brother® **Laser Printer HL-1850 and HL-1870N**
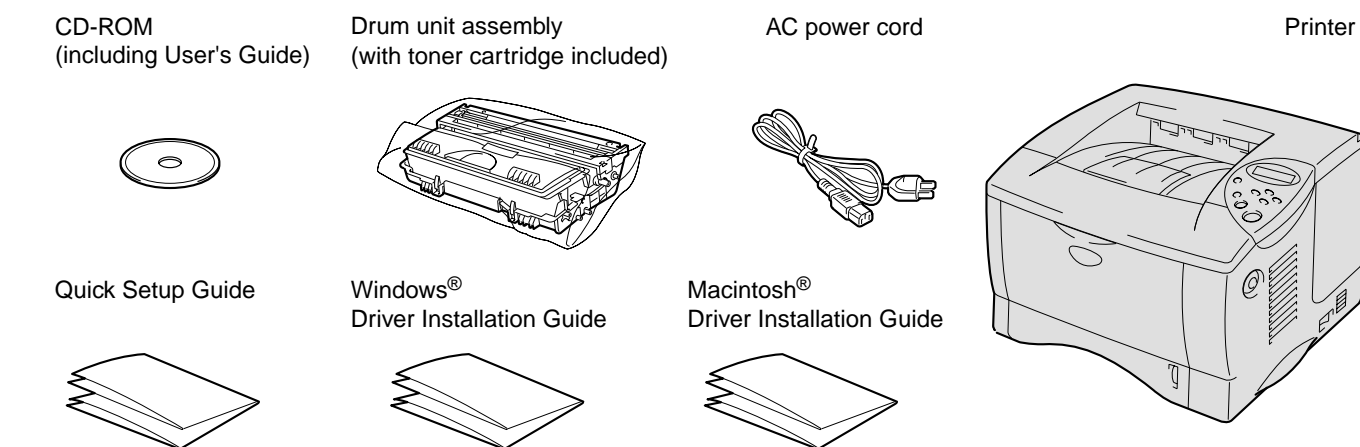
Quick Setup Guide

Read the "Safety Sheet" first to ensure that you use this printer safely.
Read this "Quick Setup Guide" before you set up the printer.

■ Before you can use the printer, you must set up the hardware and install the driver.
■ Identify the operating system on your computer (Windows® 95 / 98 / Me, Windows NT® 4.0, Windows® 2000 / XP or Macintosh®).
■ The interface cable is not a standard accessory. Please purchase the appropriate interface cable for the interface you intend to use (Parallel, USB or Network).
  Most existing parallel cables support bi-directional communication, but some might have an incompatible pin assignment or may not be IEEE 1284 compliant.
■ If you are an Administrator: Configure your network printer settings referring to the **Network Quick Setup Guide** (reverse side).
■ Some illustrations are based on the HL-1870N.

Carton Components

Carton components may differ from one country to another.
Save all packing materials and the printer carton. They should be used when shipping the printer.

CD-ROM (including User's Guide)

Drum unit assembly (with toner cartridge included)

AC power cord

Printer

Quick Setup Guide

Windows® Driver Installation Guide

Macintosh® Driver Installation Guide

What is Included on the CD-ROM

You can Find a Variety of Information on the CD-ROM.

Windows®

Macintosh®

Initial Setup
Instruction movie for machine setup and printer driver installation.

Install Software
Install the printer driver and utilities.
(Mac® OS X is not supported by Install Software.)

Maintenance Tutorial
Instructional movie for printer maintenance.

