You must set up the hardware and install the driver before you can use the machine.

Please use the Quick Setup Guide to set up the machine. You can find a printed copy in the box.

Please read this User’s Guide thoroughly before you use the machine.

Please visit us at http://support.brother.com where you can get product support, the latest driver updates and utilities, and answers to frequently asked questions (FAQs) and technical questions.

Note: Not all models are available in all countries.
Brother numbers

IMPORTANT
For technical and operational help, you must call the country where you bought the machine.

Register your product
Please complete the Brother Warranty Registration or, for your convenience and most efficient way to register your new product, register on-line at

http://www.brother.com/registration

Frequently asked questions (FAQs)
The Brother Solutions Center is our one-stop resource for all your machine needs. You can download the latest drivers, software and utilities, read FAQs and troubleshooting tips to learn how to get the most from your Brother product.

http://support.brother.com

You can check here for Brother driver updates.

Customer Service
Visit http://www.brother.com for contact information on your local Brother office.

Internet Addresses
Brother Global website: http://www.brother.com
For Frequently Asked Questions (FAQs), Product Support and Technical Questions, and Driver Updates and Utilities: http://support.brother.com
## User’s Guides and where to find them?

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<tr>
<td><strong>Quick Setup Guide</strong></td>
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<td><img src="http://support.brother.com" alt="Quick Setup Guide" /></td>
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<td><strong>User’s Guide</strong></td>
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<td><strong>Mobile Print/Scan Guide for Brother iPrint&amp;Scan</strong> (HL-1210W and HL-1211W)</td>
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Using the documentation

Thank you for buying a Brother machine! Reading the documentation will help you make the most of your machine.

Symbols and conventions used in the documentation

The following symbols and conventions are used throughout the documentation.

⚠️ **WARNING**

*WARNING* indicates a potentially hazardous situation which, if not avoided, could result in death or serious injuries.

**IMPORTANT**

*IMPORTANT* indicates a potentially hazardous situation which, if not avoided, may result in damage to property or loss of product functionality.

**NOTE**

*NOTE* specifies the operating environment, conditions for installation, or special conditions of use.

Prohibition icons indicate actions that must not be performed.

Electrical Hazard icons alert you to possible electrical shock.

Fire Hazard icons alert you to the possibility of fire.

Hot Surface icons warn you not to touch machine parts that are hot.

**Bold**

*Bold* style identifies keys on the machine control panel or computer screen.

**Italicics**

*Italicized* style emphasizes an important point or refers you to a related topic.
Accessing Brother Utilities (Windows®)

Brother Utilities is an application launcher that offers convenient access to all Brother applications installed on your device.


   Click (Start) > All Programs > Brother > Brother Utilities.

   (Windows® 8 and Windows Server® 2012)

   Tap or double-click (Brother Utilities) either on the Start screen or the desktop.

   (Windows® 8.1 and Windows Server® 2012 R2)

   Move your mouse to the lower left corner of the Start screen and click (if you are using a touchbased device, swipe up from the bottom of the Start screen to display the Apps screen). When the Apps screen appears, tap or click (Brother Utilities).

2. Select your machine.

3. Choose the operation you want to use.
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1 Top cover
2 Control panel
3 Face-down output tray support flap (support flap)
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**NOTE**
For details about how the LEDs show the machine’s status, see *LEDs (Light Emitting Diodes)* on page 38. For the Power On/Off key functions, see *Power On/Off key* on page 44.
Acceptable paper

Print quality may vary according to the type of paper you are using.

For best results, follow the instructions below:

- DO NOT put different types of paper in the paper tray at the same time because it may cause paper jams or misfeeds.
- For correct printing, you must choose the same paper size from your software application as the paper in the tray.
- Avoid touching the printed surface of the paper immediately after printing.
- Before you buy a lot of paper, test a small quantity to make sure that the paper is suitable.

Paper capacity of the paper tray

<table>
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<th>Paper types</th>
<th>No. of sheets</th>
<th>Paper weight</th>
</tr>
</thead>
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<tr>
<td>A4, Letter, Legal, Folio ¹, A5, A5(Long Edge), B5, Executive</td>
<td>Plain paper and Recycled paper</td>
<td>Up to 150 sheets (80 g/m²)</td>
<td>65 - 105 g/m²</td>
</tr>
</tbody>
</table>

¹ Folio size is 215.9 mm x 330.2 mm.
2-sided printing

The supplied printer drivers all enable 2-sided printing. For more information about how to choose the settings, see 2-sided / Booklet on page 12 for Windows® and 2-sided Printing on page 34 for Macintosh.

Guidelines for printing on both sides of the paper

- If the paper is thin, it may wrinkle.
- If paper is curled, straighten it and put it back in the paper tray. If the paper continues to curl, replace the paper.
- If the paper is not feeding correctly, it may be curled. Remove the paper and straighten it. If the paper continues to curl, replace the paper.
- When you use the manual 2-sided function, it is possible that there may be paper jams or poor print quality. (If there is a paper jam, see Paper jams on page 57. If you have a print quality problem, see Improving the print quality on page 53.)
Manual 2-sided printing

If you are using the Macintosh Printer Driver, see Manual 2-sided Printing on page 34.

Manual 2-sided printing with the Windows® printer driver

1. Choose the following settings from each drop-down list of the printer driver.
   - **Paper Size**
     You can use all the paper sizes specified for the tray you are using.
   - **Media Type**
     You can use all the media types that are specified for the tray you are using.
   - **2-sided / Booklet**
     Choose 2-sided (Manual).
   - **2-sided Type** in 2-sided Settings
     There are four options for each orientation. (See 2-sided / Booklet on page 12.)
   - **Binding Offset** in 2-sided Settings
     You can specify the offset for binding. (See 2-sided / Booklet on page 12.)

   For any other settings, see Driver and Software in Chapter 2.

2. Send the print data to the machine. The machine will print all the even-numbered pages on one side of the paper first. Then, the Windows® driver instructs you (with a pop-up message) to reinsert the paper to print the odd-numbered pages.

**NOTE**
Before reinserting the paper, straighten it well, or you may get a paper jam. Very thin or thick paper is not recommended.
Printer driver

A printer driver is software that translates data from the format used by a computer to the format that a particular printer needs. Typically, this format is page description language (PDL).

The printer drivers for the supported versions of Windows® is on the CD-ROM we have supplied and for Macintosh it is on the Brother Solutions Center website at http://support.brother.com. Install the drivers by following the steps in the Quick Setup Guide. The latest printer drivers for Windows® and Macintosh can be downloaded from the Brother Solutions Center website at:

http://support.brother.com

For Windows®

- Windows® printer driver (the most suitable printer driver for this product)

For Macintosh

- Macintosh printer driver (the most suitable printer driver for this product)

For Linux®

- LPR printer driver
- CUPS printer driver

1 For more information and to download the printer driver for Linux please visit your model page at http://support.brother.com or use the link on the CD-ROM we have supplied.

2 Depending on Linux distributions, the driver may not be available or it may be released after the initial release of your model.
Printing a document

When the machine receives data from your computer, it begins printing by picking up paper from the paper tray. The paper tray can feed plain paper and recycled paper to the machine. (See *Paper capacity of the paper tray* on page 2.)

1. From your application, choose the Print command.
   If any other printer drivers are installed on your computer, choose **Brother HL-XXXX** (Where XXXX is your model name.) as your printer driver from the Print or Print Settings menu in your software application, and then click **OK** or **Print** to begin printing.

2. Your computer sends the data to the machine. The **Ready** LED (○) will blink.

3. When the machine finishes printing all the data, the **Ready** LED (○) finishes blinking.

**NOTE**

- You can choose the paper size and orientation in your application software.
- If your application software does not support your custom paper size, choose the next largest paper size.
- Then adjust the print area by changing the right and left margins in your application software.
Printer driver settings

You can change the following printer settings when you print from your computer:

- Paper Size
- Orientation
- Copies
- Media Type
- Print Quality (For HL-1200 and HL-1201)
  Resolution (For HL-1210W and HL-1211W)
- Print Settings
- Multiple Page
- 2-sided / Booklet
- Print Preview
- Scaling
- Reverse Print
- Use Watermark
- Header-Footer Print
- Toner Save Mode
- Administrator
- Density Adjustment
- Improve Print Output
- Skip Blank Page
- Print Text in Black
- Print Archive
- Print Profile
Windows®

Accessing the printer driver settings

1. (For Windows® XP and Windows Server® 2003) Click **Start**, and then **Printers and Faxes**.
   (For Windows Vista® and Windows Server® 2008)
   Click the (Start) button, **Control Panel**, **Hardware and Sound**, and then **Printers**.
   (For Windows® 7 and Windows Server® 2008 R2)
   Click the (Start) button, and then click **Devices and Printers**.
   (For Windows® 8)
   Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings**, and then click **Control Panel**. In the **Hardware and Sound** group, click **View devices and printers**.
   (For Windows Server® 2012 and Windows Server® 2012 R2)
   Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings**, and then click **Control Panel**. In the **Hardware** group, click **View devices and printers**.

