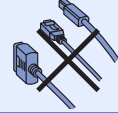


Before you can use the printer, read this Quick Setup Guide for the correct setup and installation.
To view the Quick Setup Guide in other languages, please visit <http://solutions.brother.com/>.

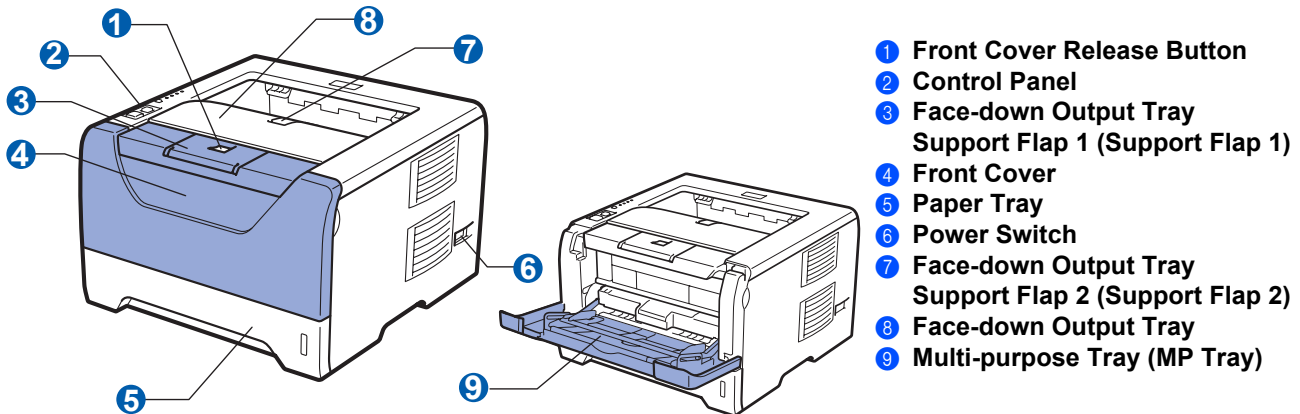
! IMPORTANT

DO NOT connect the interface cable yet.



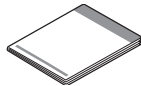
1

Unpack the printer and check the components

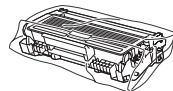


CD-ROM

(including User's Guide and Network User's Guide)



Quick Setup Guide



Drum Unit and Toner Cartridge Assembly



AC Power Cord

! WARNING

Plastic bags are used in the packaging of your printer. To avoid danger of suffocation, please keep these bags away from babies and children.

Note

- Save all packing materials and the box in case for any reason you must ship your printer.
- The interface cable is not a standard accessory. Buy the appropriate interface cable for the interface you want to use (USB, Parallel or Network).

USB cable

- Please make sure you use a USB 2.0 interface (Type A/B) cable that is no longer than 6 feet (2.0 meters).
- When you use a USB cable, make sure you connect it to the USB port of your computer and not to a USB port on a keyboard or non-powered USB hub.

Parallel cable

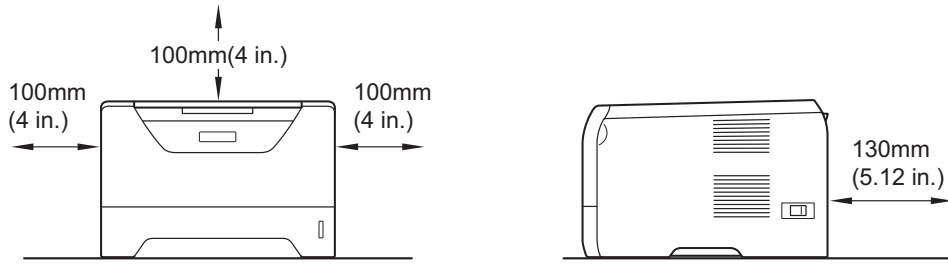
DO NOT use a parallel interface cable that is longer than 6 feet (2.0 meters). Use a shielded interface cable that is IEEE 1284-compliant.

Network cable (For HL-5350DN)








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

 **Note**

Keep a minimum gap around the printer as shown in the illustration.



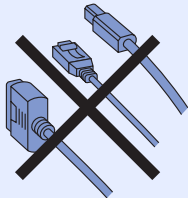
Symbols used in this guide

 WARNING	WARNINGS tell you what to do to prevent possible personal injury.
 CAUTION	CAUTIONS specify procedures you must follow or avoid to prevent possible minor injuries.
 IMPORTANT	IMPORTANT specify procedures you must follow or avoid to prevent possible damage to the printer or other objects.
	Electrical Hazard icons alert you to a possible electrical shock.
	Hot Surface icons warn you not to touch machine parts that are hot.
 Note	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.
 User's Guide Network User's Guide	Indicates reference to the User's Guide or Network User's Guide which is on the CD-ROM we have supplied.

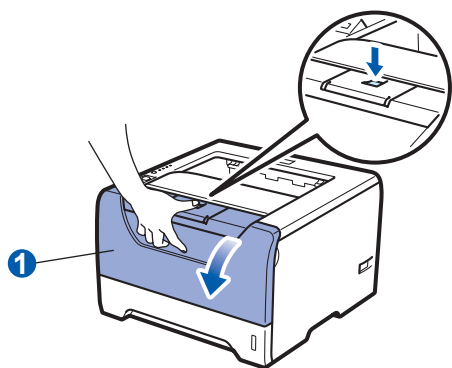
2 Install the drum unit and toner cartridge assembly

⚠ IMPORTANT

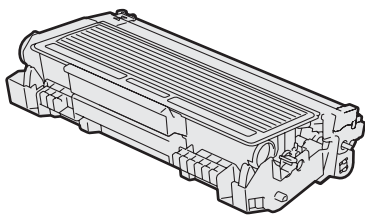
DO NOT connect the interface cable yet.



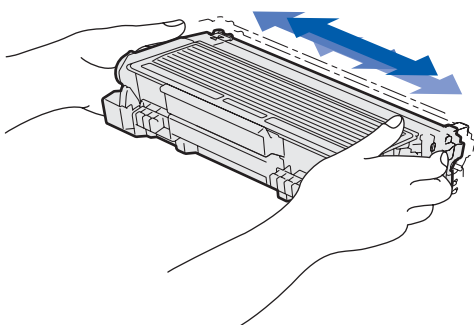
- a** Remove the packing tape from the outside of the printer.
- b** Press the front cover release button and open the front cover ①.



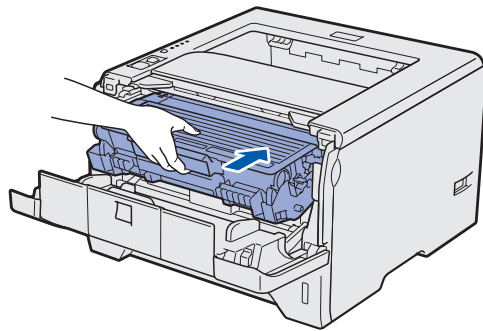
- c** Unpack the drum unit and toner cartridge assembly.



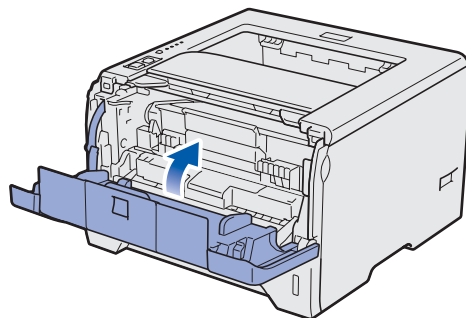
- d** Gently shake it from side to side several times to distribute the toner evenly inside the assembly.



- e** Put the drum unit and toner cartridge assembly into the printer until it clicks into place.

