless settings fail, and error message will appear during the installation of printer driver and the installation will be terminated. If you encounter this failure, please go to step **2** and setup the wireless connection again.
- The driver installation starts.
 For Mac OS[®] X 10.3 or greater users: Go to step 13.

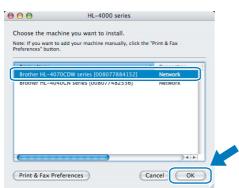
For Mac OS[®] X 10.2.4 to 10.2.8 users: Go to step **15**.

13 The Brother software will search for the Brother printer. During this time the following screen will appear.



🖉 Note

If more than one printer is available, the following list appears. Choose the printer you wish to connect, and then click **OK**.



 If there is more than one of the same printer model connected on your network, the Ethernet address (MAC address) will be displayed after the model name.



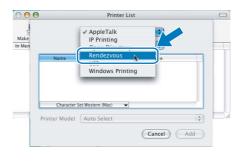


For Mac OS[®] X 10.3 or greater users: Setup is now complete.

15 When this screen appears, click **Add**.



16 Make the following selection.





000)	Pr	inter List		C
Make		Rendezvou	s 📢		
In Men	Name		Location		
	Brother HL-2070	N series	local.		
	Brother HI -2700	CN series	local	0	
1	Brother HL-4070	CDW series	local.		
	DIDUIEI FIL-40	ovvaorasel	iucai.		
	Brother HL-48	077481d66]	local.		
	Brother HL-48	077482548]	local.	4	
	Brother HL-48	077482558]	local.	¥	
_	Printer Model:	Brother Co	lor Laser		\sim
			Cancel	Add	



🖉 Note

If there is more than one of the same printer model connected on your network, the Ethernet address (MAC address) will be displayed after the model name. **STEP 2** Installing the Printer Driver

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





For Mac OS[®] X 10.2.4 to 10.2.8 users: Setup is now complete.



Configuration in Infrastructure mode, using a network cable temporarily

Before you configure the wireless settings

Important

If you have previously configured the wireless settings of the printer, you must reset the print server back to the default factory settings (see page 61) and enable the WLAN setting from the control panel. See *Enabling the wireless network using the control panel* on this page.

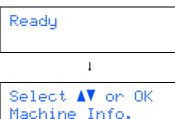
Enabling the wireless network using the control panel



Make sure that the printer power switch is on.



Press any of the Menu buttons (+, -, OK or Back) to take the printer off-line.



3 Press the + or - button to select LAN.



4 Press **OK** to move to the next menu level.

LAN Wired

5 Press the + or - button to select WLAN.



6 Press **OK** to move to select the next level.



7 Press the + or - button to select WLAN Enable.

WLAN WLAN Enable 8 Press **OK** to move to select the next level.

WLAN Enable Off

9 Press the + or - button to select On.



10 Press OK.

Accepted appears on the second line of the LCD.

WLAN Enable Accepted



The WLAN setting is enable.

Configure the wireless settings



Click Install Printer Driver.





Click Wireless Network users.



🖉 Note

Please see the Network User's Guide on the CD-ROM to install the PS driver (Brother's BR-Script Driver).



2

Choose Wireless Setup and Driver Install, and then click Next.

000	Wirelss Device	e Setup Wizard		
Wireless Insta	allation Type			(9)
Choose the type of wire	eless installation appropriate to y	ou.		
O Driver Install O	nly			
For those who installed any o	have already configured the devi trivers.	ce to work in a wireles	s network, but ha	ve not
	and Driver Install			
For those who the wireless se	have just purchased this device a ettings of the device.	ind have not installed	any drivers or cha	nged any of
O Wireless Setup	Only			
For those who any drivers.	want to configure the wireless se	ettings of the device ar	nd do not want to	install
2		<u></u>		
0		<back_< td=""><td>Next></td><td>Cancel</td></back_<>	Next>	Cancel

4

Read the **Important Notice** and check the box after you confirm this setting, and then click **Next**.



5

Choose Manual and then click Next.

00	Wireless Device Setup Wizard	
Setting Up Wi	reless	((((P)
How do you wish to co	figure your computer and the wireless device settings	7
Manual This selection	will guide you through the wireless installer step by st	ep.
I'd like to use t access point to	he SecureEasySetup [™] function of my configure my wireless device.	Secure Easy Setup
	<back< td=""><td>Next> Cancel</td></back<>	Next> Cancel

6

Choose **I'm able to temporarily connect my device to my access point with a network cable** and then click **Next**.



For configuration, you must temporarily connect your Brother wireless device (your printer) directly to a free port on your access point, hub or router using a network cable. When the following screen appears, insert the network cable to the access point and then to the printer. Click **Next**.

