Before you can use the printer, you must set up the hardware and install the driver. Please read this ‘Quick Setup Guide’ for proper set up and installation instructions.

**STEP 1**
Setting Up the Machine

**STEP 2**
Installing the Printer Driver

**Setup is Complete!**

How to use the printer, see the User’s Guide on the CD-ROM.

Keep this ‘Quick Setup Guide’ and the supplied CD-ROM in a convenient place for quick and easy reference at all times. To view the Quick Setup Guide in other languages, please visit [http://solutions.brother.com](http://solutions.brother.com).
# Symbols used in this guide

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Improper Setup icons alert you to devices and operations that are not compatible with the printer.</td>
<td>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.</td>
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To Use the Printer Safely

**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.

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

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

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.
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.
Safety Precautions

Regulations

Federal Communications Commission (FCC) Declaration of Conformity (For USA)
Responsible Party: Brother International Corporation
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-2170W
Model number: HL-21

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.
Safety Precautions

EC Declaration of Conformity

Manufactured:
Brother Industries Ltd.,
1-1, Nakanoshima, Minato-ku, Nagoya 460-8661, Japan

Printed:
Brother Technology (Shenzhen) Ltd.,
NO6 Gold Garden Ind. Nanding Buji, Longgang, Shenzhen, China

Hereby declares that:
Product Name: Laser Printer
Model Number: HL-2170W

as 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
EN61000-3-2:2006
EN61000-3-3:2001

Radiation:
EN60825-1 V1.6.1
EN60825-17 V1.2.1
EN50028 V1.6.1

Year in which CE marking was first affixed: 2007

Issued by: Brother Industries, Ltd.
Date: 30th September, 2007
Place: Nagoya, Japan
Signature:

Junti Saita
General Manager
Quality Management Dept.
Printing & Solutions Company

International ENERGY STAR® Compliance
Statement (110 to 120 volt Model Only)
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 (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., Nanding 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.

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

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.

![CLASS 1 LASER PRODUCT APPAREL A LASER DE CLASSE 1 LASER KLASSE 1 PRODUKT]

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.

**Caution**
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.

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

Internal laser radiation
Maximum radiation power: 10 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 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.

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.

Wi-Fi Alliance certification
This wireless Ethernet multi-function print server is a Wi-Fi certified IEEE 802.11b/802.11g product by the Wi-Fi Alliance. For more information on the Wi-Fi Alliance and other Wi-Fi certified products, visit http://www.wi-fi.org.

Maximum radiation power: 10 mW
Wave length: 780 - 800 nm
Laser class: Class 3B
Carton Components

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.

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

USB cable
- Please make sure you use a USB 2.0 interface cable that is no longer than 6 feet (2 meters).
- Your printer has a USB interface that is compatible with the USB 2.0 specification. This interface is also compatible with Hi-Speed USB 2.0; however, maximum data transfer rate will be 12 Mbits/s. The printer can also be connected to a computer that has a USB 1.1 interface.
- DO NOT connect the interface cable at this time. Connecting the interface cable is done during the printer driver installation process.
- 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.

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

Control panel

1. **Toner LED**
   - The Toner LED indicates when the toner is low or at the end of its life.

2. **Drum LED**
   - The Drum LED indicates when the drum is nearing the end of its life.

3. **Error LED**
   - The Error LED indicates when the printer is in one of the following states: No paper / Paper jam / Cover open

4. **Ready LED**
   - The Ready LED will flash depending on the printer status.

**Go button**
- Wake-up / Error recovery / Form feed / Job Cancel / Reprint / Enable or Disable the wireless network

*For the details of the control panel, see Chapter 4 of the User’s Guide on the CD-ROM.*
Printer LED Indications

<table>
<thead>
<tr>
<th>Printer LED</th>
<th>OFF</th>
<th>Sleep</th>
<th>Warming up Cooling down</th>
<th>Ready</th>
<th>Receiving data</th>
<th>Print Data remaining</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toner</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drum</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Error</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ready (Blue)</td>
<td></td>
<td></td>
<td>Dimmed</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Printer LED</th>
<th>Toner low</th>
<th>Toner life end</th>
<th>Drum near end of life</th>
<th>Cover open Paper jam</th>
<th>No paper</th>
<th>Drum Error</th>
<th>Service call</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toner (Yellow)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drum (Yellow)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Error (Red)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ready (Blue)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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- Chapter 4
- Chapter 4