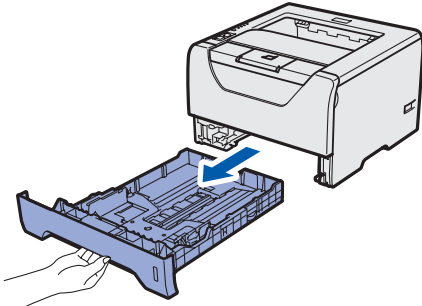


- f** Close the front cover of the printer.

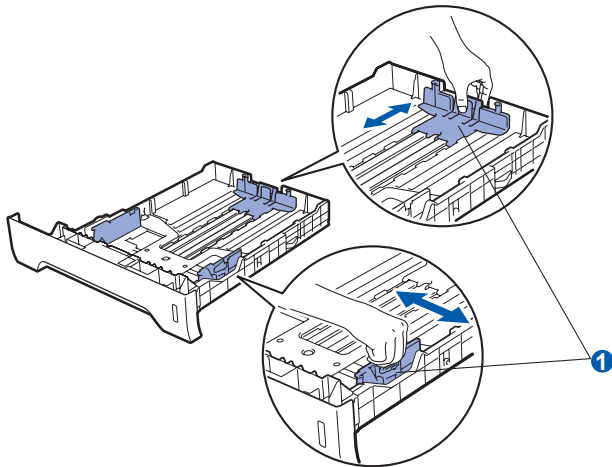


3 Load paper in the paper tray

a Pull the paper tray completely out of the printer.

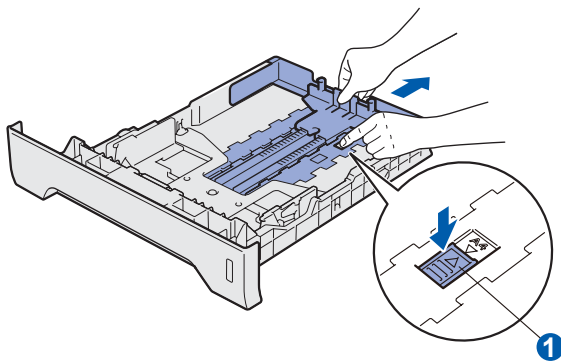


b While pressing the blue paper-guide release lever ①, slide the paper guides to fit the paper size you are loading in the tray. Make sure that the guides are firmly in the slots.

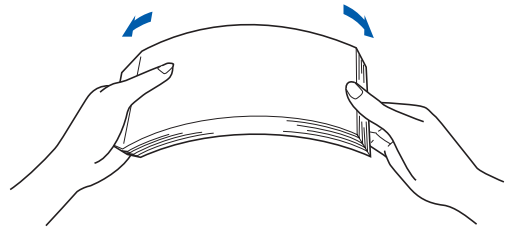


Note

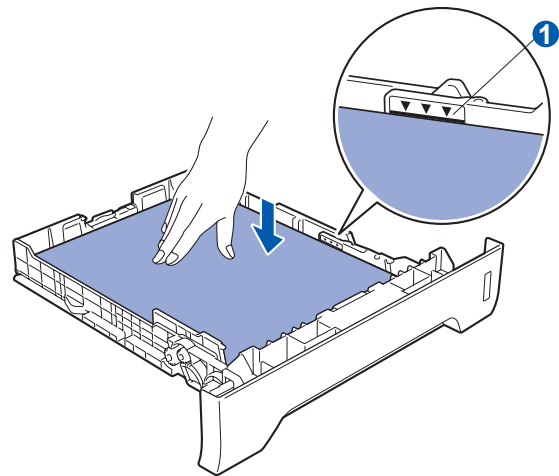
For Legal or Folio size paper, press the release button ① in the bottom of the paper tray and then pull out the back of the paper tray. (Legal or Folio size paper are not available in some regions.)



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



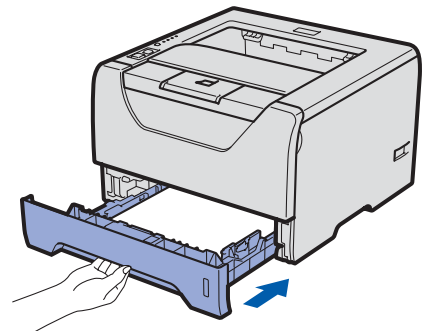
d Put paper in the tray, and make sure that the paper is below the maximum paper mark ①. The side to be printed on must be face down.



! IMPORTANT

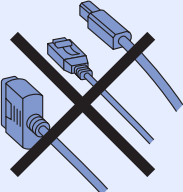
Make sure the paper guides touch the sides of the paper so it will feed properly.

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

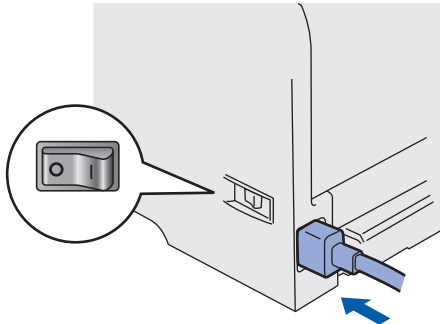


4 Print a test page

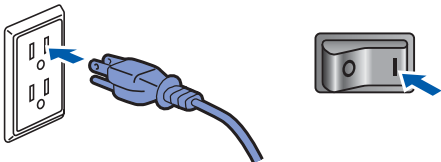
IMPORTANT
DO NOT connect the interface cable yet.



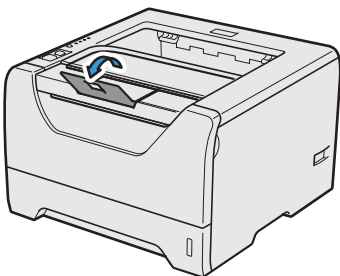
a Make sure that the printer power switch is off. Connect the AC power cord to the printer.



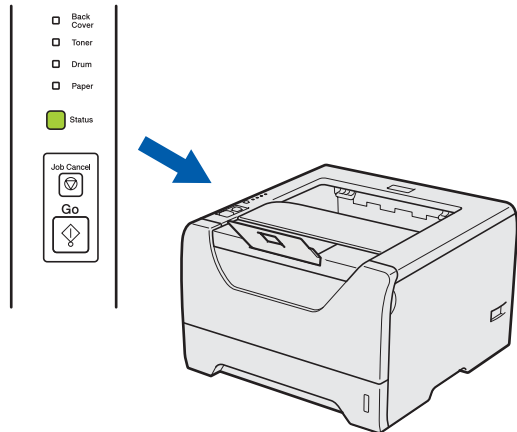
b Turn on the printer power switch.



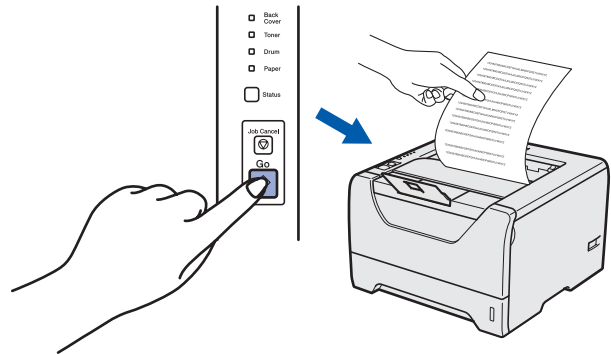
c Unfold support flap1.



d After the printer has finished warming up, the **Status** LED stops blinking and stays green.



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



Note

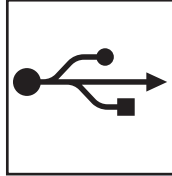
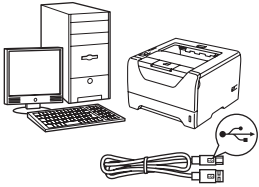
This function will not be available after the first print job you send from your computer.

Now go to

Go to the next page to install the printer driver.