000	Wireless Device Setup Wizard	
Connecting Yo	ur Device and Access Point	p)
Please connect your	access point to the device using a standard network cable and click "Next".	
🗌 I don't	nave a network cable.	
	< Back Next > Cano	el

Choose the printer you wish to configure, and click **Next**. If the list is blank, check if the access point and the printer are powered on, and then click **Refresh**.

	less Device was fou ou wish to configure			le C
BRNXXXXXX	192.0.0.192	200000000000000000000000000000000000000	Brother XXX-XXXX	Anywhere
-				,
Refresh				
Importan		d you're running a pe		

🖉 Note

9

7

8

The default Node name is "BRNXXXXX" for the users that temporarily connect with a network cable, or "BRWXXXXX" for the users that connect without a network cable (where "XXXXX" are the last six digits of Ethernet address).

The wizard will search for wireless networks available from your printer. Choose the access point you wish to associate the printer with, and then click **Next**.

0.0	Wireless De	evice Setup Wizard	
vailable Wireles	s Networks		(9)
		the Device will be associated with.	
Name (SSI	D) Channe	el Wireless Mode	Signal
]∲ ¢⇔HELLO	6	802.11b/g (11Mbps/54Mbps)	
POLICI BARANA	-	20211 0.8 (1 100 page 100 page	
Batrash	1		-hoc Network
Refresh	1	(해외 Access Point / 미해하고 Ad Base Station	-hoc Network
Refresh	If the access point or		

🖉 Note

• "SETUP" is the default SSID of the printer. Do not choose this SSID.

- If the list is blank, check that the access point has power and is broadcasting the SSID, and then see if the printer and the access point are within range for wireless communication. Then, click **Refresh**.
- If your access point is set to not broadcast the SSID you can manually add it by clicking the Add button. Follow the on-screen instructions for entering the Name (SSID) and the Channel number.

00	Wireless Device Setup	Wizard
Wireless Netwo	rk Name	((() CP)
Configure the wireless	network name that the device will be a	issociated with.
Name(SSID)	WLAN	
This is an J	Ad-hoc network and there is no access	point.
Channel	[1	

10 If your network is not configured for Authentication and Encryption, the following screen will appear. To continue configuration, click **OK** and go to **12**.

00	0	Wireless Device Setup Wizard
	Name (SSID) :	WLAN
	This Wireless Netw encryption.	ork is not secure. It is not using secure authentication and
	Do you want to cor	inue setup?
		OK Cancel

If your network is configured for Authentication and Encryption, the following screen will appear. When configuring your Brother wireless printer, you must ensure that it is configured to match the Authentication and Encryption settings of your existing wireless network. Choose the **Authentication Method** and **Encryption Mode** from the pull-downs in each setting box. Then enter the **Network key** and click **Next**.

	Wire	less Device Setup Wizard	d	
Authentication	Method and	Encryption Mode		(19)
Configure the Authenti	cation Method and	d Encryption mode		
Name (SSID) :		HELLO		
Authentication	Method	Open System	;	
Encryption Mod	le	WEP	•	
Network Key				
Confirm Netwo	rk Key			
Advanced		_		
Help		< Back N	ext>	Cancel

🖉 Note

- If you want to setup more than WEP key1, click **Advanced**.
- If you do not know the Authentication or Encryption settings for network, contact your network administrator.

12 Click Next. The settings will be sent to your printer. The settings will remain unchanged if you click Cancel.

Wireless Network Setting	s Confirmation	(((() CP)
Click "Next" to submit following settin	gs to the device	
Target Device =	BRNXXXXXXX	
IP Address	Auto	Change IP Address
Communication mode	Infrastructure	
Name (SSID)	HELLO	
Authentication Method	Open System	
Encryption Mode	WEP	
Print test page after subn	aitting settings?	
Help	< Back Ne	xt> Cancel

🖉 Note

- If you want to manually enter the IP address settings of your printer, click **Change IP Address** and enter the necessary IP address settings for your network.
- The control panel settings will be automatically changed to WLAN when the wireless settings are sent to your printer.
- 13 Disconnect the network cable between your access point (hub or router) and the printer, and click Next.



Installing the printer driver

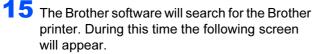
S Improper Setup

- DO NOT try to cancel any of the screens during this installation.
- If your wireless settings fail, and error message will appear during the installation of the printer driver and the installation will be terminated. If you encounter this failure, please go to step **1** and setup the wireless connection again.

14 The driver installation starts.

For Mac OS[®] X 10.3 or greater users: Go to step **15**.

For Mac $OS^{\ensuremath{\mathbb{R}}}$ X 10.2.4 to 10.2.8 users: Go to step 17.



00	🖲 🔵 HL-4000 series	
	Please wait	

🖉 Note

If more than one printer is available, the following list appears. Choose the printer you wish to connect, and then click **OK**.

000	HL-4000 series	
Choose the machine y	ou want to install.	
Note: If you want to add y Preferences" button.	our machine manually, click the	e "Print & Fax
-		-
Brother HL-4070CDV	/ series [008077884152]	Network
)4 +
Print & Fax Preferer	ces (Cancel OK

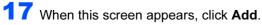
• If there is more than one of the same printer model connected on your network, the Ethernet address (MAC address) will be displayed after the model name.