2. Right-click the **Brother HL-XXXX** icon (where XXXX is your model name) and select **Printer properties** (**Properties**), and **Brother HL-XXXX** if necessary. The printer properties dialog box appears.

3. Choose the **General** tab and then click **Preferences...** (**Printing Preferences...**).

Features in the Windows® printer driver

For more information, see the **Help** text in the printer driver.

NOTE

- The screens in this section are from Windows® 7. The screens on your PC will vary depending on your operating system.
- To access the printer driver settings, see **Accessing the printer driver settings** on page 8.
Basic tab

You can also change the Page Layout settings by clicking the illustration on the left side of the Basic tab.

1. Choose the Paper Size, Orientation, Copies, Media Type, Print Quality 1 or Resolution 2 and Print Settings (1).

2. Choose Multiple Page and 2-sided / Booklet (2).

3. Confirm your current settings in the window (3).

4. Click OK to apply your chosen settings.

   To return to the default settings, click Default, then OK.

1 For HL-1200 and HL-1201
2 For HL-1210W and HL-1211W

**NOTE**

If you want to preview your document before printing, check the Print Preview check box (4).

**Paper Size**

From the drop-down list choose the Paper Size you are using.
**Orientation**

Orientation selects the position of how your document will be printed (Portrait or Landscape).

<table>
<thead>
<tr>
<th>Portrait (Vertical)</th>
<th>Landscape (Horizontal)</th>
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</thead>
<tbody>
<tr>
<td>![Portrait Image]</td>
<td>![Landscape Image]</td>
</tr>
</tbody>
</table>

**Copies**

The copies selection sets the number of copies that will be printed.

- **Collate**
  
  With the Collate check box selected, one complete copy of your document will be printed and then repeated for the number of copies you selected. If the Collate check box is not selected, then each page will be printed for all the copies selected before the next page of the document is printed.

- **Collate checked**
- **Collate non-checked**

**Media Type**

You can use the following types of media in your machine. For the best print quality, select the type of media that you wish to use.

- **Plain Paper**
- **Recycled Paper**

**Print Quality (For HL-1200 and HL-1201)**

You can change the print quality as follows:

- **Draft**
- **Normal**
- **Fine**
Resolution (For HL-1210W and HL-1211W)
You can change the resolution as follows:
- 300 dpi
- 600 dpi
- HQ 1200

Print Settings
You can change the print settings as follows:
- Graphics
  This is the best mode for printing documents that contain graphics.
- Text
  This is the best mode for printing text documents.
- Manual
  You can change the settings manually by choosing Manual and clicking the Manual Settings... button. You can set brightness, contrast and other settings.

Multiple Page
The Multiple Page selection can reduce the image size of a page allowing multiple pages to be printed on one sheet of paper or enlarge the image size for printing one page on multiple sheets of paper.
- Page Order
  When N in 1 option is selected, the page order can be selected from the drop-down list.
- Border Line
  When printing multiple pages onto one sheet, with the Multiple Page feature, you can choose to have a solid border, dash border or no border around each page on the sheet.
- Print cut-out line
  When 1 in NxN Pages option is selected, the Print cut-out line option can be selected. This option allows you to print a faint cut-out line around the printable area.
2-sided / Booklet
When you want to print a booklet or do 2-sided printing, use this function.

- **None**
  This disables 2-sided printing.

- **2-sided (Manual)**
  When you want to do 2-sided printing, use this option.
  
  - **2-sided (Manual)**
    The machine prints all the even numbered pages first. Then the printer driver will stop and show the instructions required to re-insert the paper. When you click **OK** the odd numbered pages will be printed.

When you choose **2-sided (Manual)**, the **2-sided Settings...** button becomes available to choose. You can set following settings in the **2-sided Settings** dialog box.

- **2-sided Type**
  There are four types of 2-sided binding directions available for each orientation.

  **Portrait**
  - Long Edge (Left)
  - Long Edge (Right)
  - Short Edge (Top)
  - Short Edge (Bottom)

  ![2-sided binding options](image)

  **Landscape**
  - Long Edge (Top)
  - Long Edge (Bottom)
  - Short Edge (Right)
  - Short Edge (Left)

  ![2-sided binding options](image)

- **Binding Offset**
  When you check **Binding Offset**, you can also specify the offset for binding in inches or millimetres.
Booklet (Manual)

Use this option to print a document in booklet format using 2-sided printing; it will arrange the document according to the correct page number and allows you to fold at the centre of the print output without having to change the order of the page number.

- **Booklet (Manual)**

  The machine prints all the even numbered sides first. Then the printer driver will stop and show the instructions required to re-install the paper. When you click OK the odd numbered sides will be printed.

When you choose Booklet (Manual), the 2-sided Settings... button becomes available to choose. You can set the following settings in the 2-sided Settings dialog box.

- **2-sided Type**

  There are two types of 2-sided binding directions available for each orientation.

  - **Portrait**
    - Left Binding
    - Right Binding

  - **Landscape**
    - Top Binding
    - Bottom Binding

- **Booklet Printing Method**

  When Divide into Sets is selected:

  This option allows you to print the whole booklet into smaller individual booklet sets, it still allows you to fold at the center of the smaller individual booklet sets without having to change the order of the page number. You can specify the number of sheets in each smaller booklet set, from 1 to 15. This option can help when folding the printed booklet that has a large number of pages.

- **Binding Offset**

  When you check Binding Offset, you can also specify the offset for binding in inches or millimetres.
Print Preview
You can preview a document before it is printed. If you check the Print Preview check box, the Print Preview Viewer window will open before printing starts.

1 Page List Area
The Page List Area displays the page numbers for the actual pages that will be printed. If you chose a page in this list, a preview of the print results for the page will be displayed in the Preview Area. If you do not want to print a page, clear the check mark.

2 Preview Area
The Preview Area displays a preview of the print results for the pages chosen in the Page List Area.

NOTE
If 2-sided (Manual) or Booklet (Manual) was chosen in the Printer driver settings, you cannot use the Print Preview function.
Advanced tab

Change the tab settings by clicking one of the following selections:

- Scaling (1)
- Reverse Print (2)
- Use Watermark (3)
- Header-Footer Print (4)
- Toner Save Mode (5)
- Administrator (6)
- Other Print Options (7)

Scaling
You can change the print image scaling.

Reverse Print
Check Reverse Print to reverse the data from up to down.

Use Watermark
You can put a logo or text into your document as a watermark. You can choose one of the preset Watermarks, or you can use a bitmap file that you have created. Check Use Watermark and then click the Settings... button.
Watermark Settings

- Select Watermark
  Choose a watermark to use.
  
  To make an original watermark, click the Add button to add the watermark settings and then choose Use Text or Use Image file in Watermark Style.

- Title
  Enter a suitable title into the field.
• Text
  Enter your Watermark Text into the Text box, and then choose the Font, Style, Size and Darkness.

• Image File
  Enter the file name and location of your bitmap image in the File box, or click Browse to search for the file. You can also set the scaling size of the image.

• Position
  Use this setting if you want to control the position of the watermark on the page.
  ▶ Bring to Front
    This option will overlay the selected characters or image onto your printed document.
  ▶ In Outline Text
    Check In Outline Text if you only want to print an outline of the watermark. It is available when you choose a text watermark.
  ▶ Custom Settings
    You can choose which watermark is to be printed on the first page or on the other pages.

Header-Footer Print
When this feature is enabled, it will print the date and time on your document from your computer’s system clock and the PC login user name or the text you entered. By clicking Settings, you can customize the information.
  ▶ ID Print
    If you select Login User Name, your PC login user name will be printed. If you select Custom and enter text in the Custom edit box, the text you entered will be printed.

Toner Save Mode
You can conserve toner use with this feature. When you set Toner Save Mode to on, print appears lighter. The default setting is off.

NOTE
• We do not recommend Toner Save Mode for printing photo or Greyscale images.
• Toner Save Mode is not available for Fine for Print Quality ¹ or HQ 1200 for Resolution ² is selected.

¹ For HL-1200 and HL-1201
² For HL-1210W and HL-1211W
**Administrator**

Administrators have the authority to limit access to functions such as scaling and watermark.

- **Password**
  Enter the password into this box.

