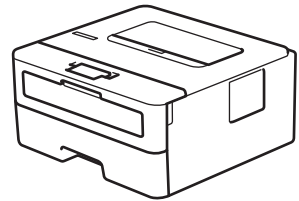




Reference Guide

Brief explanations for routine operations

HL-B2050DN
HL-B2000D



!CAUTION Before using this product, read carefully these instructions for correct operation.
Keep the User's Guide in a secure place for future reference.



Online User's Guide

For more advanced instructions, information, and product specifications, see the *Online User's Guide* at support.brother.com/manuals



To create a better environment

Please cooperate.

Firstly, thank you very much indeed for using our Brother products!

Brother focuses on the earth environment concerned. And make a basic policy which is to concern about the earth environment, including any workflow from product development to discard. The local citizen should be responsible for local society and its environment during these environment protection activities.

Therefore, we hope you'll take part in this environment plan, and pay attention to environment protection points as below while discarding used consumables.

1. Please deliver the used package materials to relevant waste disposal office for recycle.
2. When you discard used consumables, please follow and carry on relevant local regulations properly.
3. When the machine need replacing parts for the maintenance and repair, please discard used circuit boards, used electrical parts and products as disposed electrical materials.
4. The power consumption is 0 W after you turn off the machine and unplug it from the AC outlet.
5. Some parts in the machine can be used on the same series model machines which are produced in the same factory.
Note: If you want to replace the parts, please contact Brother Authorized Service Centers.
6. Machines with an LWAd > 63.0 dB(A) are recommended to be set up in separate rooms due to their noise emissions.
7. The machine can use recycled paper.
8. Ensure that during use the machine is used in a well ventilated area.
9. Brother will accept machines and consumables for recycling. For details of the return scheme please refer to the webpage www.brother.cn/company/info/declaration/20090304.html.

User's Guides and Where to Find Them

Which Guide?	What's in It?	Where Is It?
Product Safety Guide	Read this Guide first. Please read the Safety Instructions before you set up your machine. See this Guide for trademarks and legal limitations.	Printed / In the box
Quick Setup Guide	Follow the instructions for setting up your machine, and installing the Full Driver & Software Package for the operating system and connection type you are using.	Printed / In the box
Reference Guide	Learn the basic operations and basic machine maintenance. See troubleshooting tips.	On Brother Installation Disc / In the Box
Online User's Guide	In addition to information about the Print operations, mobile device functions, troubleshooting, and other useful information is included about using the machine on a network.	Brother Solutions Center ¹

¹ Visit support.brother.com/manuals.

The Online User's Guide Helps You Get the Most Out of Your Machine

We hope that you find this guide helpful. To learn more about your machine's features, please take a look at our *Online User's Guide*. It offers:

Quicker Navigation!

- ✓ Search box
- ✓ Navigation index in a separate panel

Comprehensive Format!

- ✓ Every topic in one guide

Simplified Layout!

- ✓ Step-by-step instructions
- ✓ Feature summary at the top of the page



1. Search Box
2. Navigation
3. Summary
4. Step-by-Step Instructions

To View Online User's Guides

To view the *Online User's Guide* and other available guides, visit support.brother.com/manuals.

(Windows®)

You can also access your machine's guides using Brother Utilities. The Brother Utilities tool is included in the standard installation and, when installed, you can find it either as a shortcut on your desktop, or from the Windows® **Start** menu.

Questions or Problems? Take a Look at our FAQs, Solutions, and Videos Online.

