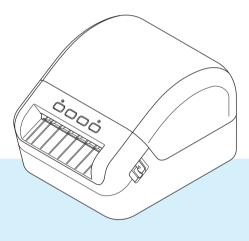


# **User's Guide**

# QL-1100



Read the *Product Safety Guide* first, then read the *Quick Setup Guide* for the correct setup procedure. After reading this guide, keep it in a safe place for quick reference.

Version 02 AP ENG

# Introduction

#### **Important Notice**

- The contents of this document and the specifications of this product are subject to change without notice.
- Brother reserves the right to make changes without notice in the specifications and materials contained herein and shall not be responsible for any damages (including consequential) caused by reliance on the materials presented, including but not limited to typographical and other errors relating to the publications.
- Screen images in this document may differ depending on your computer's operating system, your product model, and software version.
- Before using the label printer, make sure you read all the documents included with the printer for information about safety and operation.
- The printer shown in the illustrations may be different from your printer.
- The available supplies may vary depending on the country.

#### Available Manuals

Visit the Brother Solutions Center at <u>support.brother.com</u> and click Manuals on your model page to download the latest manuals.

| Product Safety Guide <sup>1</sup> | This guide provides safety information; read it before you use the printer.  |
|-----------------------------------|--|
| Quick Setup Guide <sup>1</sup>    | This guide provides basic information about using the printer along with troubleshooting tips.   |
| User's Guide <sup>2</sup>         | This guide provides additional information about the printer settings<br>and operations, troubleshooting tips, and maintenance instructions. |

<sup>1</sup> Printed manual in the box

<sup>2</sup> PDF manual on the Brother Solutions Center website

## Symbols Used in This Guide

The following symbols are used throughout this guide:

|           | Indicates a potentially hazardous situation which, if the product is handled without following the warnings and instructions, could result in death or serious injuries. |
|-----------|--|
|           | Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injuries.   |
| IMPORTANT | Indicates information or directions that should be followed. Ignoring them may result in damage, or failed operations.   |
| Note Note | Indicates notes that provide information or directions that can help you better understand and use the product more efficiently.   |

# **General Precautions**

#### DK Roll (DK Label and DK Tape)

- Use only genuine Brother accessories and supplies (with D, marks). DO NOT use any unauthorised accessories or supplies.
- If the label is attached to a wet, dirty, or oily surface, it may peel off easily. Before applying the label, clean the surface to which the label will be applied.
- DK Rolls use thermal paper or film that can fade in colour or peel off surfaces if exposed to ultraviolet light, wind, or rain.
- DO NOT expose the DK Rolls to direct sunlight, high temperatures, high humidity, or dust. Store in a cool, dark place. Use the DK Rolls soon after opening the package.
- Scratching the printed surface of the label with your finger nails or metal objects, or touching the printed surface with damp or wet hands can cause the colour to change or fade.
- DO NOT apply labels to any persons, animals, or plants. In addition, never apply labels to public or private property without permission.
- As the end of the DK Roll is designed to not adhere to the label spool, the last label may not be cut correctly. If this happens, remove the remaining labels, insert a new DK Roll, and reprint the last label. Note: To account for this, the number of DK Labels included on each DK Roll may be more than indicated on the package.
- When a label is removed after being applied to a surface, a portion of the label may remain applied.
- Prior to using CD/DVD labels, be sure to follow the instructions in your CD/DVD player's instruction guide regarding applying CD/DVD labels.
- DO NOT use CD/DVD labels in a slot loading CD/DVD player.
- DO NOT peel off the CD/DVD label once it is applied to the CD/DVD, a thin surface layer may come off, resulting in damage to the disc.
- DO NOT apply CD/DVD labels to CDs/DVDs designed for use with inkjet printers. Labels peel off these discs easily and using discs with peeling labels can result in loss or damage of data.
- When applying CD/DVD labels, use the applicator included with the CD/DVD label rolls. Failure to do so could cause damage to the CD/DVD player.
- Users shall take full responsibility for applying CD/DVD labels. Brother accepts no responsibility for any loss or damage of data caused by the inappropriate use of CD/DVD labels.
- Be careful not to drop the DK Roll.
- DK Rolls use thermal paper and thermal film. Both the label and print will fade with sunlight and heat. DO NOT use DK Rolls for any outdoor use that requires durability.
- Depending on the area, material, and environmental conditions, the label may unpeel or become irremovable, or the colour of the label may change or be transferred to other objects. Before applying the label, check the environmental conditions and the material. Test the label by affixing a small piece of it to an inconspicuous area of the intended surface.
- If print results are not as expected, use the adjustment options in the printer driver or the Printer Setting Tool.