	Setup is now complete.
A	The Printer Driver, BRAdmin Light and Status Monitor have been installed.
	Сок



For Mac OS[®] X 10.3 or greater users: Setup is now complete.





18 Make the following selection.



19 Choose your printer, and then click **Add**.

Make	Rendezvous	•	
In Men	Name A	Location	
	Brother HL-2070N series	local.	
	Rrother HI -2700CN series	local	
ſ	Brother HL-4070CDW series	local.	
	Diottici HE-40077401036j	IDCal.	
	Brother HL-48077481d66]	local.	
	Brother HL-48077482548]	local.	
	Brother HL-48077482558]	local.	
_	Printer Model: Brother Cold	r Laser 😯	\sim
		Cancel Add	

🖉 Note

If there is more than one of the same printer model connected on your network, the Ethernet address (MAC address) will be displayed after the model name.

20 Click Print Center, then Quit Print Center.





For Mac OS[®] X 10.2.4 to 10.2.8 users: Setup is now complete.

Configuration in Infrastructure mode, using a wireless computer

Before you configure the wireless settings

Important

If you have previously configured the wireless settings of the printer, you must reset the print server back to the default factory settings (see page 61) and enable the WLAN setting from the control panel. See *Enabling the wireless network using the control panel* on this page.

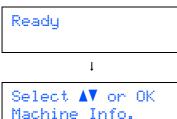
Enabling the wireless network using the control panel



Make sure that the printer power switch is on.



Press any of the Menu buttons (+, -, OK or Back) to take the printer off-line.



3 Press the + or - button to select LAN.



4 Press **OK** to move to the next menu level.

LAN Wired

5 Press the + or - button to select WLAN.



6 Press **OK** to move to select the next level.

WLAN TCP∕IP

7 Press the + or - button to select WLAN Enable.

WLAN WLAN Enable 8 Press **OK** to move to select the next level.

WLAN Enable Off

9 Press the + or - button to select On.



10 Press OK.

Accepted appears on the second line of the LCD.

WLAN Enable Accepted



The WLAN setting is enable.

Configure the wireless settings



Click Install Printer Driver.





Click Wireless Network users.



Note

Please see the Network User's Guide on the CD-ROM to install the PS driver (Brother's BR-Script Driver).



2

Choose Wireless Setup and Driver Install, and then click Next.

000	Wirelss Device Setu	up Wizard
Wireless Insta	Illation Type	((() (P)
Choose the type of wire	eless installation appropriate to you.	
O Driver Install O	nly	
For those who installed any d	have already configured the device to w rivers.	vork in a wireless network, but have not
Wireless Setup	and Driver Install	
For those who the wireless se	have just purchased this device and hav ttings of the device.	ve not installed any drivers or changed any of
O Wireless Setup	Only	
For those who any drivers.	want to configure the wireless settings	of the device and do not want to install
(?)	(<back cancel<="" td=""></back>

4 Read the Important Notice and check the box after you confirm this setting, and then click Next.



Choose Manual and then click Next.

0.0	Wireless Device Setup	Wizard	
Setting Up Wi	reless		ලබා
How do you wish to co	nfigure your computer and the wireless dev	vice settings?	
Manual This selection	will guide you through the wireless installe	er step by step.	
O I'd like to use t access point to	he SecureEasySetup™ function of my configure my wireless device.		Secure Easy Setup

6

5

Choose I'm not able to connect my device to my access point with a network cable and then click Next.



7 If you choose This computer has wireless capability., check I am using an access point in infrastructure mode, and then click Next. Go to 9.



If you are using a wired computer, choose **This computer uses a network cable to connect to the wireless network.**, you must configure the wireless settings from the control panel. Click **Next** and see chapter 3 in the Network User's Guide on the CD-ROM.

If you have already completed the wireless settings, click **Next** and go to step **8**.

Control Pane	Wireless Device Setup Wizard Settings		(19)
control panel.	less settings using the Setup Wizard on the up Wizard, please refer to the "Network User's RDM		
How to use the Se Guide" on the CD-	up Wizard, please refer to the "Network User's ROM.		
(?)	(<back< td=""><td>Next></td><td>Cancel</td></back<>	Next>	Cancel

Check the box after you confirm that you have completed the wireless settings, and then click Next. Go to *Installing the printer driver* on page 57.

000	Wireless Device Setup Wizard
Impor	ant Notice
1	Please confirm the setting below before clicking "Next".
On th	make sure that your machine's WLAN (Wireless LAN) setting is enabled. control panel of the machine press any of the Menu buttons (+, -, OK or, Back) and LAN $\rightarrow WLAN' \rightarrow WLAN Enable' \rightarrow \rightarrow 0^{-1}$.
For d	ailed information refer to the "Quick Setup Guide" supplied with the machine.
	ecked and confirmed.
<u> </u>	
	<back cancel<="" td=""></back>

You need to temporarily change your computer's wireless settings. Follow the onscreen instructions. Make sure you take notes on all the settings such as SSID or channel of your computer. You will need them to return your computer back to its original wireless settings, and then click **Next**.