Documentation
View the Printer User's Guide and Network User's Guide in PDF format. (Viewer included)

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

For All Users

Step 1   Insert the CD-ROM into the CD-ROM Drive

For Windows® Users Only

1 Insert the CD-ROM into your CD-ROM drive. The opening screen will appear automatically.

2 Select the language you want.

3 Click the Initial Setup icon on the Menu Screen.

4 You can view the Initial Setup instructions.

For Mac® OS 8.6-9.2 Users Only
(For Mac® OS X 10.1 Users: Go to step 2)

1 Insert the CD-ROM into your CD-ROM drive.

2 Double-click the Start Here! icon.

3 Select the language you want.

4 Click the Initial Setup icon on the Menu Screen.

5 You can view the Initial Setup instructions.

Step 2   Install the Drum Unit Assembly

Front Cover

Cover Release Button

Protective Part

Drum Unit Assembly

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

2 Unpack the drum unit assembly. Remove the protective part.

3 Rock it from side to side 5 or 6 times to distribute the toner evenly inside the assembly.

4 Install the drum unit assembly into the printer.

5 Close the front cover.

Step 3   Load Paper in the Paper Cassette

Paper Guide Release Lever

Universal Guide Release Lever

Up to here.

Paper Cassette

1 Pull the paper cassette completely out of the printer.

2 While pressing the paper guide release lever, slide the paper guides to fit the paper size. Check that they fit correctly into the slots.
Note: For Legal or 8.5 x 13 in. paper, press the universal guide release lever as you extend the rear of the paper cassette.

3 Load paper in the paper cassette. Check that the paper is flat in the tray and below the maximum paper mark.

4 Re-install the paper cassette into the printer.

Step 4   Print a Test Page

Extend the Tray Extension Flap

READY

PRINTING

OFF ON

OFF ON

1 Make sure the printer power switch is off. Do **NOT** connect the interface cable.

2 Connect the AC power cord to the printer, and then plug it into the AC outlet.

3 Turn on the power switch.

4 After the printer warms, the **READY** message will appear.

5 Press the **Go** button. The printer will print a test page. Check that the test page is printed correctly.

Note: When you want to change the language of the control panel message, refer to "Setting Your Language on the Control Panel" on the reverse side.
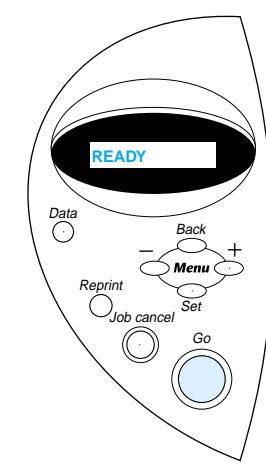
Continue to the Windows® Driver Installation Guide or Macintosh® Driver Installation Guide.
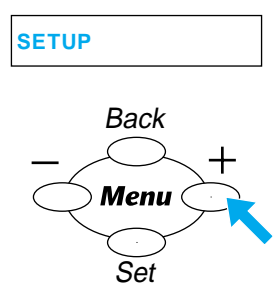
Network Quick Setup Guide

■ For HL-1850 users: If you are going to connect the printer to your network, purchase the optional Network board (NC-4100h).

■ If you are going to connect the printer to your network, we recommend that you contact your system administrator prior to installation.

■ If you are an Administrator: Configure your network printer settings referring to the following instructions.

■ The default password for the print server is 'access'. You can use the BRAdmin Professional software or a web browser to change this password.

Setting Your Language on the Control Panel

To change the language settings of the printer do the following.
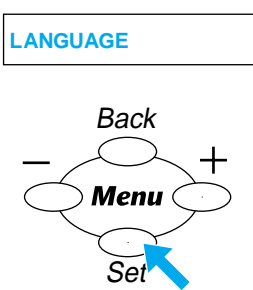
| SETUP | LANGUAGE | =ENGLISH   * | READY |
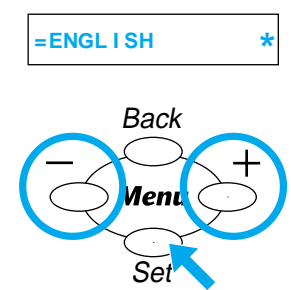
1 Press the + button until **SETUP** is displayed. Press the Set button.
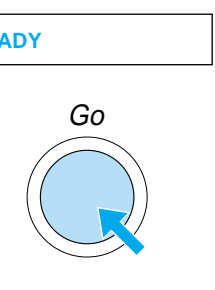
2 Press the Set button again.