LED indications when using the one-push wireless setting mode

<table>
<thead>
<tr>
<th>Printer LED</th>
<th>Searching or accessing the access point</th>
<th>Connecting and downloading settings from the access point</th>
<th>Connection succeeded</th>
<th>Connection failed</th>
<th>Session overlap is detected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toner (Yellow)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drum (Yellow)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Error (Red)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ready (Blue)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

1. The LED will blink (turn on for 0.2 seconds and off for 0.1 second).
2. The LED will turn on for 5 minutes.
3. The LED will blink (turn on for 0.1 second and off for 0.1 second) for 30 seconds.
4. The LED will flash 10 times and then turn OFF for half a second. This pattern will repeat 20 times.
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** button, **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

- **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®**

- **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.

- **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/

**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.
STEP 1  Setting Up the Machine

1 Installing the drum unit and toner cartridge assembly

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

1 Open the front cover.

2 Unpack the drum unit and toner cartridge assembly.

3 Rock it from side to side several times to distribute the toner evenly inside the assembly.

4 Put the drum unit and toner cartridge assembly into the printer.

5 Close the front cover of the printer.
1 Pull the paper tray completely out of the printer.

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

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 (1).

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

Note
For Legal size paper, press the release button in the bottom of the paper tray and then pull out the back of the paper tray.
3 Printing a test page

Improper Setup
DO NOT connect the interface cable yet.

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

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

3 Unfold support flap 1.

4 After the printer has finished warming up, the Ready LED / Go button (1) stops blinking and stays blue.

5 Press the Go button. 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.
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 http://solutions.brother.com.

**Windows®**

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- For wired network interface cable users ............................................... 16
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**Macintosh®**

- For USB interface cable users ................................................................. 30
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The screens for Windows® in this Quick Setup Guide are based on Windows® XP.
The screens for Mac OS® X in this Quick Setup Guide are based on Mac OS® X 10.4.
STEP 2 Installing the Printer Driver

For USB interface cable users

_improper setup_

Do not connect the interface cable yet.

Note

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

Installing the driver and connecting the printer to your computer

1. Turn off the printer power switch.

2. 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.

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


Note

If the opening screen does not appear, use Windows Explorer to run the start.exe program from the root folder of the Brother CD-ROM.

5. Click Install Printer Driver on the menu screen.

Note

Choose the Install Printer Driver icon for your region.

6. Click USB cable users.
Installing the Printer Driver

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

2. 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.

3. Click Finish.

4. Note
   For Windows Vista™, when the User Account Control screen appears, click Continue.

5. Setup is now complete.

6. 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.

7. 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

For Peer-to-Peer network printer users

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

2. Make sure the printer power switch is on.

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


5. Click "Install Printer Driver" on the menu screen.

6. Click "Network cable users."
Installing the Printer Driver

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

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

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

4. 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.

5. Choose your printer, and then click Next.

6. Click Finish.

7. Note
   For Windows Vista™, when the User Account Control screen appears, click Continue.

8. 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 46.

9. 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.

10. 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.

11. Setup is now complete.

12. 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 46.
**Installing the Printer Driver**

**Windows®**

**Wired Network**

For shared network printer users

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

**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. Turn on your computer. (You must be logged on with Administrator rights.)
2. 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 opening screen does not appear, use Windows® Explorer to run the **start.exe** program from the root folder of the Brother CD-ROM.

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

**Note**

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

4. Click **Network cable users**.

**Note**

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

5. When the License Agreement window appears, click **Yes** if you agree to the License Agreement.
6 Choose **Network Shared Printer**, and then click **Next**.

7 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.

8 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.

**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](http://solutions.brother.com).
For wireless network users

Connecting your wireless printer and wireless network together and installing 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 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.

Although Brother HL-2170W can be used in a both wired and wireless network, only one of the connection methods can be used at a time.

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. Choose your setup method from the next page and follow the instructions. 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. You must know your wireless network settings before you proceed with this 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.

Infrastructure Mode

1 Access Point
2 Wireless Network printer (your machine)
3 Wireless capable computer connected to the access point
4 Wired computer connected to the access point
Confirm your wireless network setup method
The setup process will be different depending on your network environment.