9

000	Wireless Device Setup Wizard
Changing the	computer's Wireless Settings
To manually config current wireless se	ure the wireless device from this computer, you must temporarily change the tings of this computer.
Before continuing,	please make a note of the current wireless network settings.
In particular, pleas	note the following:
Communication	Mode (Infrastructure / Ad-hoc)
Channel(1-14)	fapplicable)
Network Name	SSID / ESSID)
Authentication M	lethod (Open System / Shared Key)
Encryption Mod	(None / WEP / Other)
Encryption Key	
Please contact you information.	r network administrator or refer to your computer's user's guide for the
Click "Next" to con	nue.
	<back next=""> Cancel</back>

Item	Record the current wireless computer settings
Communication mode: (Infrastructure / Ad-hoc)	
Channel: (1-14)	
Network name: (SSID / ESSID)	
Authentication method: (Open system / Shared key / WPA/WPA2-PSK / LEAP)	
Encryption: (None / WEP / WPA / TKIP / AES/ CKIP)	
Encryption key:	

10 To communicate with the un-configured wireless printer, temporarily change the wireless settings on your computer to match printer's default settings shown on this screen. Check the box after you confirm these settings, and then click **Next**.



Note

You can temporarily change the wireless settings on your computer, following the steps below:

1 Click the AirPort status icon and select. Open Internet Connect....



2 Click the Network tab to see the available wireless devices. You can see the Brother wireless print server in the **Network** option. Select **SETUP**.



3 Your wireless network is connected successfully.

		AirPo	ort	
	()	9		
Summary	AirPort	VPN		
	AirPort P	ower: On	(Turn A	irPort Off
	Net	work: SETUP		+
	Signal	Level:		
	Base Stati	on ID:		
		🗹 Show AirP	ort status in menu l	bar
Status:	Computer t	o Computer		
	Status not a	available		



Choose the printer you wish to configure, and click **Next**. If the list is blank, check if the access point and the printer are powered on, and then click **Refresh**.

		reless Device Setu;		10
vailable Wir	eless Devices	6		(() ()
	less Device was for au wish to configure			
BRNXXXXXX	192.0.0.192	200000000000	Brother XXX-XXXX	Anywhere
Betresh				
Importan				
Importan	devices appear ar	nd you're running a pe utton to re-search the	rsonal firewall. Pleas wireless network.	e disahi the firew

🖉 Note

The default Node name is "BRNxxxxx" for the users that temporarily connect with a network cable, or "BRWxxxxx" for the users that connect without a network cable (where "xxxxx" are the last six digits of Ethernet address).

12 The wizard will search for wireless networks available from your printer. Choose the access point you wish to associate the printer with, and then click **Next**.

0.0	Wireless D	levice Setup Wizard		
Available Wirel				(⁽¹⁾)
Name (S		t the Device will be associ	Mode	Signal
10 0 CHELLO	6	802.11b/g (11Mbps	/54Mbps)	
Refresh]	Access Point / Base Station	De po en	loc Network
Refresh Add	If the access point or	Ad-hoc network name do		

🖉 Note

- "SETUP" is the default SSID of the printer. Do not choose this SSID.
- If the list is blank, check that the access point has power and is broadcasting the SSID, and then see if the printer and the access point are within range for wireless communication. Then, click **Refresh**.
- If your access point is set to not broadcast the SSID you can manually add it by clicking the Add button. Follow the on-screen instructions for entering the Name (SSID) and the Channel number.

000	Wireless Device Setup Wi	zard
Wireless Netw	ork Name	(((@)
Configure the wireles	s network name that the device will be asso	ciated with.
Name(SSID)	WLAN	
🗹 This is an	Ad-hoc network and there is no access pol	nt.
Channel	[1	•
Help	< Back	Next > Cancel

13 If your network is not configured for Authentication and Encryption, the following screen will appear. To continue configuration, click **OK** and go to **15**.

0.0		Wireless Device	Setup W	lizard		
		ATTENT	TION!			
Name (SS	SID) :	WLAN				
This Wirel encryption	iess Networ	k is not secure. It is	not using	secure au	thenticatio	n and
Do you w	ant to contin	ue setup?				
		ок		Cancel		

4 If your network is configured for Authentication and Encryption, the following screen will appear. When configuring your Brother wireless printer, you must ensure that it is configured to match the Authentication and Encryption settings of your existing wireless network. Choose the Authentication Method and Encryption Mode from the pull-downs in each setting box. Then enter the Network key and click Next.