3 Scroll through the available languages by pressing the + or - buttons. Press the Set button to accept the appropriate language. An asterisk mark (*) appears on the LCD.
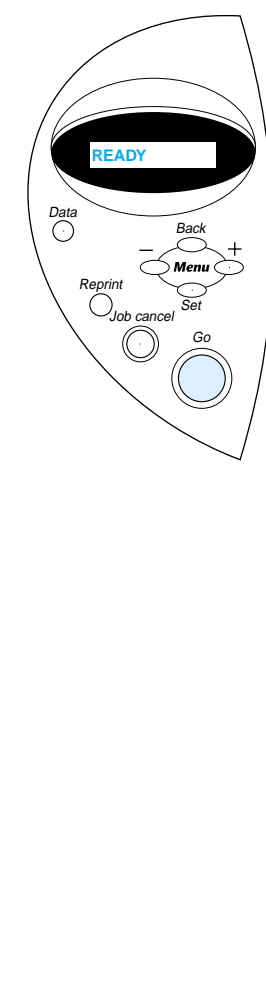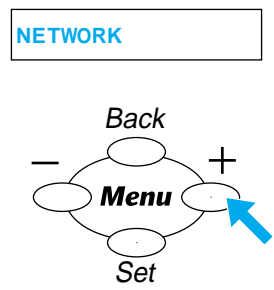
4 Press the Go button to put the printer back into its **READY** state.

Setting Your Printer IP Address and Subnet Mask (Using the Control Panel)

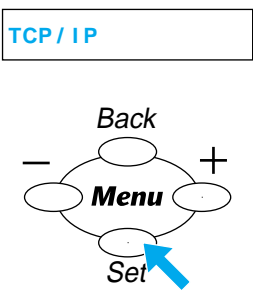To set the printer IP address using the printer control panel do the following.
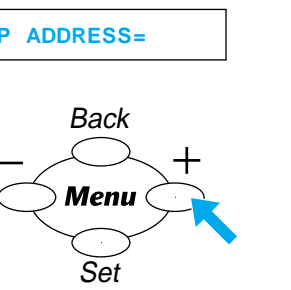
| NETWORK | TCP/IP | IP ADDRESS= | 192. 0. 0.192* |

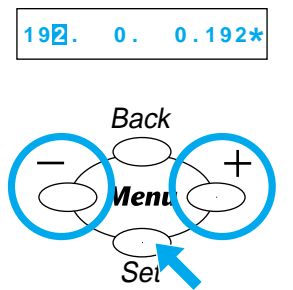1 Press the + button until **NETWORK** is displayed. Press the Set button.

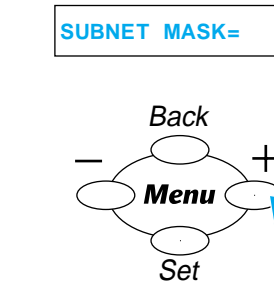2 Press the Set button again. **TCP/IP ENABLE** will be displayed.

3 Press the + button until **IP ADDRESS=** is displayed. Press the Set button.
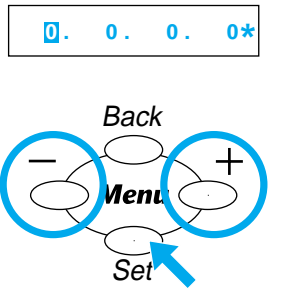
4 Enter your IP address of the printer using the + and - buttons. Press the Set button to go to next digit. Press the Set button to complete the IP address. An asterisk mark (*) appears on the LCD.
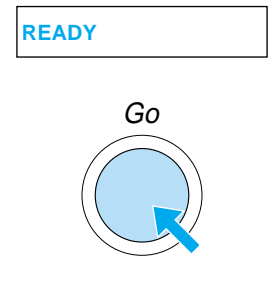
| SUBNET MASK= | 0. 0. 0. 0* | READY |

5 Press the + button until **SUBNET MASK=** is displayed. Press the Set button.

6 Enter your subnet mask settings in the same way that you entered the IP address. An asterisk mark (*) appears on the LCD.