- Configuration using the Brother installer application on the CD-ROM to configure your wireless network printer (Recommended)
  - Configuration temporarily using a network cable

If there is an Ethernet Hub or Router in the same network as the wireless access point (A) of your printer, you can temporarily connect the Hub or Router to the printer using an Ethernet cable (B), this is an easy way to configure the printer. You can then remotely configure the printer from a computer on the network.

For instructions, go to Configuration in Infrastructure mode, using a network cable temporarily on page 22.

- Configuration using the automatic wireless (one-push) method

If your wireless access point (A) supports either SecureEasySetup™, Wi-Fi Protected Setup™ (PBC ¹) or AOSS™, you do not need to use a computer to configure the wireless settings. The access point (router) and your printer can automatically negotiate using the SecureEasySetup™, Wi-Fi Protected Setup™ or AOSS™ procedure.

¹ Push Button Configuration
For instructions, see Configuration using the automatic wireless (one-push) method on page 26.

- Configuration using the PIN Method of Wi-Fi Protected Setup™

If your wireless access point (A) supports Wi-Fi Protected Setup™, you can also configure using the PIN Method of Wi-Fi Protected Setup™.

For instructions, see Chapter 7 in the Network User's Guide on the CD-ROM.
STEP 2  Installing the Printer Driver

Windows®

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 46)

• You must know your wireless network settings before you proceed with this installation.

• You need to temporarily use an Ethernet cable during configuration.

Configure the wireless settings

1  Make sure the printer power switch is on.

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

3  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 opening screen does not appear, use Windows® Explorer to run the start.exe program from the root folder of the Brother CD-ROM.

4  Click Install Printer Driver on the menu screen.

5  Click Wireless Network users.

Note

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

6  Choose Wireless Setup and Driver Install (Recommended), and then click Next.

7  Choose Step by Step install (Recommended) and then click Next.
8 Choose **With cable (Recommended)** and then click **Next**.

9 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**.

10 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 “BRNxxxxxxxxxxxx”.

11 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**.

**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 then click **Next**.

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

**Note**

- 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 then click **Next**.
13 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 Confirm Network Key, and then click Next.

Note
- If you want to setup more than WEP key1, click Advanced.
- If you do not know the Authentication or Encryption settings for your network, contact your network administrator.
- If the Authentication Method is set to Open System and the Encryption Mode is set to WEP, an error indication will NOT appear if the Network key is incorrect.

14 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.

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

Installing the printer driver

⚠️ Improper Setup
- DO NOT try to cancel any of the screens during this installation.
- If your wireless settings fail, an error message will appear during the installation of the printer driver and the installation will be terminated. If you encounter this failure, please go back to step 4 and setup the wireless connection again.

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

17 Choose Standard Installation, and then click Next.
18 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 46.

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

**Note**

If your printer takes a long time to appear on the list, 1 minute or more, then click **Refresh**. If your printer still fails to appear, reset the print server back to the default factory settings (see page 46) and go back to step 4 and try the wireless setup again.

20 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.**

**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](http://solutions.brother.com).
Configuration using the automatic wireless (one-push) method

If your wireless access point supports either SecureEasySetup™, Wi-Fi Protected Setup™ (PBC 1) or AOSS™, you can configure the machine easily without a computer. By pushing a button on the wireless LAN router / access point and the machine, you can setup the wireless network and security settings. See the user’s guide for your wireless LAN router / access point for instructions on how to access one-push mode.

1 Push Button Configuration

Note

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

4 Click Install Printer Driver on the menu screen.

5 Click Wireless Network users.

Note

Choose the Install Printer Driver icon for your region.

Configure the wireless settings

1 Make sure the printer power switch is on.

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

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

Note

For Windows Vista™, when the User Account Control screen appears, click Allow.
6 Choose **Wireless Setup and Driver Install (Recommended)**, and then click **Next**.

7 Choose **Automatic install (Advanced)** and then click **Next**.

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

9 Press the wireless setup button located at the back of the machine for less than 2 seconds as shown in the illustration below. This will put the printer in one-push wireless setting mode. This feature will automatically detect which mode your access point uses for one-push configuration (SecureEasySetup™, Wi-Fi Protected Setup™ or AOSS™) of your printer.