00	Wire	eless Device Setup Wizard		
Authentication	Method and	Encryption Mode		(9)
Configure the Authenti	cation Method an	d Encryption mode		
Name (SSID) :		HELLO		
Authentication	Method	Open System	;	
Encryption Mod	ie	WEP	•	
Network Key		•••••		
Confirm Netwo	rk Key	*****		
Advanced	1			
Help		< Back Ne:	xt >	Cancel

🖉 Note

- If you want to setup more than WEP key1, click **Advanced**.
- If you do not know the Authentication or Encryption settings for network, contact your network administrator.

15 Click **Next**. The settings will be sent to your printer. The settings will remain unchanged if you click **Cancel**.



🖉 Note

- If you want to manually enter the IP address settings of your printer, click **Change IP Address** and enter the necessary IP address settings for your network.
- The control panel settings will be automatically changed to WLAN when the wireless settings are sent to your printer.
- **16** Using the information you recorded in **9**, return the wireless settings of your computer back to their original settings. Check the box if you confirm this step, and then click **Next**.

00	Wireless Dev	ice Setup Wizard		
Please Rememb	er!			ஞ
"Wireless Setup" is no settings to their origin	ow complete. Remember to al settings.	o restore your compu	ter wireless	
Please make su	e you restore the following	settings:		
Communicatio	n Mode (Infrastructure / Ad	-hoc)		
Channel (1-14) (if applicable)			
Network Name	(SSID / ESSID)			
Authentication	Method (Open System / Sh	nared Key / Other)		
Encryption Mo	de (None / WEP / Other)			
Encryption Key	1			
Once you have r	estored your computer set	ings, click "Next" to c	ontinue.	
Checked and co	nfirmed	Next		

Installing the printer driver

S Improper Setup

- DO NOT try to cancel any of the screens during this installation.
- If your wireless settings fail, and error message will appear during the installation of the printer driver and the installation will be terminated. If you encounter this failure, please go to step **1** and setup the wireless connection again.
- The driver installation starts.
 For Mac OS[®] X 10.3 or greater users: Go to step 18.

For Mac $OS^{(\! R\!)} X$ 10.2.4 to 10.2.8 users: Go to step **20**. **18** The Brother software will search for the Brother printer. During this time the following screen will appear.

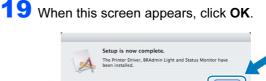
(🔿 😑 😁 HL-4000 series	
	Please wait	

🖉 Note

If more than one printer is available, the following list appears. Choose the printer you wish to connect, and then click **OK**.

00	HL-4000 series	
hoose the machine	you want to install.	
te: If you want to add ferences" button.	your machine manually, click the	e "Print & Fax
		-
Brother HL-4070CD	W series [008077884152]	Network
	series (UU&U//482330)	
Print & Fax Prefere		Cancel OK

• If there is more than one of the same printer model connected on your network, the Ethernet address (MAC address) will be displayed after the model name.





For Mac OS[®] X 10.3 or greater users: Setup is now complete.

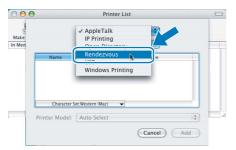








21 Make the following selection.



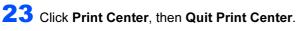


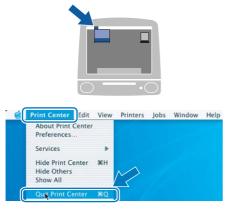
22 Choose your printer, and then click **Add**.

1	(- · ·		
Make	Rendezvous	s 📫	
n Men	Name	Location	
	Brother HL-2070N series	local.	
	Rrother HI -2700CN series	local	
1	Brother HL-4070CDVV series	local.	
	promer ne-4ov//401036j	iocai.	
	Brother HL-48077481d66]	local.	
	Brother HL-48077482548]	local.	Ă
	Brother HL-48077482558]	local.	Y
	Printer Model: Brother Col	orlacor	
	Finiter Model: Diotner Col	UI Lasei	
		(Cancel) Add	

Mote

If there is more than one of the same printer model connected on your network, the Ethernet address (MAC address) will be displayed after the model name.







OK!

For Mac OS[®] X 10.2.4 to 10.2.8 users: Setup is now complete.

BRAdmin Light utility (For Windows[®] users)

The BRAdmin Light is a utility for initial setup of Brother network connected devices. It can also 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 <u>http://solutions.brother.com</u>.

🖉 Note

- If you require more advanced printer management, use the latest Brother BRAdmin Professional utility version that is available as a download from <u>http://solutions.brother.com</u>.
- If you are using Personal Firewall software (e.g. Windows Firewall), disable it. Once you are sure that you can print, re-start your Personal Firewall software.

Installing the BRAdmin Light configuration utility

Note

The default password for the print server is 'access'. You can use BRAdmin Light to change this password.

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

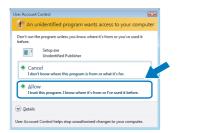


2 Click **BRAdmin Light** and follow the on-screen instructions.



🖉 Note

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



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.