**NOTE**
Click **Set Password...** to change the password.

- **Copies Lock**
  Lock the copy pages selection to prevent multiple copy printing.

- **Multiple Page & Scaling Lock**
  Lock the scaling setting and multiple page setting.

- **Watermark Lock**
  Lock the current settings of the Watermark option to prevent changes being made.

- **Header/Footer Print Lock**
  Lock the current settings of the Header/Footer Print option to prevent changes being made.
Other Print Options

You can set the following in Printer Function:

- **Density Adjustment**
- **Improve Print Output**
- **Skip Blank Page**
- **Print Text in Black**
- **Print Archive**

**Density Adjustment**
Increase or decrease the print density.

**Improve Print Output**
This feature allows you to improve a print quality problem.

- **Reduce Paper Curl**
  - If you choose this setting, the paper curl may be reduced.
  - If you are printing only a few pages, you do not need to choose this setting.

**NOTE**
This operation will decrease the temperature of the machine's fusing process.
**Improve Toner Fixing**
If you choose this setting, the toner fixing capabilities may be improved.

**NOTE**
This operation will increase the temperature of the machine’s fusing process.

**Skip Blank Page**
If **Skip Blank Page** is checked, the printer driver automatically detects blank pages and excludes them from printing.

**NOTE**
This option does not work when you choose the following options:
- Use Watermark
- Header-Footer Print
- N in 1 and 1 in NxN Pages in Multiple Page
- 2-sided (Manual), Booklet (Manual) in 2-sided / Booklet
- Print Preview

**Print Text in Black**
This function enables all text to be printed in Black instead of grey scale.

**NOTE**
It may not work with certain characters.

**Print Archive**
A copy of your printout can be saved as a PDF file to your computer. To change the file size, move the **File Size** slider to the right or left. The resolution is set according to the file size.

**NOTE**
By enabling this feature, there may be a longer wait before your machine begins printing.
Print Profiles are editable presets designed to give you quick access to frequently used printing configurations.

- **Print profile list box** (1)
- **Delete Profile** (2)
- **Always show Print Profiles tab first** (3)
- **Add Profile** (4)
- **Current print profile view** (5)

1. Choose your profile from the print profile list box.
2. If you want to display the **Print Profiles** tab at the front of the window from the next time you print, check **Always show Print Profiles tab first**.
3. Click **OK** to apply your chosen profile.
Add Profile
The Add Profile dialog box appears by clicking Add Profile. You can add 20 new profiles with your preferred settings.

1. Enter the desired title in Name.
2. Choose an icon you want to use from the Icon list, then click OK.
3. The current settings shown on the left side of the printer driver window will be saved.

Delete Profile
The Delete Profile dialog box appears by clicking Delete Profile. You can delete any of the profiles you have added.

1. Choose your profile from the print profile list box.
2. Click Delete.
3. Click Yes.
4. The selected profile will be deleted.
Device Settings tab

NOTE
To access the Device Settings tab, see Accessing the printer driver settings on page 8.

You can auto detect the serial number in the Device Settings tab as follows.

- Serial No. (1)
  By clicking Auto Detect (2), the printer driver will probe the machine and display its serial number. If it fails to receive the information, the screen will display “---------------”.

NOTE
The Auto Detect (2) function is not available under the following machine conditions:
  • The machine is turned off.
  • The machine is in an error state.
  • The machine is connected to the print server using a USB cable in a shared network environment.
  • The cable is not connected to the machine correctly.
Support

Click Support... in the Printing Preferences dialog box.

Brother Solutions Center (1)

The Brother Solutions Center (http://support.brother.com) is a website offering information about your Brother product including FAQs (Frequently Asked Questions), User’s Guides, driver updates and tips for using your machine.
Driver and Software

- **Original Supplies Website** (2)
  You can visit our website for original/genuine Brother supplies by clicking this button.

- **Brother CreativeCenter** (3)
  You can visit our website for free and easy online solutions for business and home users by clicking this button.

- **Print Settings** (4)
  This button will print the pages that show how the internal settings of the machine have been configured.

- **Check Setting...** (5)
  You can check the current driver settings.

- **About...** (6)
  This button will list the printer driver files and version information.

**Uninstalling the printer driver**

You can uninstall the printer driver that you have installed with the following steps.

**NOTE**

- This is not available if you originally installed the printer driver from the Windows® Add a printer function.
- After uninstalling, we recommend that you restart your computer to remove files that were in use during the uninstall.

1. **(For Windows® XP, Windows Vista® and Windows® 7)**
   Click (Start) > All Programs > Brother > Brother Utilities.

2. **(For Windows® 8)**
   Click (Brother Utilities).

3. Click the drop-down list and select your model name (if not already selected).

4. Click **Tools** in the left navigation bar.

5. Click **Uninstall**.

6. Follow the instructions on the screen.
Status Monitor

The **Status Monitor** utility is a configurable software tool for monitoring the status of one or more devices, allowing you to get immediate notification of error messages.

You can check the device status at anytime by double-clicking the icon in the tasktray or by choosing **Status Monitor** located in **Brother Utilities** on your PC.

(For Windows® XP, Windows Vista® and Window® 7)

Click **Start** > **All Programs** > **Brother** > **Brother Utilities**, and then click the drop-down list and select your model name (if not already selected). Click **Tools** in the left navigation bar, and then Click **Status Monitor**.

(Windows® 8)

Click **Brother Utilities**, and then click the drop-down list and select your model name (if not already selected). Click **Tools** in the left navigation bar, and then click **Status Monitor**.

To show the **Status Monitor** icon on your taskbar, click the button. The **Status Monitor** icon will appear in the small window. Then drag the icon to the taskbar.

**NOTE**

The automatic software update feature is active when the status monitor feature is active. With the update feature you can receive both Brother applications and machine firmware updates automatically.
**Monitoring the machine’s status**

The Status Monitor icon will change colour depending on the machine status.

- A green icon indicates the normal stand-by condition.

- A yellow icon indicates a warning.

- A red icon indicates a printing error has occurred.

There are two locations where you can display the Status Monitor on your PC - in the tasktray or on the desktop.
Macintosh

Features in the printer driver (Macintosh)

This machine supports OS X v10.7.5, 10.8.x, 10.9.x.

NOTE

• The screens in this section are from OS X v10.7.5. The screens on your Macintosh will vary depending on
  your operating system version.

• The printer driver for Macintosh is available from the download page for your model on the Brother
  Solutions Center (http://support.brother.com).

Choosing page setup options

You can set the Paper Size, Orientation and Scale.

1. From an application such as TextEdit, click File, then Page Setup. Make sure Brother HL-XXXX (where
   XXXX is your model name.) is chosen in the Format For pop-up menu. You can change the settings for
   Paper Size, Orientation and Scale, then click OK.
2. From an application such as TextEdit, click **File**, then **Print** to start printing. For more page setup options, click the **Show Details** button.

**NOTE**

You can save the current settings as a preset by choosing **Save Current Settings as Preset**... from the **Presets** pop-up menu.
Choosing printing options

To control special printing features, choose Print Settings from the Print dialog box. For the details of available options, see the following descriptions of each option.

Cover Page

You can choose the following cover page settings:

- **Print Cover Page**
  If you want to add a cover page to your document, use this function.

- **Cover Page Type**
  Choose a template for the cover page.

- **Billing Info**
  If you want to add the billing information to the cover page, enter text in the Billing Info box.
Layout

- **Pages per Sheet**
  
  The **Pages per Sheet** selection can reduce the image size of a page by allowing multiple pages to be printed on one sheet of paper.

- **Layout Direction**
  
  When you specify the pages per sheet, you can also specify the direction of the layout.

- **Border**
  
  If you want to add a border, use this function.

- **Reverse page orientation**
  
  Check **Reverse page orientation** to reverse the data from up to down.

- **Flip horizontally**
  
  Check **Flip horizontally** to print as a reflection flipped left-to-right.
Print Settings
You can change settings by choosing a setting in the Print Settings list:

- **Media Type**
  You can change the media type to one of the following:
  - Plain Paper
  - Recycled Paper

- **Print Quality (For HL-1200 and HL-1201)**
  You can change the print quality as follows:
  - Draft
  - Normal
  - Fine

- **Resolution (For HL-1210W and HL-1211W)**
  You can change the resolution as follows:
  - 300 dpi
  - 600 dpi
  - HQ 1200
**Advanced print settings**

When you click the triangle mark (▲) beside **Advanced**, the advanced print settings appear.

- **Toner Save Mode**
  You can conserve toner use with this feature. When you set **Toner Save Mode** to on, print appears lighter. The default setting is off.