Go to your model's **FAQs & Troubleshooting** page on the Brother Solutions Center at support.brother.com

- **Provides several ways to search**
- **Displays related questions for more information**
- **Receives regular updates based on customer feedback**

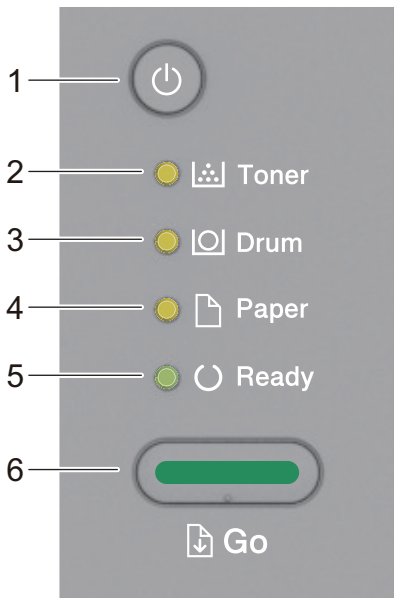
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Control Panel Overview

HL-B2000D



1. Power On/Off Button

- Turn on the machine by pressing .
- Turn off the machine by pressing and holding .

2. Toner LED

The **Toner** LED indicates that the Toner is low.

3. Drum LED

The **Drum** LED indicates that the Drum Unit must be replaced soon.

4. Paper LED

The **Paper** LED indicates that there is an error relating to paper feeding.

5. Ready LED

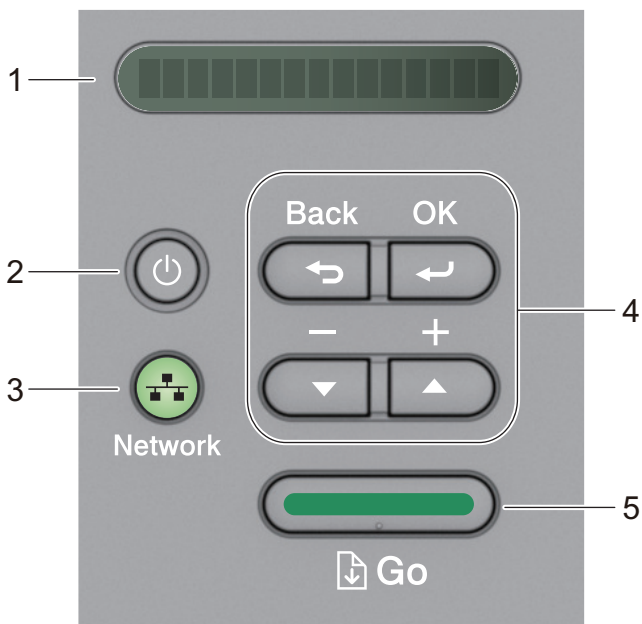
The **Ready** LED blinks to indicate the machine's status.

6. Go Button

- Press **Go** to clear certain errors.
- Press **Go** to print any data remaining in the machine's memory.
- Press and hold **Go** for about two seconds to cancel a print job.

HL-B2050DN



The control panel will vary depending on your model.



1. LCD (Liquid Crystal Display)

Displays messages to help you set up and use your machine.

2. Power On/Off Button

- Turn on the machine by pressing .
- Turn off the machine by pressing and holding . The LCD displays [Shutting Down] for a few seconds before going off.

3. Network Buttons

Network

Press **Network** to set up wired network settings.

4. Menu Buttons

OK

Press to store your machine settings. After you change a setting, the machine returns to the previous menu level.

Back

- Press to go back one level in the menu.
- Press to select the previous digit when setting numbers.

▲ or ▼ (+ or -)

- Press to scroll through menus and options.
- Press to enter a number or to increase or decrease the number. Press and hold down ▲ or ▼ to scroll faster. When you see the number you want, press **OK**.

5. Go Button

- Press to clear certain error messages. To clear all other errors, follow the control panel instructions.
- Press to print any data remaining in the machine's memory.
- Press to select the displayed option. After you change a setting, the machine returns to Ready mode.
- Press and hold **Go** for about two seconds to cancel a print job.

Status Messages (for LCD models)

Related Models:
HL-B2050DN

LCD language is not available for Chinese. Read the following explanation for your reference.

Machine Status Message	Meaning
Cooling Down	The machine is cooling down. Wait for a few seconds until the inside of the machine has cooled down.
Cancel Printing	The machine is cancelling the job.
Please Wait	The machine is warming up.
Printing	The machine is printing.
Ready	The machine is ready to print.
Sleep	In Sleep Mode (Power Save Mode), the machine acts as if it is turned off, but it can still receive data. Receiving a print job will wake the machine and it will start printing.
Deep Sleep	In Deep Sleep Mode (lower power consumption than Sleep Mode), the machine acts as if it is turned off, but it can still receive data. If the machine does not receive data for a certain length of time while it is in Sleep Mode, it enters Deep Sleep Mode. Receiving a print job will wake the machine and it will start printing.