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

earching for Devices		×
Searching network for 6 seconds.	Stop Searching	
New Device: 1 (Unconfigured: 1)		



3

Double-click the unconfigured device.



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

igure TCP/IP Address	
- Boot Method	
OTUA	
 STATIC 	
ODHCP	
ORARP	
OBOOTP	
IP Address	192.168.0.5
≦ubnet Mask	255.255.255.0
<u>G</u> ateway	192.1/

The address information will be saved to the printer.

BRAdmin Light utility (For Mac OS[®] X users)

The BRAdmin Light is a utility for initial setup of Brother network connected devices. It can also 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



- 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.
- The default password for the print server is 'access'. You can use BRAdmin Light to change this password.
- 1 Double-click the **Macintosh HD** icon on your desktop.





Choose Library, Printers, Brother and then Utilities.

		Macintosh HD	
Mac OS X TEMP Desktop manual Applications Favoritas Documents Movies Music Pictures	Applications Users	LUbery LUbery Applications (Mac OS 3)	System System System Folder

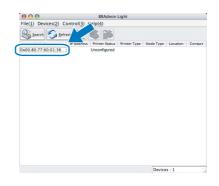
3 Double click the file **BRAdminLight.jar** and run the software. BRAdmin Light will then search for new devices automatically.

00	1	Utilities	
A P II E III	⊈ ▼ Action	Utilities ControlCente	Search
Network Mac OS X 1 Macintosh HD Mac OS X 2 TEMP	Brother Status Monitor	BRAdmin Light.jar	BrSupplyTool
■ Desktop ↑ fax ■ Library ♥ Favorites	RemoteSetup	ControlCenter	DeviceSelector
Applications Documents Movies Music Pictures	Install Utility	Server	



6

Double-click the unconfigured device.



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

BOOT Method	
O AUTO	
STATIC	
O DHCP	
O RARP	
O BOOTP	
IP Address	192.168.0.5
Subnet Mask	255.255.255.0
Gateway	192.168.0.1
	OK Can

The address information will be saved to the printer.



Web Based Management (web browser)

The Brother print server is equipped with a web server that allows you to monitor its status or change some of its configuration settings, using HTTP (Hyper Text Transfer Protocol).

🖉 Note

- The User Name is 'admin' and the default password is 'access'. You can use a web browser to change this password.
- We recommend Microsoft Internet Explorer 6.0[®] (or higher) or Firefox[®] 1.0 (or higher) for Windows[®] and Safari™ 1.0 for Macintosh[®]. Please also make sure that JavaScript and Cookie are always enabled in whichever browser you use. We recommend you upgrade to Safari™ 1.2 or higher to enable JavaScript. To use a web browser, you will need to know the IP address of the print server.

je Edit Vjew Fgvorites Iools Help				
🌀 Back 🔹 🕥 - 💌 📓 🚮 🔎	Search 🤺 Favorites 🔗 🖉	3• 🌺 🖬 • 🗾		
ddress 👸 http://192.168.1.2/main/main.html				Go Links **
	Configuration = S tenance Information = A Device = F	rinter Settings ipool Function Idministrator Settings leset & Test ietwork Configuration		olutions Center
Ready	Automat			
Setial no 234567890 Printer Furnware Version : 0.2 Printer Sub Furnware Version : 0.2 Memory Sus: 64 Meytes Total Page Count : 0 Color Page Count : 0 Monochrone Page Count : 0			Web Language: Auto	
paonochrome r age Count : U	Installed Options List			
All Right	s Reserved Copyright(C) 200	0-2007 Brother Indust	ries, Ltd.	

Type http://printer ip address/ into your browser.

(Where printer ip address is the IP address or the print server name)

For example: http://192.168.1.2/ (if the printer's IP address is 192.168.1.2.)



1

See Chapter 2 of the Network User's Guide.

Network default settings

To restore all network settings of the internal print server to default, follow the steps below.

1 Press the + or – button to choose LAN. Press OK.

> Select **▲V** or OK LAN

Press the + or – button to choose Factory Reset. Press OK.

2

LAN Factory Reset

3 Press OK again.

> Factory Reset OK?

Print the Printer Settings Page

The Printer Settings Page lists all the current printer settings, including network settings. To print the printer settings page:

1

Press the + or - button to choose Machine Info.. Press OK.

Select **▲V** or OK Machine Info.

2 Press OK again.

> Machine Info. Print Settings

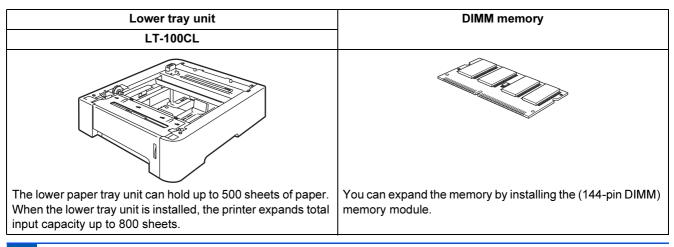
3 Press OK again to print the Printer Settings Page.