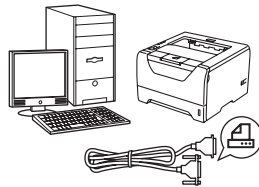
5

Choose your connection type



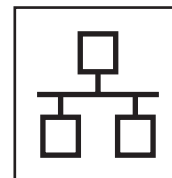
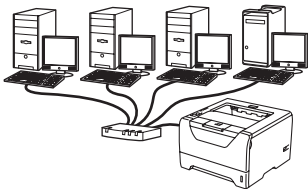
For USB interface cable

Windows[®], go to page 8
Macintosh, go to page 11



For Parallel interface cable

Windows[®], go to page 13



For Wired Network

Windows[®], go to page 15
Macintosh, go to page 20

Windows[®]
Macintosh

Windows[®]
Parallel

Windows[®]
Macintosh
Wired Network

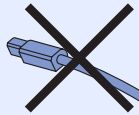


For USB Interface Cable Users

6 Install the printer driver and connect the printer to your computer

IMPORTANT

DO NOT connect the USB interface cable yet.



Note

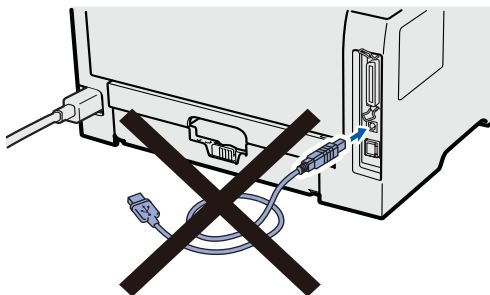
If the **Found New Hardware Wizard** appears on your computer, click **Cancel**.



a Turn off the printer power switch.

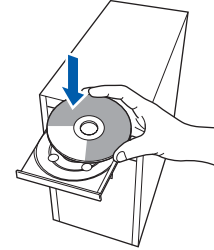


b Make sure the USB interface cable is **NOT** connected to the printer, and then begin installing the printer driver. If you have already connected the cable, remove it.



c Turn on your computer. (You must be logged on with Administrator rights.)

d Put the supplied CD-ROM into your CD-ROM drive. The opening screen will appear automatically. Choose your printer model and the language.



Note

If the Brother screen does not appear automatically, go to **My Computer (Computer)**, double-click the CD-ROM icon, and then double-click **start.exe**.

e Click **Install Printer Driver** on the menu screen.

Note

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



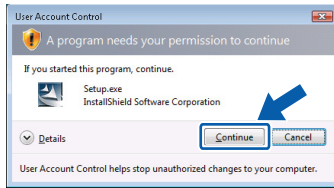


f Click **USB cable users**.



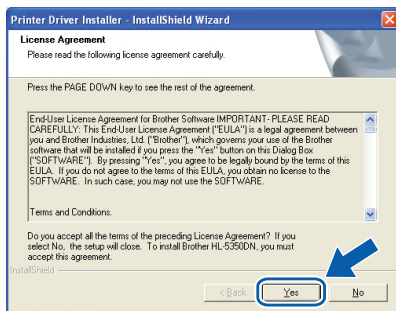
Note

- For Windows Vista®, when the **User Account Control** screen appears, click **Continue**.

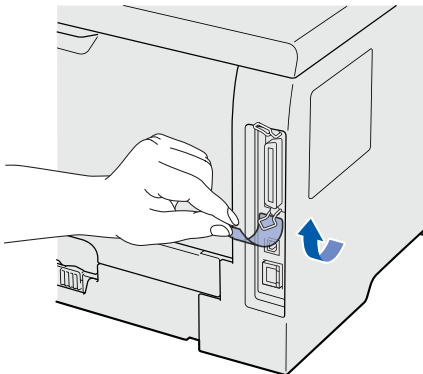



- If you want to install the PS driver (Brother's BR-Script Driver), choose **Custom setup** and then follow the on-screen instructions. When the **Select Components** screen appears, check **PS (PostScript Emulation) Driver**, and then continue following the on-screen instructions.

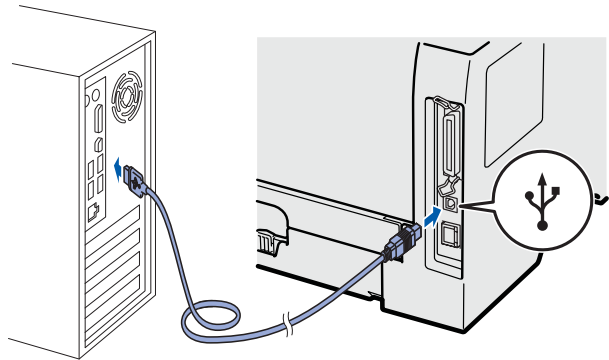
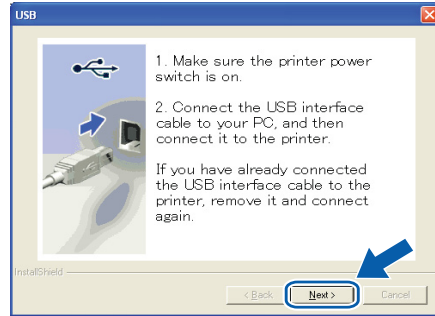
g When the **License Agreement** window appears, click **Yes** if you agree to the License Agreement.



h Remove the label covering the USB interface connector.



i When this screen appears, make sure the printer power switch is on. Connect the USB cable to the USB connector marked with a  symbol, and then connect the cable to the computer. Click **Next**.



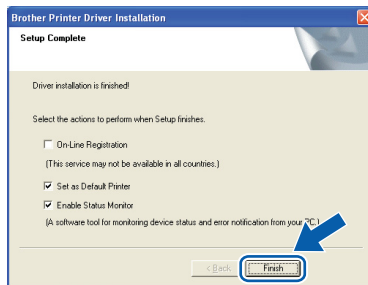


j Click **Finish**.



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**.
- If you want to disable the Status Monitor, uncheck **Enable Status Monitor**.



Finish

The installation is now complete.



Note

XML Paper Specification Printer Driver

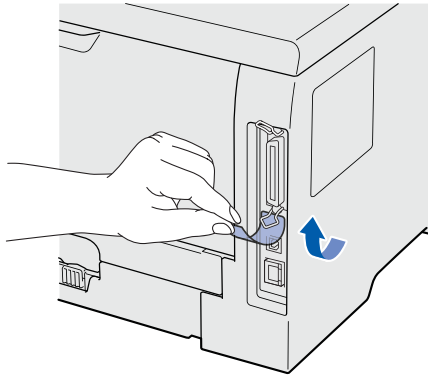
The XML Paper Specification Printer Driver is the most suitable driver when printing from the applications that use the XML Paper Specification documents. Please download the latest driver by accessing the Brother Solutions Center at <http://solutions.brother.com/>.




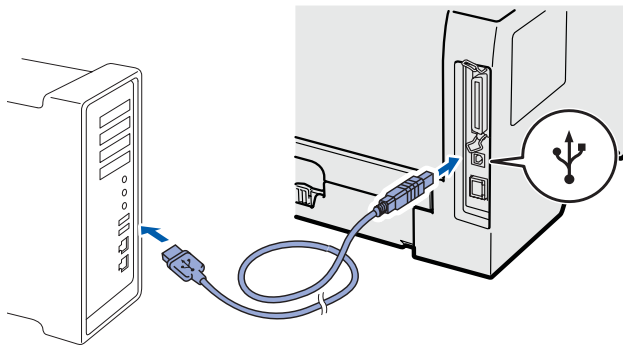
For USB Interface Cable Users

6 Connect the printer to your Macintosh and install the driver

a Remove the label covering the USB interface connector.



b Connect the USB cable to the USB connector marked with a  symbol, and then connect the cable to your Macintosh.