**NOTE**
- We do not recommend **Toner Save Mode** for printing Photo or Greyscale images.
- **Toner Save Mode** is not available for **Fine** for Print Quality $^1$ or **HQ 1200** for Resolution $^2$ is selected.

$^1$ For HL-1200 and HL-1201

$^2$ For HL-1210W and HL-1211W

- **Graphics Quality**
  You can change the print quality as follows:
  - **Graphics**
    This is a graphics mode (contrast priority). Choose this setting for printing text and figures, such as business and presentation documents. You can represent sharp contrasts between shaded areas.
  - **Text**
    This is the best mode for printing text documents.

- **Improve Print Output**
  This feature allows you to improve a print quality problem.
  - **Reduce Paper Curl**
    If you choose this setting, the paper curl may be reduced.
    If you are printing only a few pages, you do not need to choose this setting.
NOTE
This operation will decrease the temperature of the machine’s fusing process.

• Improve Toner Fixing
  If you choose this setting, the toner fixing capabilities may be improved.

NOTE
This operation will increase the temperature of the machine’s fusing process.

■ Density Adjustment
Increase or decrease the print density.

■ Other Print Options
  • Skip Blank Page
    If Skip Blank Page is checked, the printer driver automatically detects blank pages and excludes them from printing.

2-sided Printing
■ Manual 2-sided Printing
Select Paper Handling.
  • Choose Even Only and Print. Reload the printed paper into the tray (blank side face up and the top page first). Choose Odd Only and Print.
Removing the printer driver

1. Log in as an ‘Administrator’.
2. From the Apple menu, choose System Preferences. Click Print & Scan or Printers & Scanners¹, then choose the printer you want to remove and remove it by clicking the - button.
3. Click Delete Printer.

¹ Printers & Scanners for OS X v10.9.x users

Status Monitor

The Status Monitor utility is a configurable software tool for monitoring the status of the machine, letting you see error messages at pre-set update intervals. You can check the device status by launching Brother Status Monitor following these steps:

1. Run the System Preferences, select Print & Scan or Printers & Scanners¹, then choose the machine.
2. Click the Options & Supplies.... Select the Utility tab then click Open Printer Utility. Status Monitor will start up.

¹ Printers & Scanners for OS X v10.9.x users

Updating the machine’s status

If you want the latest machine status while the Status Monitor window is open, click the Refresh icon. You can set the interval at which the software will update the machine status information. Go to the menu bar, Brother Status Monitor and choose Preferences.
Hiding or showing the window

After starting the Status Monitor, you can hide or show the window. To hide the window, go to the menu bar, Brother Status Monitor and choose Hide Status Monitor. To show the window, click the Brother Status Monitor icon in the dock.

Quitting the window

Click Brother Status Monitor in the menu bar and then choose Quit Status Monitor from the pop-up menu.

Web Based Management (Network Connection only)

You can access the Web Based Management System by clicking the machine icon on the Status Monitor screen. A standard Web Browser can be used to manage your machine using HTTP (Hyper Text Transfer Protocol).

More information on the Web Based Management, see Network User's Guide.
Software

Remote Printer Console (Windows® HL-1200 and HL-1201 only)

Remote Printer Console is software to change many of the printer settings independently of your application. For example, you can change the settings for printer margin and so on. These settings are then remembered and used by the machine. The application and printer driver settings will take priority over the Remote Printer Console settings.

NOTE
Not available to countries subject to applicable export regulations.

How to use and install the Remote Printer Console software

To use the Remote Printer Console software, follow the steps below.

1. Put the supplied installer CD-ROM into your CD-ROM drive and close the opening screen when it appears.
2. Open Windows® Explorer and choose the CD-ROM drive.
3. Double-click the tools folder.
4. Double-click the rpc folder.
5. Refer to the RPC_User’s_Guide.pdf for how to install and use the Remote Printer Console.

Software for networks (HL-1210W and HL-1211W only)

For the information about network utility software, see Network User’s Guide.
Control panel

LEDs (Light Emitting Diodes)

This section refers to the two LEDs and the two buttons on the control panel.

1 Power On/Off

You can turn the machine on and off.

Press and hold down  to turn the machine on.

Press and hold down  to turn the machine off. All the LEDs turn off when you enable the Power Off mode.

Also, you can use the following functions:
Current Job Cancel / All Jobs Cancel
Error recovery / Form feed
For details, see Power On/Off key on page 44

2 WiFi (HL-1210W and HL-1211W only)

Press the WiFi button and launch the wireless installer on your computer. Follow the on-screen instructions to set up a wireless connection between your machine and your network.

When the WiFi light is on, your Brother machine is connected to a wireless access point. When the WiFi light blinks, the wireless connection is down, or your machine is in the process of connecting to a wireless access point.

3 Error LED ()

The Error LED ( ) indicates that the machine is in error state.

Also, the Error LED ( ) indicates the kind of error in combination with other LEDs.

4 Ready LED ()

The Ready LED ( ) will blink depending on the machine status.
The LED indications shown in the table below are used in the illustrations in this chapter.

<table>
<thead>
<tr>
<th>LEDs</th>
<th>Machine Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="led_icon_small" /></td>
<td><strong>Sleep</strong></td>
</tr>
</tbody>
</table>
| The machine is in Sleep Mode (Power Save mode). While the machine is in Sleep Mode, the *Ready* LED ((LED is dimmed, but the machine can still receive data. Receiving a print job will automatically wake up the machine to start printing.  
For more information, see *Sleep Time* on page 46. |
| ![led_icon_small](image) | **Deep Sleep** |
| The machine is in Deep Sleep Mode, reducing more power consumption than Sleep mode. While the machine is in Deep Sleep Mode, the *Ready* LED (LED is dimmed, but the machine can still receive data. Receiving a print job will automatically wake up the machine to start printing.  
For more information, see *Deep Sleep mode* on page 46. |
| ![led_icon_small](image) | **Ready** |
| The machine is ready to print. |
| ![led_icon_small](image) | **Printing** |
| The machine is printing.  
The *Ready* LED (LED will blink in 0.5 second intervals.  |
| ![led_icon_small](image) | **Please Wait** |
| The machine is warming up.  
The *Ready* LED (LED will blink in 1 second intervals.  |
| ![led_icon_small](image) | **Cooling Down** |
| The inside of the machine is extremely hot. The machine will pause its current print job and go into Cooling Down mode. Wait until the machine is in Ready mode.  
The *Ready* LED (LED will blink in 1 second intervals.  |
| ![led_icon_small](image) | **Receiving Data** |
| The machine is either receiving data from the computer or processing data in the memory.  
The *Ready* LED (LED will blink in 0.5 second intervals.  |
### General Information