7 Press the Go button to put the printer back into its **READY** state.

For more information, refer to the Network User's Guide on the supplied CD-ROM or go to http://solutions.brother.com

For the Administrator (For Windows® Users Only)

Install the BRAdmin Professional Configuration utility

The BRAdmin Professional software is designed to manage your Brother network connected devices. For example, Brother network ready printers and Brother network ready Multifunction devices can be managed using the BRAdmin Professional software. The BRAdmin Professional software can also be used to manage devices from other manufacturers whose products support the SNMP (Simple Network Management Protocol).
For more information on the BRAdmin Professional utility go to http://solutions.brother.com

1 Insert the CD-ROM into your CD-ROM drive. The opening screen will appear automatically. Follow the instructions on the screen.

2 Click the Install Software icon on the Menu screen.

3 Click "BRAdmin Professional." Follow the instructions on the screen.

Network User's Guide Chapter Map

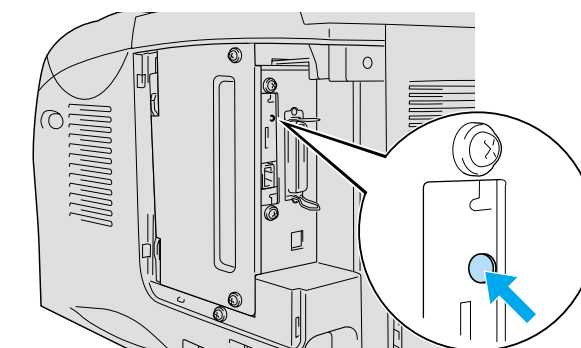To configure the print server refer to the Network User's Guide.

Windows®   Macintosh®

Windows® 95/98/Me	Peer-to-Peer	TCP/IP	Chapter 3	Peer-to-Peer Printing
		NetBIOS	Chapter 4	NetBIOS Peer-to-Peer Printing
	Brother Internet Print	TCP/IP	Chapter 5	How to Configure Internet Printing
	Netware	IPX/SPX	Chapter 6	Novell Netware Printing
Windows NT®	Peer-to-Peer	TCP/IP	Chapter 2	TCP/IP Printing
		NetBIOS	Chapter 4	NetBIOS Peer-to-Peer Printing
		DLC/LLC	Chapter 8	DLC Printing
	Brother Internet Print (NT® 4.0 only)	TCP/IP	Chapter 5	How to Configure Internet Printing
	Netware	IPX/SPX	Chapter 6	Novell Netware Printing
Windows® 2000/XP	Peer-to-Peer	TCP/IP	Chapter 2	TCP/IP Printing
		NetBIOS	Chapter 4	NetBIOS Peer-to-Peer Printing
	(Windows® 2000 only)	DLC/LLC	Chapter 8	DLC Printing
	IPP (Internet Printing Protocol)	TCP/IP	Chapter 2	TCP/IP Printing
	Brother Internet Print	TCP/IP	Chapter 5	How to Configure Internet Printing
	Netware	IPX/SPX	Chapter 6	Novell Netware Printing
UNIX/Linux		TCP/IP	Chapter 1	UNIX Printing
Macintosh®		AppleTalk	Chapter 7	Macintosh Printing
		TCP/IP	Chapter 7	Macintosh Printing
OS2 Warp Server		TCP/IP	Chapter 2	TCP/IP Printing
LAN Server		NetBIOS	Chapter 4	NetBIOS Peer-to-Peer Printing

Print Configuration Page

To print a configuration page, use a fine ball point pen to hold down the Network Test Button for **less** than 5 seconds.

Factory Default Setting

If you wish to reset the print server back to its default factory settings (resetting all information such as the password and IP address information), use a fine ball point pen to hold down the Network Test Button for **more** than 5 seconds.

Test Button