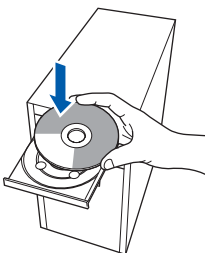


! IMPORTANT
DO NOT connect the printer to a USB port on a keyboard or a non-powered USB hub.

c Make sure the printer power switch is on.



d Turn on your Macintosh. Put the supplied CD-ROM into your CD-ROM drive.



e Double-click the **HL5300** icon on your desktop. Double-click the **Start Here** icon. Follow the on-screen instructions.



f Click **Install Printer Driver** on the menu screen.



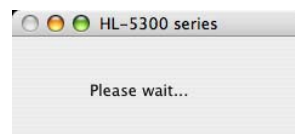
g Click **USB cable users** and follow the on-screen instructions. Then, restart your Macintosh.



Note

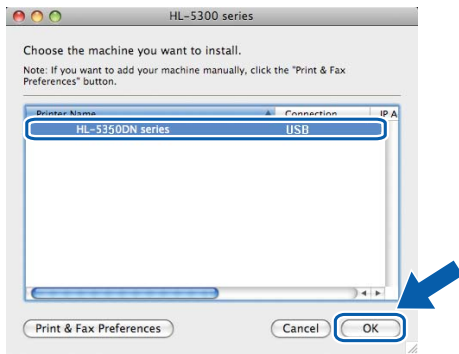
Please see the *User's Guide on the CD-ROM* to install the PS driver (Brother's BR-Script Driver).

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

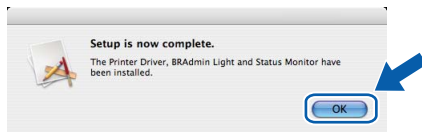




i Choose the printer you wish to connect, and then click **OK**.



j When this screen appears, click **OK**



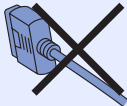
Finish The installation is now complete.




For Parallel Interface Cable Users

6 Install the driver and connect the printer to your computer

IMPORTANT
DO NOT connect the parallel interface cable yet.



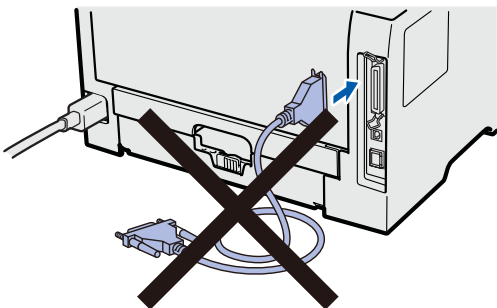
Note
If the **Found New Hardware Wizard** appears on your computer, click **Cancel**.



a Turn off the printer power switch.

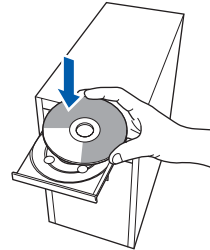


b Make sure the parallel interface cable is **NOT** connected to the printer, and then begin installing the printer driver. If you have already connected the cable, remove it.



c Turn on your computer. (You must be logged on with Administrator rights.)

d Put the supplied CD-ROM into your CD-ROM drive. The opening screen will appear automatically.
Choose your printer model and the language.



Note
If the Brother screen does not appear automatically, go to **My Computer (Computer)**, double-click the CD-ROM icon, and then double-click **start.exe**.

e Click **Install Printer Driver** on the Menu screen.

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



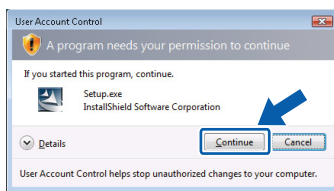


f Click **Parallel cable users**.



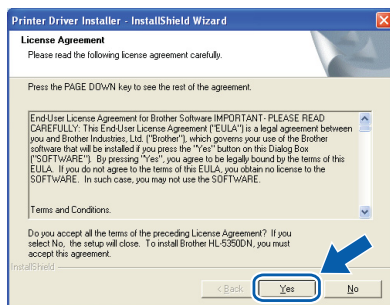
Note

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

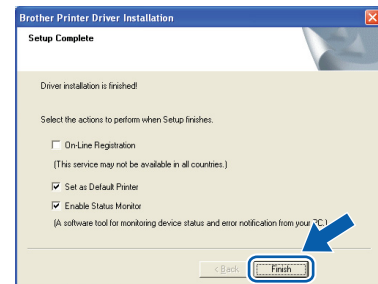
g When the **License Agreement** window appears, click **Yes** if you agree to the License Agreement.



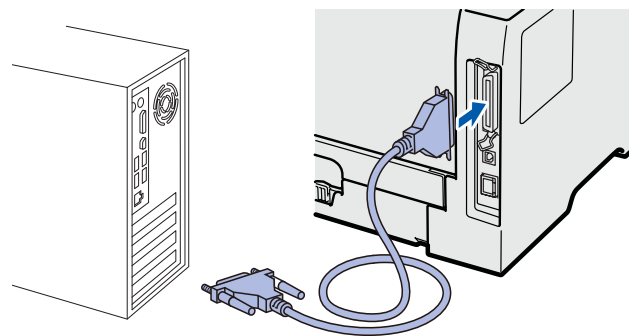
h Click **Finish**.

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**.
- If you want to disable the **Status Monitor**, uncheck **Enable Status Monitor**.



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



j Turn on the printer power switch.



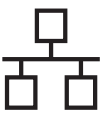
Finish

The installation is now complete.

Note

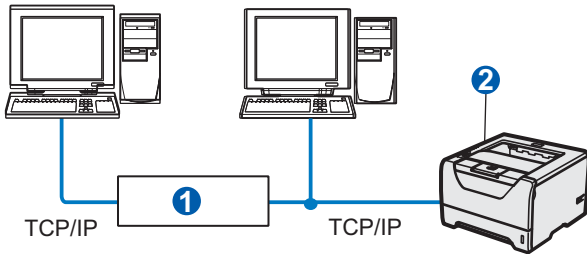
XML Paper Specification Printer Driver

The XML Paper Specification Printer Driver is the most suitable driver when printing from the applications that use the XML Paper Specification documents. Please download the latest driver by accessing the Brother Solutions Center at <http://solutions.brother.com/>.



For Wired Network Interface Cable Users (HL-5350DN only)

6 For Peer-to-Peer network printer users




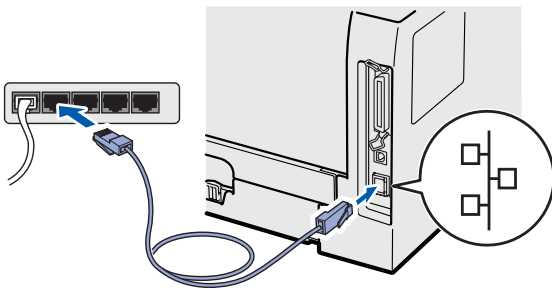
- 1 Router
- 2 Network printer

Note

If you are using Windows® Firewall or a firewall function of anti-spyware or antivirus applications, temporarily disable them. Once you are sure that you can print, configure the software settings following the instructions.

Connect the printer to your network and install the driver

- a Connect the network interface cable to the LAN connector marked with a  symbol and then connect it to a free port on your hub.

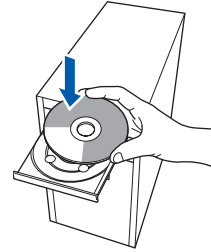


- b Make sure the printer power switch is on.



- c Turn on your computer. (You must be logged on with Administrator rights.)

- d Put the supplied CD-ROM into your CD-ROM drive. The opening screen will appear automatically. Choose your printer model and the language.



Note

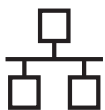
If the Brother screen does not appear automatically, go to **My Computer (Computer)**, double-click the CD-ROM icon, and then double-click **start.exe**.

- e Click **Install Printer Driver** on the menu screen.

Note

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



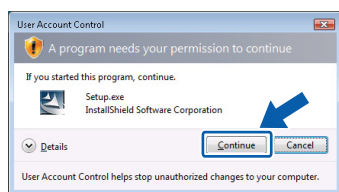


f Click **Network cable users**.