<table>
<thead>
<tr>
<th>LEDs</th>
<th>Machine Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>!</td>
<td>Data Remaining</td>
</tr>
<tr>
<td></td>
<td>There is remaining print data in the machine's memory. If the Ready LED (○) is blinking for a long time and nothing has printed, press to print the remaining data in the memory. The Ready LED (○) will blink in 0.5 second intervals.</td>
</tr>
<tr>
<td></td>
<td>Toner Low</td>
</tr>
<tr>
<td></td>
<td>The toner cartridge will need to be replaced soon. Buy a new Brother toner cartridge and have it ready for when Replace Toner is indicated. Both the Ready (○) and Error (!) LEDs will turn on together, then the Error LED (!) will turn off after 0.5 seconds and the Ready LED (○) will turn off after 1 second, they will then both be off for a further 1 second. This procedure is repeated until the error is corrected. If the printout is faint, hold the drum unit and toner cartridge assembly level with both hands and gently shake it from side to side several times to spread the toner evenly inside the cartridge. Replace Toner (Continue mode) The machine continues printing until the LED indicates Toner Ended. Both the Ready (○) and Error (!) LEDs will turn on together, then the Error LED (!) will turn off after 0.5 seconds and the Ready LED (○) will turn off after 1 second, they will then both be off for a further 1 second. This procedure is repeated until the error is corrected. For details about Continue mode, see Toner Setting on page 50.</td>
</tr>
<tr>
<td></td>
<td>Replace Toner (Stop mode) Replace the toner cartridge with a new one. The Error LED (!) will blink once in 1.5 seconds intervals. For details about Stop mode, see Toner Setting on page 50. (See the instructions printed on the box of the new brother toner cartridge.)</td>
</tr>
<tr>
<td></td>
<td>No Toner Remove the drum unit and toner cartridge assembly, remove the toner cartridge from the drum unit, and re-install the toner cartridge back into the drum unit again. Re-install the drum unit and toner cartridge assembly back in the machine. If the problem continues, replace the toner cartridge. The Error LED (!) will blink once in 1.5 seconds intervals. (See the instructions printed on the box of the new brother toner cartridge.)</td>
</tr>
<tr>
<td></td>
<td>Toner Ended Replace the toner cartridge with a new one. The Error LED (!) will blink once at 1.5 seconds intervals. (See the instructions printed on the box of the new brother toner cartridge.)</td>
</tr>
<tr>
<td></td>
<td>Cartridge Error The drum unit and toner cartridge assembly is not installed correctly. Take the drum unit and toner cartridge assembly out of the machine and put it back in. Use only a Brother Original drum unit and Brother Original toner cartridge. The Error LED (!) will blink 4 times and turn off for 1 second.</td>
</tr>
<tr>
<td>LEDs</td>
<td>Machine Status</td>
</tr>
<tr>
<td>------</td>
<td>----------------</td>
</tr>
</tbody>
</table>
| ![Drum End Soon / Replace Drum](image) | **Drum End Soon / Replace Drum**  
Replace the drum with a new one. Reset the drum counter. (See the insertion included with the drum unit.)  
We recommend you keep a Brother Original drum unit ready for installation.  
The Error LED (■) will blink 3 times at 0.5 second intervals and the Ready LED (〇) will light up. Then both LEDs will turn off for 1 second. |
| ![Drum !](image) | **Drum !**  
The corona wire needs to be cleaned. See *Cleaning the corona wire* on Improving the print quality.  
The Error LED (■) will blink 3 times and turn off for 1 second. |
| ![No Drum](image) | **No Drum**  
If the toner cartridge is placed in the machine without the drum unit, put the toner cartridge into the drum unit, and then reinstall the drum unit and toner cartridge assembly in the machine.  
The Error LED (■) will blink 3 times and turn off for 1 second. |
| ![Jam Tray / Jam Inside 1 / Jam Inside 2 / Jam Inside 3](image) | **Jam Tray / Jam Inside 1 / Jam Inside 2 / Jam Inside 3**  
Clear the paper jam.  
See *Paper jams* on page 57.  
If the machine does not start printing, press .  
The Error LED (■) will blink twice and turn off for 1 second. |
| ![Wrong Paper Type](image) | **Wrong Paper Type**  
The width or length of the paper in the paper tray is too small. Put paper that can be used in the paper tray, and then press .  
Acceptable paper sizes are: A4, Letter, Legal, Folio, A5, A5(Long Edge), B5 and Executive. (See *Acceptable paper* on page 2.)  
The Error LED (■) will blink twice and turn off for 1 second. |
| ![No Paper](image) | **No Paper**  
Put paper in the paper tray you are using.  
The Error LED (■) will blink twice and turn off for 1 second. |
| ![Size Mismatch](image) | **Size Mismatch**  
The paper in the tray is not the correct size. Load the correct size of paper in the tray and set the size of paper to the tray.  
The Error LED (■) will blink twice. |
### General Information

#### LEDs | Machine Status
--- | ---
盖子打开（红灯亮起） | **Cover is Open**
关闭顶部盖子。**Error LED (琥珀色)**将闪烁4次，然后关闭1秒。

#### Out of Memory

- 按住（长按）**电源键**约2秒，直到所有LED灯亮起，然后释放。
- 机器将取消打印作业并清除内存。
- 机器也会在进入**Out of Memory**状态后自动取消打印作业并清除内存。
- 减少文档的复杂度或降低打印质量。

#### Cancel Printing

- 机器正在取消打印工作。
- **Error LED (琥珀色)**和**Ready LED (绿色)**将交替亮起。
General Information

Service call indications

If there is an error that cannot be cleared by the user, the machine will show that a service call is needed by lighting up all the LEDs as shown below.

If you see the service call indication shown above, turn off the machine, and then turn it back on and try to print again.

If the error is not cleared after turning the machine off and then back on, press . The LEDs will light up as shown in the following table to identify the error. The number under the LED icon shows how many times the LED will blink.

LED error indication

<table>
<thead>
<tr>
<th>LEDs</th>
<th>Main PCB failure</th>
<th>Fuser unit failure</th>
<th>Laser unit failure</th>
<th>Main motor failure</th>
<th>High voltage failure</th>
<th>Zero Cross error</th>
</tr>
</thead>
<tbody>
<tr>
<td>Error</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ready</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 If this error occurs, turn off the machine, wait a few seconds, and then turn it on again. Leave the machine for approx. 15 minutes with the power on. If the error occurs again, call Brother customer service or your local Brother dealer.

For example, the LED indication below shows a fuser unit failure.

Make a note of the indication, referring to LED error indication on page 43, and report the error status to Brother customer service or your local Brother dealer.

NOTE

Make sure that the top cover is completely closed before you report a service call.
Power On/Off key

Power On/Off key has the following functions:

- **Power Off**

  Make sure that the machine is in the **Ready** mode, then hold down (power button) for about 2 seconds. All the LEDs turn off when you enable the Power Off mode. For details about Power Off mode, see *Auto Power Off* on page 47.

- **Cancel printing**

  Cancel the current job being printed: Press and hold (power button) for about 2 seconds. The machine will then eject the paper. The **Error** LED (琥珀色) and **Ready** LED (綠色) will light up alternately. Then release (power button). Cancel all the received jobs: To delete all jobs, cancel the current job first following the procedure above. While all the LEDs light up alternately, press (power button) again. All the LEDs will keep on lighting up alternately as the job(s) is being canceled.

- **Error recovery**

  If there is an error, the machine will recover automatically from some errors. If an error is not automatically cleared, press (power button) to clear the error, and then continue to use the machine.

- **Form feed**

  If the **Ready** LED (綠色) blinks for a long time, press (power button). The machine will print any data that is left in the machine’s memory.
Print a Printer Settings page

You can print the current settings using the control panel button or printer driver.

Using the Power On/Off key

1. Make sure that the top cover is closed and the power cord is plugged in.
2. Turn on the machine and wait until the machine is in Ready mode.
3. Press \( \text{button} \) three times. The machine will print the current printer settings page.

Using the printer driver

If you are using the Windows® printer driver, you can print the current printer settings page by clicking the Print Settings button in the Support dialog box.
Ecology features

Toner Save

You can save toner using this feature. When you set Toner Save to on, prints appear lighter. The default setting is off.

You can change the toner save mode setting on the printer driver.

To change the toner save mode setting, see the following:

- Advanced tab on page 15 (Windows® printer driver)
- Print Settings on page 32 (Macintosh printer driver)

Sleep Time

The Sleep mode setting can reduce power consumption. When the machine is in Sleep Mode (Power Save mode) it acts as though it were turned off. The machine will wake up and start printing when it receives a print job.

The machine automatically goes into Sleep mode after it is idle for 1 minute. When the machine receives a print file or document, the timer will be reset. While the machine is in Sleep mode the Ready LED ( ) glows dimly.

Deep Sleep mode

If the machine is in Sleep mode and does not receive any jobs for a certain length of time, the machine will go into Deep Sleep mode automatically and the Ready LED ( ) glows dimly. Deep Sleep mode uses less power than Sleep Mode. The machine will wake up, when the machine receives a print job.
# Auto Power Off

If the machine is in Deep Sleep mode for 1 hour, it enters Power Off mode automatically. Power Off mode is the lowest power consumption mode, which achieves a power consumption of less than 0.28 W. To start printing, hold the key on the control panel until all the LEDs light up. Then send the print data.

**NOTE**

- **(HL-1200 and HL-1201)**
  You can change the Power Off mode setting through the Remote Printer Console. For more information on the Remote Printer Console, see *Remote Printer Console (Windows® HL-1200 and HL-1201 only)* on page 37.

- **(HL-1210W and HL-1211W)**
  You can change the Power Off mode setting through the Web Based Management. For more information, see the Network User’s Guide.
  The machine does not go into Power Off mode when the machine is connected to a wireless network.
Consumable items

The drum unit and toner cartridge are two separate consumables. Make sure both are installed as an assembly. For more information on how to replace the consumable items, see the instructions included with the drum unit for replacing the drum unit or see the instructions listed on the box of the toner cartridge for replacing the toner cartridge.