**Note**

- Use a pointy object such as a ballpoint pen to press the button.
- If you press the button for 3 seconds or more, the printer will change to the PIN Method of the Wi-Fi Protected Setup™ mode.

10 The printer starts the one-push wireless setting mode.

The printer searches for an access point that supports SecureEasySetup™, Wi-Fi Protected Setup™ or AOSS™ for 2 minutes.

11 Put your access point in the SecureEasySetup™ mode, the Wi-Fi Protected Setup™ mode or the AOSS™ mode, depending on what is supported by your access point. Please refer to the instruction manual that came with your access point.

12 Wait for the **Ready LED (Go button)** of your printer to indicate connection succeeded. The **Ready** LED will turn on for 5 minutes. (See the table *LED indications when using the one-push wireless setting mode* on page 8) This indication means the machine has successfully connected to your router or access point. You can now use your printer on the wireless network.

If the LED indicates connection failed (See the table *LED indications when using the one-push wireless setting mode* on page 8), the machine has not successfully connected to your router or access point. Try starting from 9 again. If the same message is indicated again, reset the machine back to the default factory settings and try again. For resetting, see *Network default settings* on page 46.

If the LED indicates session overlap (See the table *LED indications when using the one-push wireless setting mode* on page 8), the machine has detected more than 2 routers or access points on your network that have the Wi-Fi Protected Setup™ mode or the AOSS™ mode enabled. Make sure that only one router or access point has the Wi-Fi Protected Setup™ mode or the AOSS™ mode enabled and try starting from 9 again.
13 Click Next.

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

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

16 Choose Standard Installation, and then click Next.

17 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 46.

18 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.
19 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.

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

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.

   ![USB cable connected to Macintosh](image)

2. Make sure the printer power switch is on.

   ![Power switch](image)

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

   ![CD-ROM](image)

4. Double-click the HL2100 icon on your desktop. Double-click the Start Here icon. Follow the on-screen instructions.

   ![Start Here](image)

5. Click Install Printer Driver on the menu screen.

   ![Install Printer Driver](image)

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

   ![USB cable users](image)

   For Mac OS® X 10.2.4 to 10.2.8 users: Go to step 9.

   For Mac OS® X 10.3 or greater users: Go to step 7.

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

   ![Search screen](image)

8. When this screen appears, click OK.

   ![OK](image)

   For Mac OS® X 10.3 or greater users: Setup is now complete.
9 When this screen appears, click **Add**.

10 Choose **USB**.

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

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

For Mac OS® X 10.2.4 to 10.2.8 users: Setup is now complete.
For wired network interface cable users

Connecting the printer to your Macintosh® and installing the driver

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

2. Make sure the printer power switch is on.

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

4. Double-click the HL2100 icon on your desktop. Double-click the Start Here icon. Follow the on-screen instructions.

5. Click Install Printer Driver on the menu screen.

6. 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 9.

For Mac OS® X 10.3 or greater users: Go to step 7.

7. 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.
- You can find your printer’s Ethernet address (MAC address) by printing out the Printer Settings Page. See Print the Printer Settings Page on page 46.
8 When this screen appears, click OK.

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

9 When this screen appears, click Add.

10 Make the following selection.

11 Choose your printer, and then click Add.

12 Click Print Center, then Quit Print Center.

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

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.
- You can find your printer’s Ethernet address (MAC address) by printing out the Printer Settings Page. See Print the Printer Settings Page on page 46.
Connecting your wireless printer and wireless network together and installing 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 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.

Although Brother HL-2170W can be used in a both wired and wireless network, only one of the connection methods can be used at a time.

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. Choose your setup method from the next page and follow the instructions. 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. You must know your wireless network settings before you proceed with this 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 (your machine)
3 Wireless capable computer connected to the access point
4 Wired computer connected to the access point
Confirm your wireless network setup method
The setup process will be different depending on your network environment.

■ Configuration using the Brother installer application on the CD-ROM to configure your wireless network printer (Recommended)

  • Configuration temporarily using a network cable

If there is an Ethernet Hub or Router in the same network as the wireless access point (A) of your printer, you can temporarily connect the Hub or Router to the printer using an Ethernet cable (B), this is an easy way to configure the printer. You can then remotely configure the printer from a computer on the network.
For instructions, go to Configuration in Infrastructure mode, using a network cable temporarily on page 36.