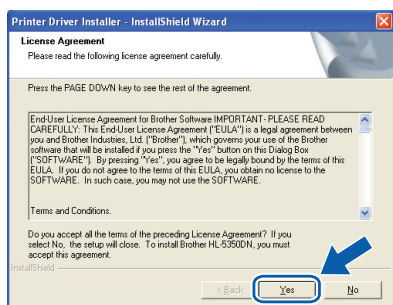
Note

- For Windows Vista®, when the **User Account Control** screen appears, click **Continue**.

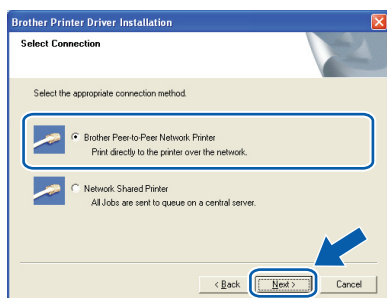


- If you want to install the **PS driver (Brother's BR-Script Driver)**, choose **Custom setup** and then follow the on-screen instructions. When the **Select Components** screen appears, check **PS (PostScript Emulation) Driver**, and then continue following the on-screen instructions.

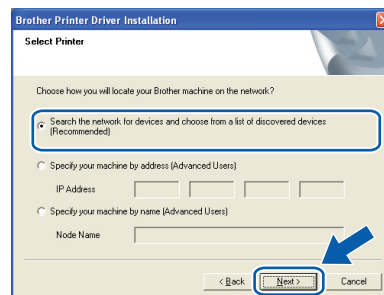
g When the **License Agreement** window appears, click **Yes** if you agree to the License Agreement.



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



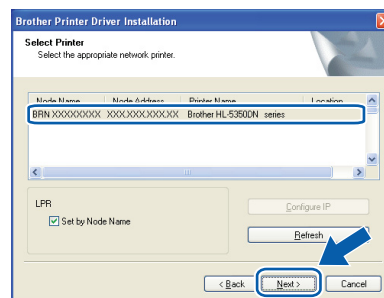
i Choose **Search the network for devices and choose from a list of discovered devices (Recommended)**. Or enter your printer's IP Address or its node name. Click **Next**.



Note

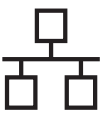
You can find your printer's IP Address and the node name by printing out the **Printer Settings Page**. See **Print the Printer Settings Page** on page 24.

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



Note

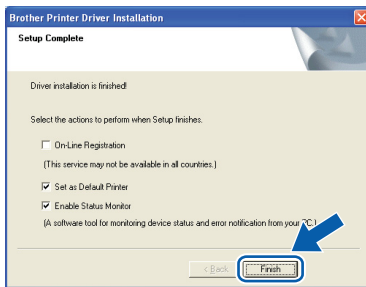
If your printer takes a long time (about 1 minute) to appear on the list, click **Refresh**.



k 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**.
- If you want to disable the Status Monitor, uncheck **Enable Status Monitor**.
- If you disabled your Personal Firewall software (e.g. Windows® Firewall), turn it back on.



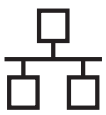
Finish

The installation is now complete.

Note

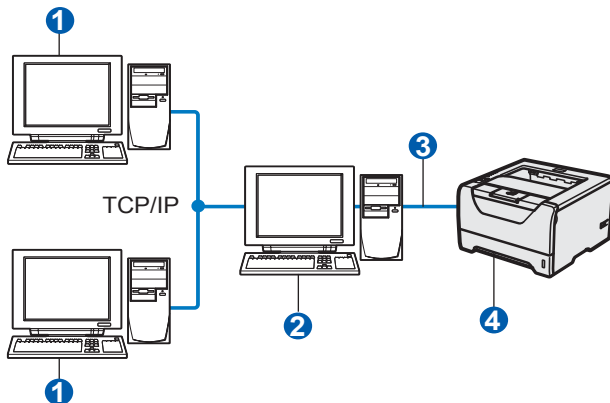
XML Paper Specification Printer Driver

The XML Paper Specification Printer Driver is the most suitable driver when printing from the applications that use the XML Paper Specification documents. Please download the latest driver by accessing the Brother Solutions Center at <http://solutions.brother.com/>.



6

For shared network printer users



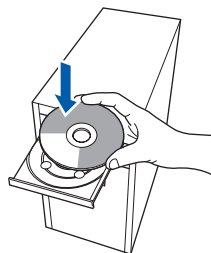
- 1 Client computer
- 2 Also known as "Server" or "Print server"
- 3 TCP/IP or USB or Parallel
- 4 Printer

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.

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

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



Note

If the Brother screen does not appear automatically, go to **My Computer (Computer)**, double-click the CD-ROM icon, and then double-click **start.exe**.

- c Click **Install Printer Driver** on the menu screen.

Note

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

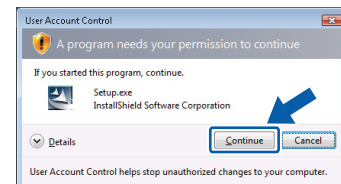


- d Click **Network cable users**.

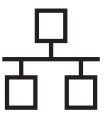


Note

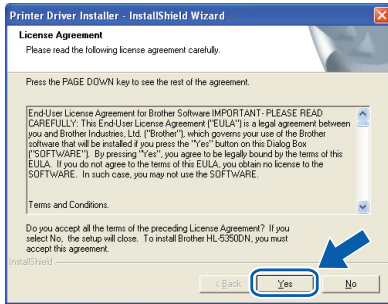
- For Windows Vista®, when the **User Account Control** screen appears, click **Continue**.



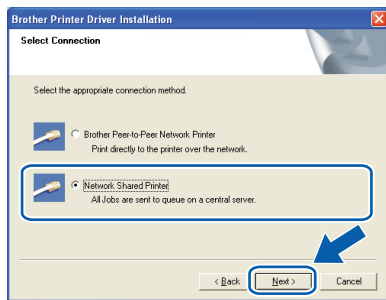
- If you want to install the PS driver (Brother's BR-Script Driver), choose **Custom setup** and then follow the on-screen instructions. When the **Select Components** screen appears, check **PS (PostScript Emulation) Driver**, and then continue following the on-screen instructions.



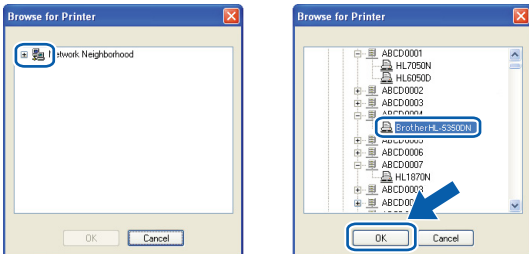
- e** When the **License Agreement** window appears, click **Yes** if you agree to the License Agreement.



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



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



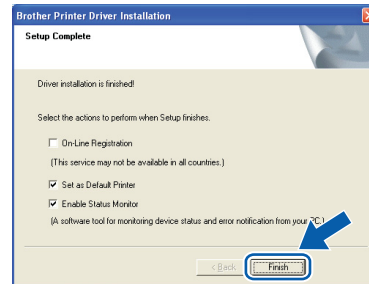
Note
Contact your administrator if you do not know the location or the name of the printer in the network.

- h** 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**.
- If you want to disable the Status Monitor, uncheck **Enable Status Monitor**.



Finish

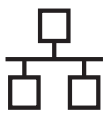
The installation is now complete.



Note

XML Paper Specification Printer Driver


The XML Paper Specification Printer Driver is the most suitable driver when printing from the applications that use the XML Paper Specification documents. Please download the latest driver by accessing the Brother Solutions Center at <http://solutions.brother.com/>.