<table>
<thead>
<tr>
<th>Toner cartridge</th>
<th>Drum unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Name:</td>
<td>Model Name:</td>
</tr>
<tr>
<td>(For Australia and New Zealand) TN-1070</td>
<td>(For Australia and New Zealand) DR-1070</td>
</tr>
<tr>
<td>(For Vietnam) TN-1010</td>
<td>(For Vietnam) DR-1010</td>
</tr>
<tr>
<td>(For India) TN-1020</td>
<td>(For India) DR-1020</td>
</tr>
<tr>
<td>(For Turkey) TN-1040</td>
<td>(For Turkey) DR-1040</td>
</tr>
<tr>
<td>(For Indonesia) TN-1080</td>
<td>(For Indonesia) DR-1080</td>
</tr>
<tr>
<td>(For other countries) TN-1000</td>
<td>(For other countries) DR-1000</td>
</tr>
</tbody>
</table>

**IMPORTANT**

- Brother machines are designed to work with toner of a particular specification and will work to a level of optimum performance when used with Brother Original toner cartridges. Brother cannot guarantee this optimum performance if toner or toner cartridges of other specifications are used. The machine may not detect toner or toner cartridges of other specifications correctly but may instead detect such items as standard yield toner cartridges. Brother does not therefore recommend the use of cartridges other than Brother Original cartridges with this machine, or the refilling of empty cartridges with toner from other sources. If damage is caused to the drum unit or other parts of this machine as a result of the use of toner or toner cartridges other than Brother Original products due to the incompatibility or lack of suitability of those products with this machine, any repairs required as a result may not be covered by the warranty.

- For best performance, use a Brother Original drum unit and a Brother Original toner cartridge. Printing with a third party drum unit or toner cartridge may reduce not only the print quality but also the quality and life of the machine itself. Warranty coverage may not apply to problems caused by the use of a third party drum or toner cartridge.
NOTE

• Discard used consumable items according to local regulations, keeping it separate from domestic waste. If you have questions, call your local waste disposal office. Be sure to reseal the consumable items tightly so that the material inside does not spill.

• Availability of toner cartridges differs from one country to another. Visit the Brother Solutions Center at http://support.brother.com or contact your local Brother office for further details.
**Toner Setting**

The printing operation varies depending on the machine setting:

- **Default setting (Stop mode)**
  
  The machine will stop printing until you replace the toner cartridge with a new one when the LEDs indicate **Replace Toner**.

- **Continue mode**

  To force the machine to continue printing after the LEDs indicate **Replace Toner**, press seven times to enter Continue mode (all the LEDs blink twice, and then the **Ready** LED (○) turns on). The machine will continue printing until the LEDs indicate **Toner Ended**.

  To return to the default setting (Stop mode), press seven times (all the LEDs blink once).

**NOTE**

- Make sure that the top cover is closed before you change the mode.
- When the LEDs indicate an error mode, you cannot change the mode.
- If you continue printing in the Continue mode, we cannot guarantee the print quality.
- While using Continue mode the print may appear faint.
Identifying your problem

First, check the following.
- The machine’s power cord is connected correctly and the machine is turned on.
- All of the protective parts have been removed.
- Paper is inserted correctly in the paper tray.
- The interface cable is securely connected to the machine and the computer.

If you did not solve your problem with the above checks, identify your problem and then go to the page suggested below:
If you are having difficulty with your machine on page 61
Improving the print quality on page 53

If the machine is connected to a PC, depending on the error, a Popup application may appear on the PC. Follow the instructions on the screen to resolve the error.
## Error messages in the Status Monitor

The most common error and maintenance messages are shown below.

If you need more help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips: Visit us at [http://support.brother.com](http://support.brother.com).

<table>
<thead>
<tr>
<th>Error message</th>
<th>Cause</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cartridge Error</td>
<td>The toner cartridge is not installed correctly.</td>
<td>Pull out the drum unit and toner cartridge assembly, take out the toner cartridge, and put it back into the drum unit again. Put the drum unit and toner cartridge assembly back in the machine. If the problem continues, call your Brother Customer Service.</td>
</tr>
<tr>
<td></td>
<td>Verify you are using a genuine Brother toner cartridge.</td>
<td>Use only a genuine Brother Original drum unit and genuine Brother Original toner cartridge.</td>
</tr>
<tr>
<td>Cooling Down</td>
<td>The inside of the machine is extremely hot.</td>
<td>The machine will pause its current print job and go into Cooling Down mode. Wait until the machine is in Ready mode.</td>
</tr>
<tr>
<td>Cover is Open</td>
<td>The top cover is not closed completely.</td>
<td>Close the top cover of the machine.</td>
</tr>
<tr>
<td>Drum End Soon</td>
<td>The drum unit is near the end of its life.</td>
<td>Order a new drum unit now so a replacement drum unit will be available when the Status Monitor indicates <strong>Replace Drum</strong>. (See Drum End Soon / Replace Drum on LEDs (Light Emitting Diodes).)</td>
</tr>
<tr>
<td>Replace Drum</td>
<td>It is time to replace the drum unit.</td>
<td>Replace the drum unit. (See the instructions that are supplied with the new drum unit.)</td>
</tr>
<tr>
<td></td>
<td>The drum unit counter was not reset when a new drum was installed.</td>
<td>Reset the drum unit counter. (See the instructions that are supplied with the new drum unit.)</td>
</tr>
<tr>
<td>Replace Toner</td>
<td>The toner cartridge is at the end of its life. The machine will stop all print operations.</td>
<td>Replace the toner cartridge. (See the instructions printed on the box of the new Brother toner cartridge.)</td>
</tr>
<tr>
<td>Toner Low</td>
<td>If the <strong>Status Monitor</strong> shows <strong>Toner Low</strong>, you can still print; however, the machine is telling you that the toner cartridge is near the end of its life.</td>
<td>Order a new Brother toner cartridge now so a replacement toner cartridge will be available when the <strong>Status Monitor</strong> shows <strong>Replace Toner</strong>.</td>
</tr>
</tbody>
</table>
Improving the print quality

NOTE
Brother does not recommend the use of cartridges other than genuine Brother Original cartridges or the refilling of used cartridges with toner from other sources.

If you are having problems with print results, check the following:

1. The machine’s environment.
   Choose a location where the temperature remains between 10°C and 32°C and the humidity is between 20% to 80% (without condensation).

2. Acceptable paper is loaded in the paper tray.
   See Acceptable paper on page 2

3. The paper is loaded correctly in the machine.

   Turning the paper over may help paper loading become smoother.

   Adjusting the guide may help paper loading become smoother.
4 Replace the toner cartridge or the drum unit.
   For more information on how to replace the consumable items, see the instructions included with the drum unit for replacing the drum unit or see the instructions listed on the box of the toner cartridge for replacing the toner cartridge.

5 Clean the inside of the machine.
   ■ Cleaning the corona wire
     Slide the green tab from left to right and right to left several times.

   **NOTE**
   Be sure to return the tab to the home position (▲) (1). If you do not, printed pages may have a vertical stripe.

   ■ Clean the drum unit if black or white dots appear on printed pages
     Push down the lock lever and take the toner cartridge out of the drum unit.
Turn the drum unit gear by hand while looking at the surface of the drum roller (1).

Wipe the surface of the drum gently with a dry cotton swab until the dust or glue on the surface comes off.
6 Check the printer driver settings.

Try changing the **Print Settings** in **Basic** tab.

If the paper is curled or the toner is not fixed well on the paper, you can adjust these settings in **Improve Print Output**. Click **Other Print Options** in the **Advanced** tab.
Paper jams

If a paper jam occurs inside the machine or the paper tray, the Error LED (!) will blink twice.

1. Leave the machine turned on for 15 minutes for the product to cool down before you touch the internal parts of the product.

2. Use both hands to slowly pull out the jammed paper.

3. Open the top cover.
4 Slowly take out the drum unit and toner cartridge assembly. The jammed paper may be pulled out with the drum unit and toner cartridge assembly, or this may release the paper so you can pull it out from inside of the machine.

WARNING

HOT SURFACE
5 Push down the lock lever and take the toner cartridge out of the drum unit. Remove the jammed paper if there is any inside the drum unit.

6 Put the toner cartridge back into the drum unit until you hear it lock into place. If you put the cartridge in correctly, the lock lever on the drum unit will lift automatically.

7 Put the drum unit and toner cartridge assembly back into the machine.

8 Close the top cover of the machine.
9 Make sure that the paper is below the protruding section of the rear guide. Slide the paper guides to fit the paper size. Make sure that the guides are firmly in the slots.

**NOTE**

If you turn the machine off during a paper jam, the machine will print any incomplete data from your computer when you turn the machine back on. Before you turn the machine on, delete the print spool job on your computer.

10 Make sure that the **Error LED (!)** is off and that the **Ready LED (O)** is green.
If you are having difficulty with your machine

**IMPORTANT**

- For technical help, you must call Brother customer service or your local Brother dealer.
- If you think there is a problem with your machine, check the chart below and follow the troubleshooting tips. Most problems can be easily resolved by yourself.
- If you need additional help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips. Visit us at [http://support.brother.com](http://support.brother.com).