Options

The printer has the following optional accessories. You can expand the capabilities of the printer by adding these items.



See Chapter 5 of the User's Guide on the CD-ROM.



Consumables

When the time comes to replace consumable items, an error message will be indicated on the LCD. For more information about the consumables for your printer, visit us at <u>http://solutions.brother.com</u> or contact your local Brother reseller.

Toner cartridge	Drum unit
Belt unit (BU-100CL)	Waste toner box (WT-100CL)



See Chapter 6 of the User's Guide on the CD-ROM.

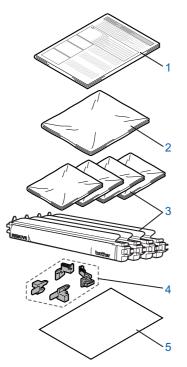
Shipment of the printer

Caution

- Once your printer has been set up and used, we do not recommend that it be moved or shipped unless absolutely necessary.
- Color laser printers are complex printing devices. Moving the printer or shipping it without properly removing the installed supplies can result in SEVERE damage to the printer. As a result, your printer may not operate properly afterwards.
- If the printer must be shipped, see Repacking Instructions on this page, for step-by-step instructions on how to properly prepare your printer for transport.
- Failure to properly prepare the printer for shipping according to the instructions on this page may VOID YOUR WARRANTY.
- If for any reason you must move or ship your printer, carefully re-pack the printer in the original packing material to avoid any damage during transport. The printer should also be adequately insured with the shipping company you choose.

Repacking Instructions

Make sure that you have the following parts for repacking:



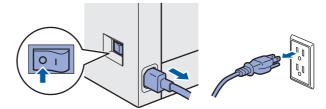
- 1 Insertion sheet for repacking
- 2 Plastic bag for the waste toner box
- 3 Orange protective cover, Plastic bag that the toner cartridge originally came in (4 pieces of each)
- 4 Orange packing material for locking the drum unit and the belt unit (4 pieces)
- 5 A piece of paper (letter or A4) (Please prepare by yourself.)

Repacking the printer

Warning

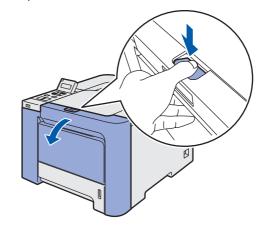
This printer is heavy and weights approximately 64.2 lb. (29.1 kg). To prevent injuries use at least two people to lift the printer. Be careful not to pinch your fingers when you put the printer down.

Turn off the power switch, and unplug all the cables from the printer.



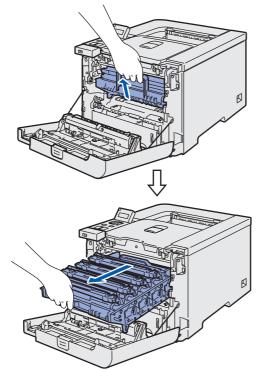
2

Press the front cover release button and then open the front cover.

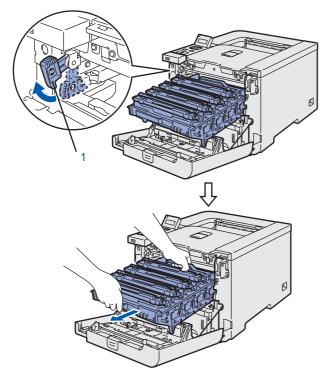


Other Information

3 Hold the green handle of the drum unit. Lift the drum unit up and then pull it out until it stops.

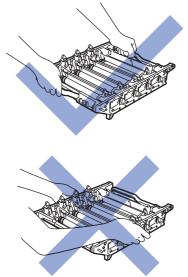


4 Release the gray lock lever (1) that is on the left side of the printer. Pull the drum unit completely out using the green handles on the drum unit.

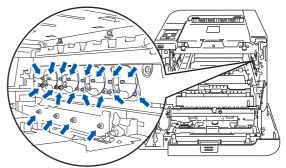


Caution

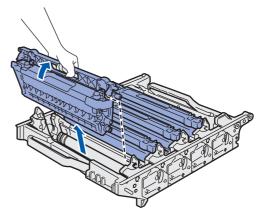
• Hold the green handles of the drum unit when you carry it. DO NOT hold the sides of the drum unit.



- We recommend that you place the drum unit on a clean, flat surface with a piece of disposable paper underneath it in case you accidentally spill or scatter toner.
- To prevent damage to the printer from static electricity, DO NOT touch the electrodes shown in the illustration.