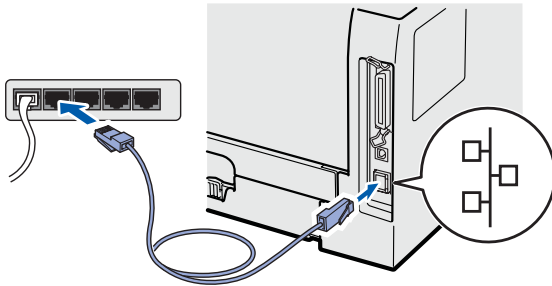


For Wired Network Interface Cable Users (HL-5350DN only)

6

Connect the printer to your Macintosh and install the driver

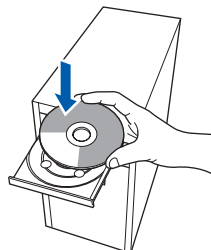
- a** Connect the network interface cable to the LAN connector marked with a  symbol and then connect it to a free port on your hub.



- b** Make sure the printer power switch is on.



- c** Turn on your Macintosh. Put the supplied CD-ROM into your CD-ROM drive.



- d** Double-click the **HL5300** icon on your desktop. Double-click the **Start Here** icon. Follow the on-screen instructions.



- e** Click **Install Printer Driver** on the menu screen.



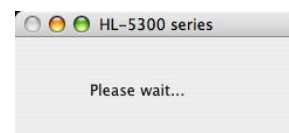
- f** Click **Network cable users** and follow the on-screen instructions. Then, restart your Macintosh.

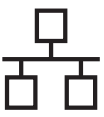


Note

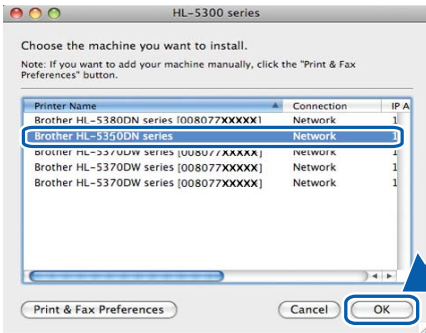
Please see the User's Guide on the CD-ROM to install the PS driver (Brother's BR-Script Driver).

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





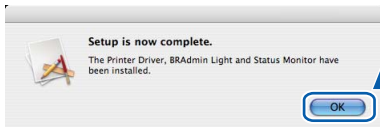
- h** Choose the printer you wish to connect, and then click **OK**.



Note

- If there is more than one of the same printer model connected on your network, the MAC Address (Ethernet Address) will be displayed after the model name. You can also confirm your IP Address by scrolling to the right.
- You can find your printer's MAC Address (Ethernet Address) and the IP Address by printing out the Printer Settings Page. See *Print the Printer Settings Page* on page 24.

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



Finish

The installation 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 in a TCP/IP environment, view the status and configure basic network settings, such as IP Address. For more information on BRAdmin Light, visit us at <http://solutions.brother.com/>.

Note

- If you require more advanced printer management, use the latest Brother BRAdmin Professional 3 utility that is available as a download from <http://solutions.brother.com/>.
- If you are using a firewall function of anti-spyware or antivirus applications, temporarily disable them. Once you are sure that you can print, configure the software settings following the instructions.

Install the BRAdmin Light configuration utility

Note

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

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

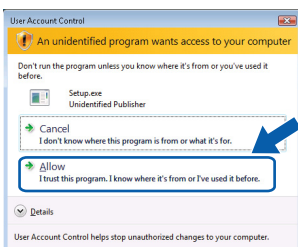


- b** Click **BRAdmin Light** and follow the on-screen instructions.



Note

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

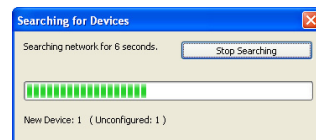


Set your IP Address, Subnet Mask and Gateway using BRAdmin Light

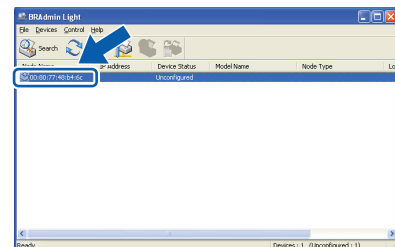
Note

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.

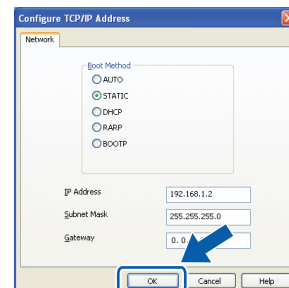
- a** Start BRAdmin Light. It will search for new devices automatically.



- b** Double-click the unconfigured device.



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



- d** 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 10.3.9 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/>.

Set your IP Address, Subnet Mask and Gateway using BRAdmin Light

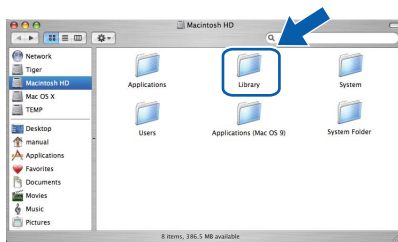
Note

- If you have a DHCP/BOOTP/RARP server in your network, you don't have to do the following operation. The print server will automatically obtain its own IP Address.
- Make sure that version 1.4.2 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.

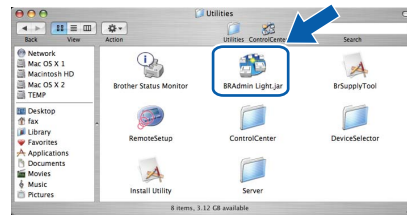
- a** Double-click the **Macintosh HD** icon on your desktop.



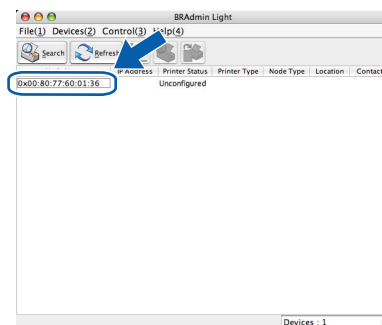
- b** Choose **Library**, **Printers**, **Brother** and then **Utilities**.



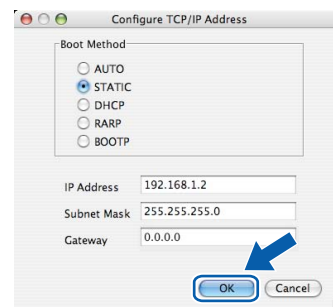
- c** Double click the file **BRAdmin Light.jar** and run the software. BRAdmin Light will then search for new devices automatically.



- d** Double-click the unconfigured device.



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



- f** 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 login name for the Administrator is **'admin'** (case sensitive) and the default password is **'access'**.
- We recommend Microsoft® Internet Explorer® 6.0 (or greater) or Firefox 1.0 (or greater) for Windows® and Safari 1.3 (or greater) for Macintosh. Please also make sure that JavaScript and Cookies are always enabled in whichever browser you use. To use a web browser, you will need to know the IP Address of the print server. The IP Address of the print server is listed on the Printer Settings Page.



- Start your web browser.
- 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/`



See Chapter 10 of the Network User's Guide.

Reset the network settings to the factory default

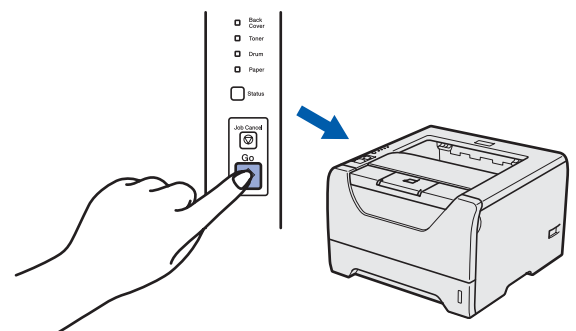
To reset all network settings of the print server to its factory default, follow the steps below.