■ Configuration using the automatic wireless (one-push) method

If your wireless access point (A) supports either SecureEasySetup™, Wi-Fi Protected Setup™ (PBC ¹) or AOSS™, you do not need to use a computer to configure the wireless settings. The access point (router) and your printer can automatically negotiate using the SecureEasySetup™, Wi-Fi Protected Setup™ or AOSS™ procedure.

¹ Push Button Configuration
For instructions, see Configuration using the automatic wireless (one-push) method on page 40.

■ Configuration using the PIN Method of Wi-Fi Protected Setup™

If your wireless access point (A) supports Wi-Fi Protected Setup™, you can also configure using the PIN Method of Wi-Fi Protected Setup™.
For instructions, see Chapter 7 in the Network User’s Guide on the CD-ROM.
STEP 2  Installing the Printer Driver

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 46)

- You must know your wireless network settings before you proceed with this installation.

- You need to temporarily use an Ethernet cable during configuration.

Configure the wireless settings

1  Make sure the printer power switch is on.

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

3  Double-click the HL2100 icon on your desktop. Double-click the Start Here icon. Follow the on-screen instructions.

4  Click Install Printer Driver on the menu screen.

5  Click Wireless Network users.

6  Choose Wireless Setup and Driver Install (Recommended), and then click Next.

7  Choose Step by Step install (Recommended) and then click Next.
8 Choose With cable (Recommended) and then click Next.

9 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.

10 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 “BRNxxxxxxxxxxx”.

11 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.

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 then click Next.

12 If your network is not configured for Authentication and Encryption, the following screen will appear. To continue configuration, click OK.
13 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 Confirm Network Key, and then click Next.

![Authentication and Encryption settings](image)

**Note**
- If you want to setup more than WEP key1, click Advanced.
- If you do not know the Authentication or Encryption settings for your network, contact your network administrator.
- If the Authentication Method is set to Open System and the Encryption Mode is set to WEP, an error indication will NOT appear if the Network key is incorrect.

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

![Network settings confirmation](image)

**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.

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

![Disconnection](image)

Installing the printer driver

**Improper Setup**
- DO NOT try to cancel any of the screens during this installation.
- If your wireless settings fail, an error message will appear during the installation of the printer driver and the installation will be terminated. If you encounter this failure, please go back to step 4 and setup the wireless connection again.

16 The driver installation starts. Follow the on-screen instructions. Then, restart your Macintosh®.

For Mac OS® X 10.2.4 to 10.2.8 users:
Go to step 19.

For Mac OS® X 10.3 or greater users:
Go to step 17.
17 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.
- You can find your printer’s Ethernet address (MAC address) by printing out the Printer Settings Page. See Print the Printer Settings Page on page 46.
- If your printer fails to appear on the list, reset the print server back to the default factory settings (see page 46) and go back to step 4 and try the wireless setup again.

18 When this screen appears, click OK.

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

19 When this screen appears, click Add.

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

20 Make the following selection.

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.
- You can find your printer’s Ethernet address (MAC address) by printing out the Printer Settings Page. See Print the Printer Settings Page on page 46.
- If your printer fails to appear on the list, reset the print server back to the default factory settings (see page 46) and go back to step 4 and try the wireless setup again.

21 Choose your printer, and then click Add.

22 Click Print Center, then Quit Print Center.
**STEP 2 Installing the Printer Driver**

**Configuration using the automatic wireless (one-push) method**

If your wireless access point supports either SecureEasySetup™, Wi-Fi Protected Setup™ (PBC\(^1\)) or AOSS™, you can configure the machine easily without a computer. By pushing a button on the wireless LAN router / access point and the machine, you can setup the wireless network and security settings. See the user’s guide for your wireless LAN router / access point for instructions on how to access one-push mode.

\(^1\) Push Button Configuration

**Note**

Routers or access points that support SecureEasySetup™, Wi-Fi Protected Setup™ or AOSS™ have the symbols shown below.

---

Configure the wireless settings

1. Make sure the printer power switch is on.

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

---

3. Double-click the HL2100 icon on your desktop. Double-click the Start Here icon. Follow the on-screen instructions.

4. Click Install Printer Driver on the menu screen.

5. Click Wireless Network users.

6. Choose Wireless Setup and Driver Install (Recommended), and then click Next.
Installing the Printer Driver

11 Put your access point in the SecureEasySetup™ mode, the Wi-Fi Protected Setup™ mode or the AOSS™ mode, depending on what is supported by your access point. Please refer to the instruction manual that came with your access point.