### Printing difficulties

<table>
<thead>
<tr>
<th>Difficulties</th>
<th>Suggestions</th>
</tr>
</thead>
<tbody>
<tr>
<td>No printout.</td>
<td>Check that the correct printer driver has been installed and chosen.</td>
</tr>
<tr>
<td></td>
<td>Check to see if the LEDs are indicating any error. (See LEDs (Light Emitting Diodes) on page 38 and Error messages in the Status Monitor on page 52.)</td>
</tr>
<tr>
<td></td>
<td>Check the machine is online:</td>
</tr>
<tr>
<td></td>
<td>(For Windows Server® 2012 R2) Click <strong>Control Panel</strong> on the <strong>Start</strong> screen. In the <strong>Hardware and Sound</strong> group, click <strong>View devices and printers</strong>. Right-click <strong>Brother HL-XXXX</strong>. Click <strong>See what’s printing</strong>. If printer driver options appear, select your printer driver. Click <strong>Printer</strong> in the menu bar and make sure <strong>Use Printer Offline</strong> is not selected.</td>
</tr>
<tr>
<td></td>
<td>(For Windows® 8 and Windows Server® 2012) Move your mouse to the lower right corner of your desktop. When the menu bar appears, click <strong>Settings</strong>, and then click <strong>Control Panel</strong>. In the <strong>Hardware and Sound</strong> group, click <strong>View devices and printers</strong>. Right-click <strong>Brother HL-XXXX</strong> and click <strong>See what’s printing</strong>. Click <strong>Printer</strong> and make sure <strong>Use Printer Offline</strong> is unchecked.</td>
</tr>
<tr>
<td></td>
<td>(Windows® 7 and Windows Server® 2008 R2) Click the (Start) button and <strong>Devices and Printers</strong>. Right-click <strong>Brother HL-XXXX</strong> and click <strong>See what’s printing</strong>. Click <strong>Printer</strong> and make sure <strong>Use Printer Offline</strong> is unchecked.</td>
</tr>
<tr>
<td></td>
<td>(Windows Vista® and Windows Server® 2008) Click the (Start) button &gt; <strong>Control Panel</strong> &gt; <strong>Hardware and Sound</strong> &gt; <strong>Printers</strong>. Right-click <strong>Brother HL-XXXX</strong>. Make sure that <strong>Use Printer Online</strong> is deselected.</td>
</tr>
<tr>
<td></td>
<td>(Windows® XP and Windows Server® 2003) Click the Start &gt; <strong>Printers and Faxes</strong>. Right-click <strong>Brother HL-XXXX</strong>. Make sure that <strong>Use Printer Online</strong> is deselected.</td>
</tr>
</tbody>
</table>
### Printing difficulties (continued)

<table>
<thead>
<tr>
<th>Difficulties</th>
<th>Suggestions</th>
</tr>
</thead>
</table>
| The machine is not printing or prints unexpectedly.                          | Press and hold  for about 2 seconds until all the LEDs light up and then release it.  
The machine will cancel the print job and clear it from the memory. The printout may be incomplete. |

### Network difficulties

<table>
<thead>
<tr>
<th>Difficulties</th>
<th>Suggestions</th>
</tr>
</thead>
</table>
| The Brother software cannot be installed.                                    | *(Windows®)*  
If the Security Software warning appears on the PC screen during the installation, change the Security Software settings to permit the Brother product setup program or other program to run.  
(Macintosh)  
If you are using a firewall function of anti-spyware or antivirus security software, temporarily disable it and then install the Brother software. |
| Cannot connect to wireless network.                                          | Investigate the problem using the WLAN Report. To print the WLAN Report, see Network User’s Guide. |
| For other problems concerning using your machine on a Network, see [Network User’s Guide](#) |
Cleaning and Checking the machine

Clean the outside and inside of the machine regularly with a dry, lint-free cloth. When you replace the toner cartridge or the drum unit, make sure that you clean the inside of the machine. If printed pages are stained with toner, clean the inside of the machine with a dry, lint-free cloth.

⚠️ WARNING

⚠️ ⚠️

DO NOT use flammable substances, any type of spray, or an organic solvent/liquid containing alcohol or ammonia to clean the inside or outside of the machine. Doing so could cause a fire or electrical shock. Instead, use only a dry, lint-free cloth.

(See Product Safety Guide)
Machine Information

Default settings

The machine has three levels of default settings; the default settings have been set at the factory before shipment.

- Network Reset (HL-1210W and HL-1211W only)
- Factory Reset
- Settings Reset

NOTE

• You cannot modify the preset default settings.
• Page counters can never be changed.

Network Reset (HL-1210W and HL-1211W only)

To reset only the print server back to its default settings (by resetting all network information such as the password and IP address), follow these steps:

1. Turn the machine off.
2. Make sure that the top cover is closed and the power cord is plugged in.
3. While holding down , open and close the top cover once.
4. Release . Make sure that all the LEDs turn off.
5. Press six times. Make sure that all the LEDs light up to indicate the machine has been reset to its network default settings. The machine will restart.

Factory Reset

You can partially reset the machine back to its default printer settings:

1. Turn off the machine.
2. Make sure that the top cover is closed and the power cord is plugged in.
3. While holding down , open and close the top cover once.
4. Release . Make sure that all the LEDs turn off.
5. Press eight times. Make sure that all the LEDs light up to indicate the machine has been reset to its factory default settings. The machine will restart.
Settings Reset
This operation will reset all the machine settings back to the settings that were set at the factory:

1. Turn off the machine.
2. Make sure that the top cover is closed and the power cord is plugged in.
3. While holding down ( ), open and close the top cover once.
4. Release ( ). Make sure that all the LEDs turn off.
5. Press ( ) ten times. The machine will automatically restart.
## Specifications

### General

<table>
<thead>
<tr>
<th>Model</th>
<th>HL-1200</th>
<th>HL-1201</th>
<th>HL-1210W</th>
<th>HL-1211W</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Printer Type</strong></td>
<td>Laser</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Print Method</strong></td>
<td>Electrophotographic Laser Printer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Memory Capacity</strong></td>
<td>Standard 1 MB</td>
<td>32 MB</td>
<td>32 MB</td>
<td></td>
</tr>
<tr>
<td><strong>Power Source</strong></td>
<td>220 - 240 V AC 50/60Hz</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Consumption (Average)</strong></td>
<td>Peak £</td>
<td>Approx. 1056 W</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Printing £</td>
<td>Approx. 380 W at 25 °C</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Networked</td>
<td>Approx. 0.5 W</td>
<td>Approx. 1.3 W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Standby £</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ready £</td>
<td>Approx. 40 W at 25 °C</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Deep Sleep £</td>
<td>Approx. 0.5 W</td>
<td>Approx. 0.7 W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Power Off £</td>
<td>Approx. 0.28 W</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Dimension

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>340 mm × 238 mm</td>
<td>340 mm × 238 mm</td>
</tr>
<tr>
<td></td>
<td>189 mm</td>
<td>189 mm</td>
</tr>
</tbody>
</table>

### Weights (with consumables)

<table>
<thead>
<tr>
<th></th>
<th>4.6 kg</th>
</tr>
</thead>
</table>

### Noise Level

<table>
<thead>
<tr>
<th></th>
<th>Sound Pressure</th>
<th>Printing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LPAm = 51 dB (A)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Sound Power</th>
<th>Printing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LWAd = 6.6 B (A)</td>
<td></td>
</tr>
</tbody>
</table>