- Turn off the printer.
- Make sure that the front cover is closed and the power cord is plugged in.
- Hold down **Go** as you turn on the power switch. Keep **Go** pressed down until the all LEDs light up and then **Status** LED turns up. Release **Go**. Make sure that all the LEDs turn off.
- Press **Go** six times. Make sure that all the LEDs light up to indicate the print server has been reset to its default settings. The printer will restart.

Print the Printer Settings Page

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

- Make sure that the front cover is closed and the power cord is plugged in.
- Turn on the printer and wait until the printer is in the Ready state.
- Press **Go** three times within 2 seconds. The printer will print the current printer settings page.



Note

If the IP Address on the Printer Settings Page shows **0.0.0.0**, wait for one minute and try again.

Safety precautions

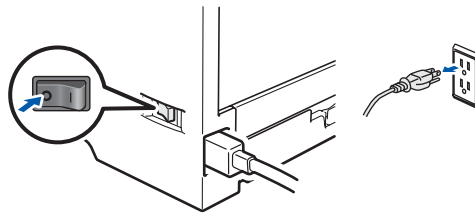
To use the printer safely

If you DO NOT follow these safety instructions, there is a possibility of a fire, electrical shock, burn or suffocation. Please keep these instructions for later reference and read them before attempting any maintenance.

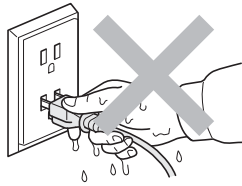
WARNING



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.



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



Always make sure the plug is fully inserted.

Plastic bags are used in the packaging. To avoid danger of suffocation, keep these bags away from babies and children.

DO NOT use flammable substances, any type of spray or any organic solvent/liquids containing alcohol or ammonia to clean the inside or outside of the printer. Doing this may cause a fire or electrical shock. Refer to *Chapter 6 of the User's Guide* for how to clean the printer.



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. Carefully clean the toner dust with a dry, lint-free cloth and dispose of it according to local regulations.

Cleaning the outside of the printer:

- Make sure that you have unplugged the printer from the AC power outlet.
- Use neutral detergents. Cleaning with volatile liquids such as thinner or benzene will damage the outside surface of the printer.
- DO NOT use cleaning materials that contain ammonia.

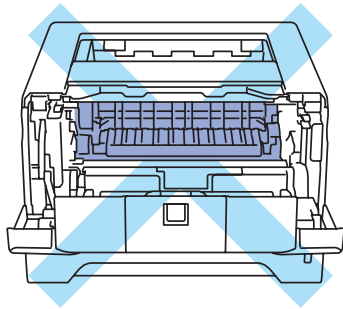
Other Information

⚠ CAUTION

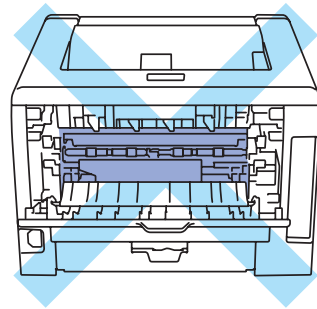
Lightning and power surges can damage this product! We recommend that you use a quality surge protection device on the AC power outlet, or unplug the cords during a lightning storm.



After you have just used the printer, some internal parts of the printer will be extremely hot. When you open the front or back cover (back output tray) of the printer, **DO NOT** touch the shaded parts shown in the illustration.



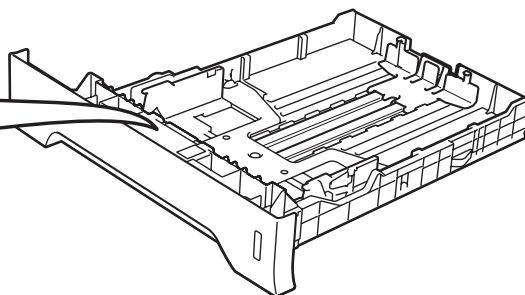
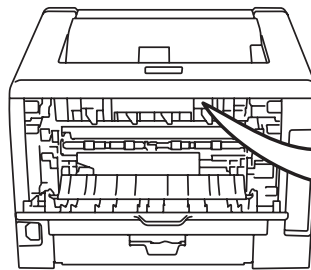
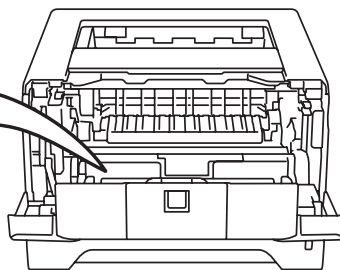
Inside the printer
(Front View)



Inside the printer
(Back View)

⚠ IMPORTANT

DO NOT remove or damage the caution labels located on or around the fuser inside the printer.



Regulations

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

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

declares, that the products

Product name: Laser Printer HL-5340D, HL-5350DN
Model number: HL-53

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

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

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

Important

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

Important - about the interface cable

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

Industry Canada Compliance Statement (For Canada only)

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

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

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

Radio interference (220-240 volt model only)

This product complies with EN55022 (CISPR Publication 22)/Class B.

EC Declaration of Conformity

EC Declaration of Conformity

Manufacturer

Brother Industries Ltd.
15-1, Naeshiro-cho, Mizuho-ku, Nagoya 467-8561 Japan

Plant

Brother Technology (ShenZhen) Ltd.,
NO6 Gold Garden Ind. Nanling Buji, Longgang, Shenzhen, China

Herewith declare that:

Product description : Laser Printer
Product Name : HL-5340D, HL-5350DN
Model Number : HL-53

are in conformity with provisions of the Directives applied : Low Voltage Directive 2006/95/EC and the Electromagnetic Compatibility Directive 2004/108/EC.

Harmonized standards applied :

Safety	EN60950-1:2006
EMC	EN55022:2006 Class B EN55024:1998 + A1:2001 + A2:2003 EN61000-3-2:2006 EN61000-3-3:1995 + A1:2001 + A2:2005

Year in which CE marking was first affixed : 2008

Issued by : Brother Industries, Ltd.

Date : 3rd September, 2008

Place : Nagoya, Japan

Signature :

Junji Shiota
General Manager
Quality Management Dept.

International ENERGY STAR® Compliance Statement

The purpose of the International ENERGY STAR® Program is to promote the development and popularization of energy-efficient office equipment. As an ENERGY STAR® Partner, Brother Industries, Ltd. has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



Laser Safety

This equipment is certified as a Class 1 laser product as defined in IEC 60825-1+A2: 2001 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 equipment does not produce hazardous laser radiation.

Since radiation emitted inside the equipment 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

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 equipment 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 June 24, 2007.

IEC 60825-1+A2:2001 Specification

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



This machine has a Class 3B Laser Diode which emits invisible laser radiation in the Laser Unit. The Laser Unit should not be opened under any circumstances.

! WARNING

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

Internal laser radiation

Maximum radiation power:	5 mW
Wave length:	770 - 810 nm
Laser class:	Class 3B

EU Directive 2002/96/EC and EN50419



European Union only

This equipment is marked with the above recycling symbol. It means that at the end of the life of the equipment you must dispose of it separately at an appropriate collection point and not place it in the normal domestic unsorted waste stream. This will benefit the environment for all. (European Union only)

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 three-pin 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.

Disconnect device

This product must be installed near an AC power outlet that is easily accessible. In case of emergencies, you must disconnect the power cord from the AC power outlet to shut off power completely.

LAN connection (For Model HL-5350DN only)

CAUTION

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

Wiring information (for UK only)

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. If in any doubt, call a qualified electrician.

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

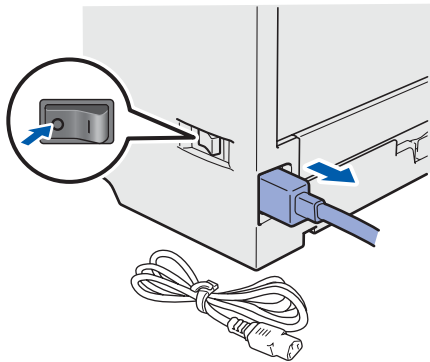
Shipment of the printer

If for any reason you must ship your printer, carefully package the printer to avoid any damage during transit. We recommend that you save and use the original packaging. The printer should also be adequately insured with the carrier.