12 Wait for the Ready LED (Go button) of your printer to indicate connection succeeded. The Ready LED will turn on for 5 minutes. (See the table LED indications when using the one-push wireless setting mode on page 8) This indication means the machine has successfully connected to your router or access point. You can now use your printer on the wireless network.

If the LED indicates connection failed (See the table LED indications when using the one-push wireless setting mode on page 8), the machine has not successfully connected to your router or access point. Try starting from 9 again. If the same message is indicated again, reset the machine back to the default factory settings and try again. For resetting, see Network default settings on page 46.

If the LED indicates session overlap (See the table LED indications when using the one-push wireless setting mode on page 8), the machine has detected more than 2 routers or access points on your network that have the Wi-Fi Protected Setup™ mode or the AOSS™ mode enabled. Make sure that only one router or access point has the Wi-Fi Protected Setup™ mode or the AOSS™ mode enabled and try starting from 9 again.

13 Click Next.
Installing the Printer Driver

STEP 2 Installing the Printer Driver

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

Installing the printer driver

⚠️ Improper Setup

• DO NOT try to cancel any of the screens during this installation.
• If your wireless settings fail, an error message will appear during the installation of the printer driver and the installation will be terminated. If you encounter this failure, please go back to step 4 and setup the wireless connection again.

15 The driver installation starts. Follow the on-screen instructions. Then, restart your Macintosh®.

For Mac OS® X 10.2.4 to 10.2.8 users:
Go to step 18.

For Mac OS® X 10.3 or greater users:
Go to step 16.

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

17 When this screen appears, click OK.

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.
• You can find your printer’s Ethernet address (MAC address) by printing out the Printer Settings Page. See Print the Printer Settings Page on page 46.

18 When this screen appears, click Add.

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

19 Make the following selection.
20 Choose your printer, and then click **Add**.

![Add button](image)

**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.*
- *You can find your printer’s Ethernet address (MAC address) by printing out the Printer Settings Page. See Print the Printer Settings Page on page 46.*

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

![Print Center](image)

**OK!**

For Mac OS® X 10.2.4 to 10.2.8 users:

Setup is now complete.
For Network Users

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 http://solutions.brother.com.

**Note**
- If you require more advanced printer management, use the latest Brother BRAdmin Professional utility version that is available as a download from http://solutions.brother.com.
- If you are using Personal Firewall software (e.g. Windows Firewall), BRAdmin Light may fail to detect the unconfigured device. In that case, disable your Personal Firewall software, try BRAdmin Light again. Re-start your Personal Firewall software after the address information is set.

**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.

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

2. Double-click the unconfigured device.

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

4. The address information will be saved to the 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

Note

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

2 Choose Library, Printers, Brother and then Utilities.

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

4 Double-click the unconfigured device.

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

6 The address information will be saved to the 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 greater) or Firefox® 1.0 (or greater) for Windows® and Safari™ 1.0 for Macintosh®. Please also make sure that JavaScript and Cookies are always enabled in whichever browser you use. We recommend you upgrade to Safari™ 1.2 or greater to enable JavaScript. To use a web browser, you will need to know the IP address of the print server.

Network default settings

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

1. Turn off the printer.
2. Make sure that the front cover is closed and the power cord is plugged in.
3. Hold down the Go button as you turn on the power switch. Keep the Go button pressed down until the Toner, Drum and Error LEDs light up. Release the Go button. Make sure that all the LEDs turn off.
4. Press the Go button seven times. Make sure that all the LEDs light up when the print server has been reset to its default factory settings.

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. Make sure that the front cover is closed and the power cord is plugged in.
2. Turn on the printer and wait until the printer is in the Ready state.
3. Press the Go button three times within 2 seconds. The printer will print the current printer settings page.
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://solutions.brother.com or contact your local Brother reseller.

<table>
<thead>
<tr>
<th>Toner cartridge</th>
<th>Drum unit</th>
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See Chapter 5 of the User's Guide on the CD-ROM.
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.

1. Turn off the printer power switch, and then unplug the AC power cord.

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

3. Repack the printer.
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