### Temperature

<table>
<thead>
<tr>
<th></th>
<th>Operating</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10 to 32 °C</td>
<td>0 to 40 °C</td>
</tr>
</tbody>
</table>
## Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>HL-1200</th>
<th>HL-1201</th>
<th>HL-1210W</th>
<th>HL-1211W</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Humidity</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>20 to 80% (without condensation)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage</td>
<td>35 to 85% (without condensation)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| USB         | Full-Speed USB 2.0 6 7  
It is recommended you use a USB 2.0 cable (Type A/B) that is no more than 2.0 metres long. | Hi-Speed USB 2.0 6 7
It is recommended you use a USB 2.0 cable (Type A/B) that is no more than 2.0 metres long. |         |          |
| Wireless LAN | -       |         | IEEE 802.11 b/g/n (Infrastructure mode/Ad-hoc mode) |          |
| **Support OS**|         |         |          |          |
| Mac OS      | OS X v10.7.5, 10.8.x, 10.9.x |         |          |          |
### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>HL-1200</th>
<th>HL-1201</th>
<th>HL-1210W</th>
<th>HL-1211W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consumption</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toner Cartridge (Inbox)</td>
<td></td>
<td></td>
<td></td>
<td>(For Australia and New Zealand)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Approx. 700 pages A4 or Letter page</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For Vietnam and India)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Approx. 1500 pages A4 or Letter page</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For other countries)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Approx. 1000 pages A4 or Letter page</td>
</tr>
<tr>
<td>Toner Cartridge (Standard)</td>
<td></td>
<td></td>
<td></td>
<td>(For Vietnam and India)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Approx. 1500 pages A4 or Letter page</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For other countries)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Approx. 1000 pages A4 or Letter page</td>
</tr>
<tr>
<td>Model Name</td>
<td></td>
<td></td>
<td></td>
<td>(For Australia and New Zealand) TN-1070</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For Vietnam) TN-1010</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For India) TN-1020</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For Turkey) TN-1040</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For Indonesia) TN-1080</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For other countries) TN-1000</td>
</tr>
<tr>
<td>Drum Unit</td>
<td></td>
<td></td>
<td></td>
<td>Approx. 10,000 pages A4 or Letter pages (1 page/job)</td>
</tr>
<tr>
<td>Model Name</td>
<td></td>
<td></td>
<td></td>
<td>(For Australia and New Zealand) DR-1070</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For Vietnam) DR-1010</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For India) DR-1020</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For Turkey) DR-1040</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For Indonesia) DR-1080</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(For other countries) DR-1000</td>
</tr>
</tbody>
</table>

1. Measured when the machine is connected to the USB interface.
2. All wireless network ports activated and all wired network ports connected according to Regulation (EU) No 801/2013.
3. To deactivate the wireless function, press the WiFi button on the machine 7 times. To activate the wireless function again, press the WPS or AOSSTM button on your wireless LAN access point/router, and then press and hold the WiFi button on your machine for 2 seconds.
4. Power consumption varies slightly depending on the usage environment or part wear.
5. Measured according to IEC 62301 Edition 2.0.
6. The machine can also be connected to a computer that has a USB 1.1 interface.
7. Third-party USB ports are not supported.
8. For detailed network specifications, see Network (LAN) (HL-1210W and HL-1211W only) on page 72 and Network User’s Guide.
9. Approx. cartridge yield is declared in accordance with ISO/IEC 19752.
10. Drum life is approximate and may vary by type of use.
### Print media

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper Input</td>
<td>Paper Tray</td>
<td>Plain paper, Recycled paper</td>
<td>A4, Letter, Legal, Folio, A5, A5(Long Edge), B5, Executive</td>
<td>65 to 105 g/m²</td>
<td>Up to 150 sheets of 80 g/m² Plain paper</td>
<td>Up to 50 sheets of 80 g/m² Plain paper (face-down delivery to the face-down output paper tray)</td>
</tr>
</tbody>
</table>

Paper Weight: 65 to 105 g/m²

Maximum Paper Capacity: Up to 150 sheets of 80 g/m² Plain paper

Print media B

Model

- HL-1200
- HL-1201
- HL-1210W
- HL-1211W
Important information for choosing your paper

The information in this section will help you choose paper to use with this machine.

NOTE
If you use paper that is not recommended, a paper jam or misfeed may occur in the machine.

Before you buy a large quantity of paper
Make sure that the paper is suitable for the machine.

Paper for plain paper copies
Paper is divided by usage, such as paper for printing and paper for copying. The usage is usually written on the paper’s package. Check the package to see whether it is suitable for laser printers. Use paper that is suitable for laser printers.

Basis weight
The basis weight of the paper in general use varies in different countries. We recommend that you use paper that weighs 70 to 90 g/m², although this machine is able to cope with thinner or thicker paper than these weights.

Long grain and short grain
The pulp fiber of the paper is aligned during paper manufacturing. And paper can be classified into two types, long grain and short grain.

Long grain paper fibers run in the same direction as the long edge of the paper. Short grain paper fibers run perpendicular to the long edge of the paper. Though most plain paper for copying is long grain, some is short grain. We recommend that you use long grain paper for this machine. Short grain paper is too weak for the paper transport of the machine.

Acid paper and neutralized paper
Paper can be classified as either acid paper or neutralized paper.

Though modern paper manufacture methods started with acid paper, neutralized paper is recently taking the place of acid paper because of environmental issues.
However, many forms of acid paper can be found in recycled paper. We recommend that you use neutralized paper for this machine.
You can use an acid paper check pen to distinguish acid paper from neutral paper.

Print surface
The characteristics of the face side and reverse side of a sheet of paper may vary a little.

Usually, the opening side of the paper ream package is the print side. Follow the instructions on the paper package. Typically, the print side is indicated by an arrow.
## Printer

<table>
<thead>
<tr>
<th>Model</th>
<th>HL-1200</th>
<th>HL-1201</th>
<th>HL-1210W</th>
<th>HL-1211W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>Up to 600 × 600 dpi (2400 × 600 dpi with Resolution Control)</td>
<td>Up to 2400 × 600 dpi (HQ 1200 technology)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Print Speed</td>
<td>Single side print</td>
<td>Up to 20 ppm (A4 size)</td>
<td>Up to 21 ppm (Letter size)</td>
<td></td>
</tr>
<tr>
<td>First Print Time</td>
<td>Less than 10 seconds at 23 °C / 230 V</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. The print speed may change depending on the type of document you print.
2. From Ready mode
## Network (LAN) (HL-1210W and HL-1211W only)

<table>
<thead>
<tr>
<th>Model</th>
<th>HL–1210W</th>
<th>HL–1211W</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LAN</strong></td>
<td>You can connect your machine to a network for Network Printing.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Also included is Brother BRAdmin Light 1 2 Network Management software.</td>
<td></td>
</tr>
<tr>
<td><strong>Protocols</strong></td>
<td>IPv4 ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution,</td>
<td>IPv6 NDP, RA, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port 9100, IPP, FTP Server, SNMPv1/v2c, HTTP Server, TFTP Client and Server, SMTP Client, ICMP, Web Services (Print)</td>
</tr>
<tr>
<td></td>
<td>DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/ Port 9100,</td>
<td></td>
</tr>
<tr>
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<td>IPP, FTP Server, SNMPv1/v2c, HTTP Server, TFTP Client and Server, SMTP Client,</td>
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<td>ICMP, Web Services (Print)</td>
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<td><strong>Security Protocols</strong></td>
<td>Wireless SMTP-AUTH</td>
<td>Wireless WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)</td>
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<tr>
<td><strong>Wireless Network Security</strong></td>
<td>AOSS™ Yes</td>
<td>WPS Yes</td>
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</table>

1 (For Windows® users) Brother BRAdmin Light is available from the CD-ROM provided with the machine.  
(For Macintosh users) Brother BRAdmin Light is available as a download from http://support.brother.com.

2 (For Windows® users) If you require more advanced printer management, use the latest Brother BRAdmin Professional utility version that is available as a download from http://support.brother.com.
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For Australia Only:

Support – For technical support of your Brother Product other than what you can resolve through the User’s Guide, please visit our website or Solutions website (see below) to find an answer to FAQs/Troubleshooting, locating Drivers & Software.
Alternatively, please contact the Product Support Centre for any customer care/technical support enquiry.

To contact Brother International (Aust) Pty Ltd for support on a Brother product please see the details listed below:

Product Support Centre: Australia
Brother International (Aust) Pty Ltd
Phone: 02 8875 6000
Fax: 02 9870 7223
Solutions Site: http://support.brother.com
Website: www.brother.com.au
Email: To submit an e-mail enquiry, visit www.brother.com.au go to Service and Support area and follow the prompts.

Our Technical Support Consultants are available 5 days a week by phone during the hours of 8.30am to 5.00pm (EST/EDST) Monday to Friday.

For New Zealand Only:

For technical support for your Brother Product please refer to this user guide and the FAQ’s available on our Brother Solutions website, http://support.brother.com.

Drivers, software, user guides and technical references are all available on our Brother Solutions website. If you require further assistance please contact Brother International (NZ) Limited on the following numbers

Initial setup and 14 day product support 0800 454 677
Technical Support for those using Genuine Brother Consumables 0800 329 111
Technical Support for those not using Genuine Consumables 0900 552 152
24 / 7 Automated Self Help 0800 652 152
Brother Recycle Assistance 0800 632 467
Fax Assistance 0800 837 822

Our Technical Support Consultants are available 7 days a week by phone during the hours of 8.30am to 5pm Monday to Friday and 9am to 5pm Saturday and Sunday.

Email Assistance
Please visit www.brother.co.nz and submit a helpdesk enquiry from our Service and Support page.

Web Assistance
Please visit www.brother.co.nz under Service and Support for Frequently Asked Questions, Driver downloads, Warranty information and Service Centres.