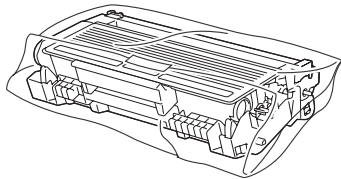
CAUTION

When shipping the printer, the DRUM UNIT and TONER CARTRIDGE assembly must be removed from the printer and put in a plastic bag. Failure to remove the unit and put it in a plastic bag before shipping may cause severe damage to the printer and may VOID THE WARRANTY.

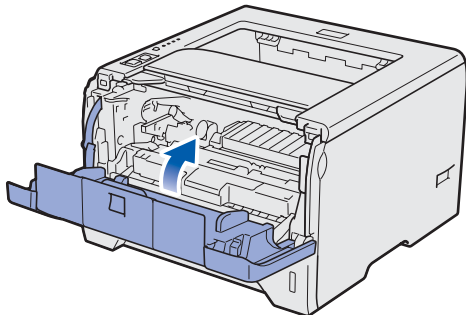
- a** Turn off the printer power switch, and then unplug the AC power cord.



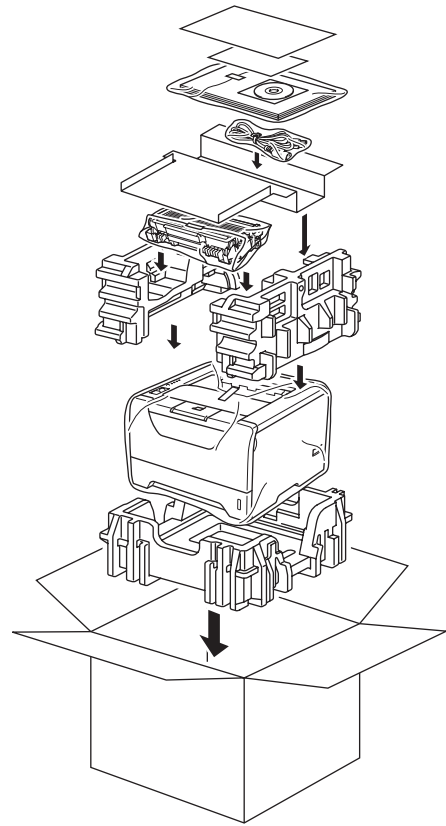
- b** Remove the drum unit and toner cartridge assembly. Put it in a plastic bag and seal the bag completely.



- c** Close the front cover.



- d** Repack the printer.




Supplied CD-ROM


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

Windows®




 **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, All Programs**¹, your printer, and then **User's Guide in HTML format**. 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.

¹ **Programs** for Windows® 2000 users

 **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 printer, read FAQs and troubleshooting tips, or learn about printer solutions.


 **On-Line Registration**
Register your product on-line.


 **Supplies Information**
Visit our website for original/genuine Brother supplies at <http://www.brother.com/original/>.

Macintosh



 **Install Printer Driver**
Install the printer driver.

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

 **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 printer, read FAQs and troubleshooting tips, or learn about printer solutions.

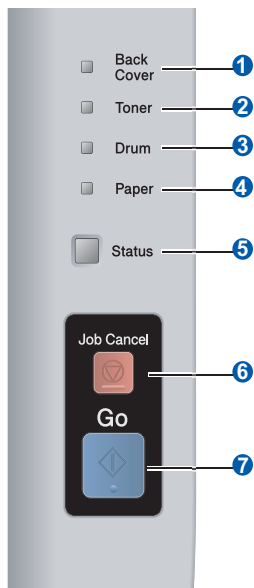
 **On-Line Registration**
Register your product on-line.

 **Supplies Information**
Visit our website 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.

Control panel








































- 1 Back Cover LED**
The Back Cover LED indicates when errors occur in the back of the printer.
- 2 Toner LED**
The Toner LED indicates when the toner is low or requires replacement.
- 3 Drum LED**
The Drum LED indicates when the drum life will end soon, the drum is at the end of its life or the corona wire needs cleaning.
- 4 Paper LED**
The Paper LED indicates when the paper tray is empty or there is a paper jam.
- 5 Status LED**
The Status LED will be on/blink or change color depending on the printer status.
- 6 Job Cancel button**
Stops and Cancels the print operation in progress.
- 7 Go button**
Wake-up / Error recovery / Form feed / Reprint




























































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

Printer LED Indications

Blinking:  or  or  ON:  or  or  OFF: 

Printer LED	OFF	Sleep	Warming up ¹	Ready	Receiving data ²	Print data remaining
Back Cover						
Toner						
Drum						
Paper						
Status		 Dimmed Green	 Green	 Green	 Yellow	 Yellow

Printer LED	Toner low ³	Replace toner	Drum life will end soon ³	Replace drum	Drum error
Back Cover					
Toner	 Yellow	 Yellow			
Drum			 Yellow	 Yellow	 Yellow
Paper					
Status	 Green	 Red	 Green	 Green	 Red
 User's Guide	Chapter6	Chapter6	Chapter6	Chapter6	Chapter4

Printer LED	Front cover open	Fuser cover open ² / Duplex disabled	Paper jam / Incorrect paper size ²	No paper	Paper jam (Back cover or Duplex tray) ²	Service call ²
Back Cover		 Yellow			 Yellow	 Yellow
Toner						 Yellow
Drum						 Yellow
Paper			 Yellow	 Yellow	 Yellow	 Yellow
Status	 Red	 Red	 Red	 Red	 Red	 Red
 User's Guide	Chapter7	Chapter7	Chapter7	Chapter7	Chapter7	Chapter4

¹ The LED will blink in a pattern of ON for 1 second and then OFF for 1 second.

² The LED will blink in a pattern of ON for 0.5 seconds and then OFF for 0.5 seconds.

³ The yellow LED will blink in a pattern of ON for 2 seconds and then OFF for 3 seconds.

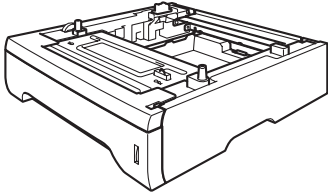
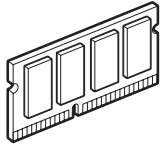
Options and Consumables

Options

The printer has the following optional accessories. You can expand the capabilities of the printer by adding these items. For more details about the optional Lower Tray Unit and compatible SO-DIMM Memory, visit us at <http://solutions.brother.com/>.



For installing these items, see Chapter 5 of the User's Guide on the CD-ROM.

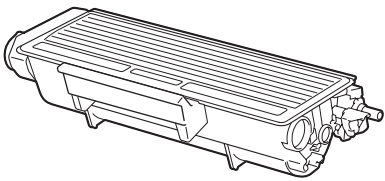
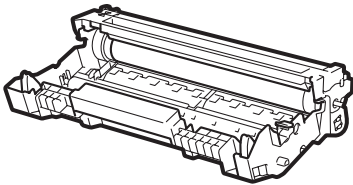
Lower Tray Unit	SO-DIMM Memory
LT-5300	
 <p>Second lower paper tray unit can hold up to 250 sheets of paper. When the tray is installed, the printer expands total input capacity up to 550 sheets.</p>	 <p>You can expand the memory by installing a (144-pin SO-DIMM) memory module.</p>

Consumables

When the time comes to replace consumable items, an error will be indicated by the LED's on the control panel. For more information about the consumables for your printer, visit us at <http://www.brother.com/original/> or contact your local Brother reseller.



For replacing the consumable items, see Chapter 6 of the User's Guide on the CD-ROM.

Toner cartridge	Drum unit
	

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