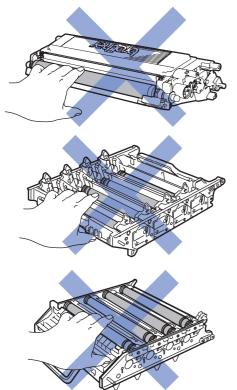


5 Hold the handle of the toner cartridge and pull it out of the drum unit. Repeat this for all the toner cartridges.

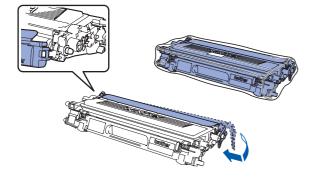


Caution

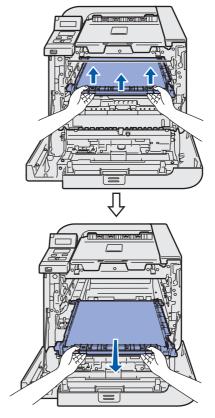
To avoid print quality problems, DO NOT touch the shaded parts shown in the illustrations.



6 Attach the original orange protective cover to each of the toner cartridges. Place each of the toner cartridges into the plastic bag included in the carton.



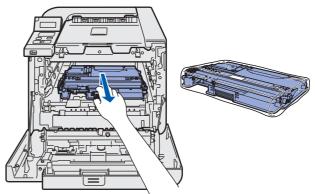
7 Hold the green parts of the belt unit with both hands and lift the belt unit up, then pull it out.



🖉 Note

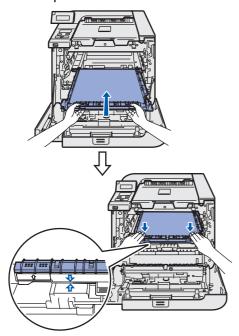
We recommend that you put the belt unit on a clean, flat surface with a piece of disposable paper underneath it in case you accidentally spill or scatter toner.

8 Remove the waste toner box from the printer using the green handle and place it into the plastic bag included in the carton.

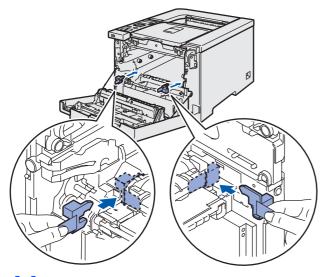


9 Put the belt unit back in the printer. Match the 1 mark on the belt unit to the 1 mark on the printer.

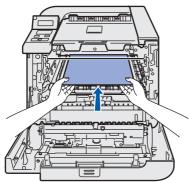
Push down on the green area of the belt unit to lock it in place.



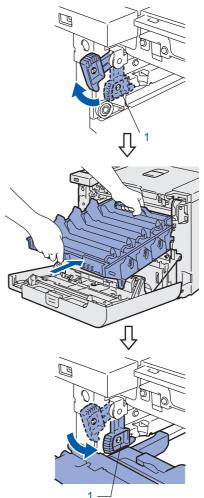
10 Insert the original orange packing material for locking the belt unit as shown in the illustration

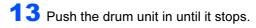


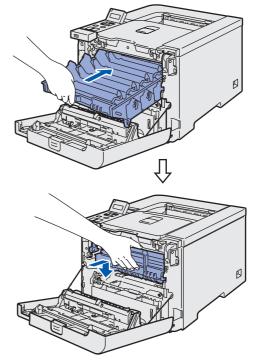
11 Put a piece of paper (letter or A4) on the belt unit to prevent damage to the belt unit.



12 Make sure that the gray lock lever (1) is in the up position and put the drum unit in the printer. Push down the gray lock lever (1).

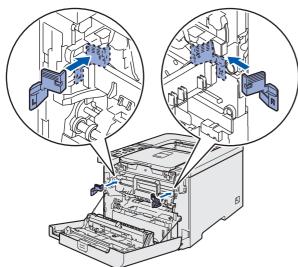




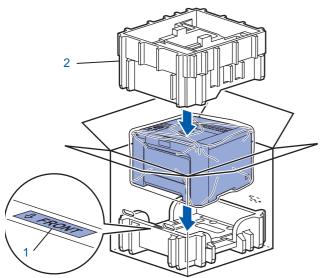


Other Information

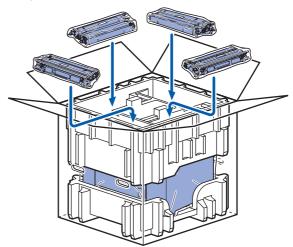
Insert the original orange packing material for the drum unit as shown in the illustration, and then close the front cover.



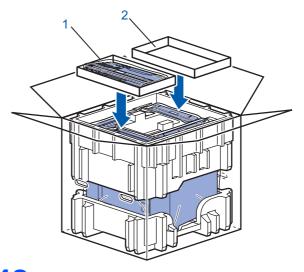
Two people should place the printer into the plastic bag and put the printer and the Styrofoam pieces into the carton. Match the front side of the printer to the "FRONT" mark (1) on the Styrofoam pieces. Put the Styrofoam piece for the toner cartridges (2) on top of the printer.



Put the toner cartridges into the Styrofoam piece.



Put the two carton trays (1) (2) on the top and put the waste toner box in the tray placed towards the front side of the printer (1).



Close the carton and tape it shut.

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