2

Load Paper

Load Paper in the Paper Tray

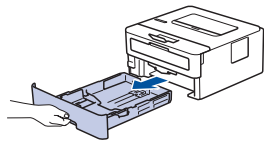
Use the paper tray when printing on the following media:

Plain paper

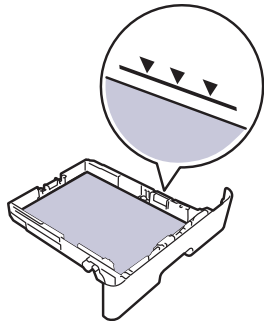
Thin paper

Recycled paper

Thick paper



- Adjust the guides
- Fan the paper
- Do not exceed this mark



For more detailed information, see the *Online User's Guide: Load Paper in the Paper Tray*.

Load Paper in the Manual Feed Slot

Use the Manual Feed Slot when printing on the following media:

Plain paper

Thin paper

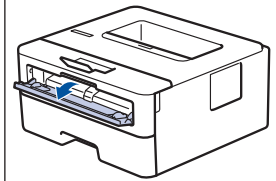
Recycled paper

Bond paper

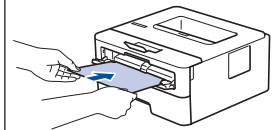
Thick paper

Labels ¹

Envelopes ¹



- Adjust the guides
- Use both hands to insert one sheet of paper
- Continue pressing the paper against the rollers for about two seconds, or until the machine grabs the paper and pulls it in further



¹ Open the back cover (face up output tray) before printing to let the printed paper exit onto the face up output tray.

For more detailed information, see the *Online User's Guide: Load and Print Paper in the Manual Feed Slot*.


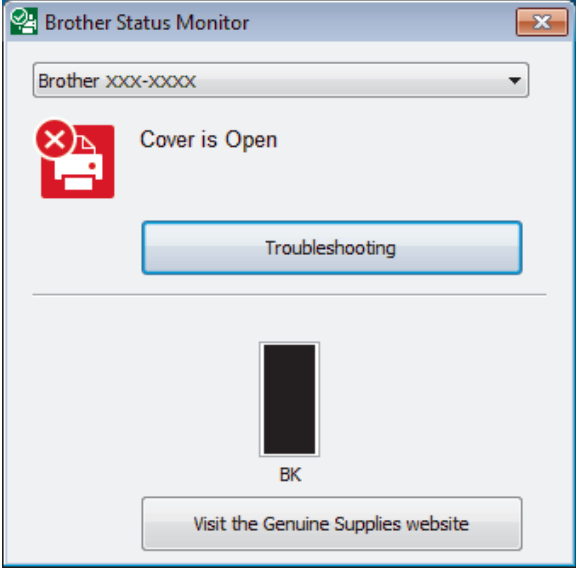




Use this section to resolve problems you may encounter when using your Brother machine.

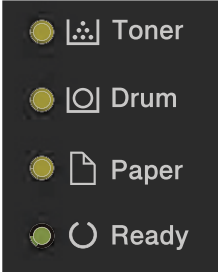

Identify the Problem

Even if there seems to be a problem with your machine, you can correct most problems yourself.

First, check the following:

- The machine's power cord is connected correctly and the machine's power is on.
- All of the machine's orange protective parts have been removed.
- (For network models) Router or hub is turned on and its link indicator is blinking.
- Paper is inserted correctly in the paper tray.
- The interface cables are securely connected to the machine and the computer.
- Check the machine's status on your machine or in **Brother Status Monitor** on your computer.

Find the Error	Find the Solution
<p>Using the Status Monitor</p> <ul style="list-style-type: none"> • Double-click the  icon in the task tray.  <ul style="list-style-type: none"> • (Windows®) If you select the Load Status Monitor on Startup check box, the Status Monitor will launch automatically each time you start your computer. 	<ul style="list-style-type: none"> • A green icon indicates the normal stand-by condition. <ul style="list-style-type: none">  • A yellow icon indicates a warning. <ul style="list-style-type: none">  • A red icon indicates an error has occurred. <ul style="list-style-type: none">  • A grey icon indicates the machine is offline. <ul style="list-style-type: none">  • Click the Troubleshooting button to access Brother's troubleshooting website.

Find the Error	Find the Solution
<p>Using the LED</p>  <p>The image shows a vertical list of four LED indicators on a dark background. Each indicator consists of a small circle followed by an icon and a label: a yellow circle with a toner icon and the word 'Toner', a yellow circle with a drum icon and the word 'Drum', a yellow circle with a paper icon and the word 'Paper', and a green circle with a refresh icon and the word 'Ready'.</p>	<ol style="list-style-type: none"> 1. Check the indications on the LEDs. 2. If you cannot resolve the error, refer to the following: <i>Online User's Guide: Error and Maintenance Messages</i> FAQs & Troubleshooting page at support.brother.com
<p>Using the LCD</p>  <p>The image shows a rectangular LCD screen with the text 'Cover is Open' displayed in a simple, pixelated font.</p>	<ol style="list-style-type: none"> 1. Follow the messages on the LCD. 2. If you cannot resolve the error, refer to the following: <i>Online User's Guide: Error and Maintenance Messages</i> FAQs & Troubleshooting page at support.brother.com

Error and Maintenance Messages

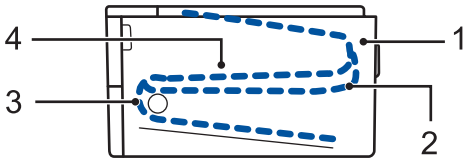
See the printed *Quick Setup Guide* for a table of common Printer LED Indications.

For information on the most common error and maintenance messages, see the *Online User's Guide*.

To view the *Online User's Guide* and other available guides, visit support.brother.com/manuals.

Paper Jams

An error message indicates where the paper is stuck in your machine.



Error messages:

1. Jam Rear
2. Jam 2-sided
3. Jam Tray
4. Jam Inside

See the messages in **Brother Status Monitor** on your computer.

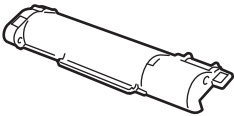
Supplies

When the time comes to replace supplies, such as the toner or drum, an error message will appear on your machine's control panel or in the Status Monitor. For more information about the supplies for your machine, visit www.brother.com/original/index.html or contact your local Brother dealer.



- The supply model name will vary depending on your country and region.

Toner-Cartridge

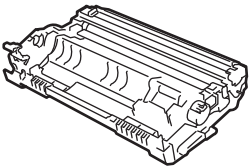


Supply Model Name	Approximate Life (Page Yield)	Applicable Models
Toner Box: TN-B020	Approximately 2,600 pages ^{1 2}	HL-B2050DN/HL-B2000D

¹ Approximate cartridge yield is declared in accordance with ISO/IEC 19752.

² A4/Letter simplex pages


Drum Unit



Supply Model Name	Approximate Life (Page Yield)	Applicable Models
DR-B020	Approximately 12,000 pages ¹	HL-B2050DN/HL-B2000D

¹ Approximately 12,000 pages based on 1 page per job [A4/Letter simplex pages]. The number of pages may be affected due to a variety of factors including but not limited to media type and media size.



If you are using Windows[®], double-click the **Brother Creative Center** icon  on your desktop to access our **FREE** website designed as a resource to help you easily create and print customised materials for business and home use with photos, text and creativity.

Mac users can access Brother CreativeCenter at this web address:

www.brother.com/creativecenter

brother

Visit us on the World Wide Web
www.brother.com

These machines are approved for use in the country of purchase only. Local Brother companies or their dealers will support only machines purchased in their own countries.



CHN-ENG
Version A