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# **Section I**

# **Basic Operations**

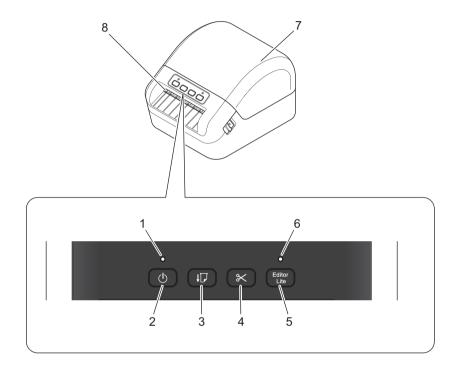
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# Set Up the Label Printer

# **Parts Description**

Front

1

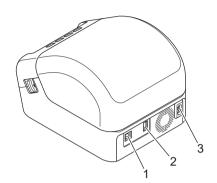


- 1 Status LED
- 2 Power Button
- 3 Feed Button
- 4 Cutter Button
- 5 Editor Lite Button

- 6 Editor Lite LED
- 7 DK Roll Compartment Cover
- 8 Label Output Slot

Set Up the Label Printer

#### Rear

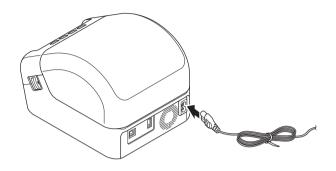


- 1 USB Port
- 2 USB Host Port
- 3 AC Power Port

-

# **Connect the Power Cord**

Connect the AC Power Cord to the printer. Then, plug the AC Power Cord into an earthed electrical socket.



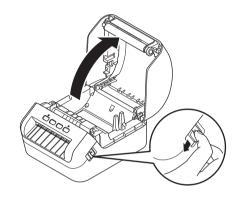
#### IMPORTANT

Do not use your printer in areas where the power source voltage is different from the printer's specified voltage. For more information, see *Product Specifications* on page 113.

# Load the DK Roll

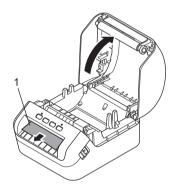
1 Make sure that the printer is turned Off.

2 Pull the release levers on both sides of the printer to unlock the DK Roll Compartment Cover. Hold the printer by the front, and firmly lift the DK Roll Compartment Cover to open it.



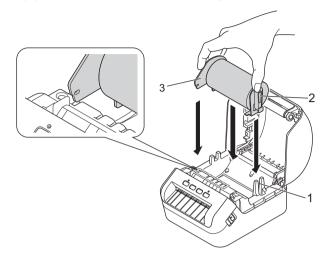
#### IMPORTANT

Before using the printer, remove the protective sheet (1) from the Label Output Slot.



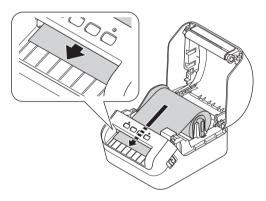
3 Place the DK Roll into the Roll Spool Guide (1).

- Make sure that the Roll Spool Arm (2) is inserted firmly in the Roll Spool Guide.
- Make sure the Stabiliser (3) slides into the notch of the printer.



4 Thread the DK Roll through the printer.

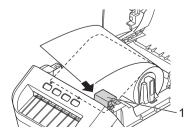
- Align the edge of the DK Roll with the upright edge of the Label Output Slot.
- Check that the DK Roll is threaded straight so that the labels will not be skewed.



• Push the first label through the Label Output Slot until the end comes out of the Slot as shown.

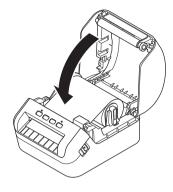
Note

If you have difficulty inserting the first label, try inserting from the side under the sensor (1).



Set Up the Label Printer

#### 5 Close the DK Roll Compartment Cover.



#### IMPORTANT

- Do not leave any printed labels in the printer. Doing so will cause the labels to jam.
- When not in use, remove any DK Rolls from inside the printer and close the DK Roll Compartment Cover to prevent dust and debris from accumulating in the printer.

# **Turn Power On/Off**

**On**: Press the Power (()) Button to turn the printer On. The Status LED turns green.

#### IMPORTANT

Press the Feed  $(\downarrow \square)$  Button to align the end of the DK Roll.

Off: Press and hold the Power (()) Button again to turn the printer Off.

#### IMPORTANT

When turning the printer Off, do not disconnect the AC Power Cord until the orange Status LED turns Off.

# **Print Using a Computer (P-touch Editor)**

# Install Printer Drivers and Software on a Computer

To print from your Windows computer or Mac, install the printer drivers, P-touch Editor, and other applications to your computer.

#### Software for Windows:

Printer Driver, P-touch Editor, P-touch Update Software, and Printer Setting Tool

#### Software for Mac:

Printer Driver, P-touch Editor, P-touch Update Software, and Printer Setting Tool

#### IMPORTANT

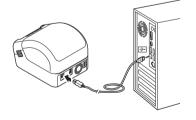
When printing with P-touch Editor, press and hold the P-touch Editor Lite Button until the green Editor Lite LED turns off.

- Visit our website (<u>install.brother</u>) and download the Software Installer for the latest software and manuals.
- 2 Double-click the downloaded EXE file (for Windows) or DMG file (for Mac), and follow the on-screen instructions to proceed with the installation.
- 3 Close the dialog box when the installation is complete.

# **Connect the Label Printer to a Computer**

You can connect the printer to a Windows computer or Mac via a USB cable.

- 1 Make sure the printer is turned Off before connecting the USB cable.
- 2 Connect the USB cable to the USB Port on the back of the printer, and then to your computer.



Turn the printer On.

# **Print from a Computer**

### **Available Applications**

To use the printer effectively, a number of applications and functions are available.

You must install the printer driver to use these applications.

Visit our website (install.brother) and download the installer for the applications and printer driver.

| Application              | Windows | Мас | Features  |
|--------------------------|---------|-----|---|
| P-touch Editor           | v       | ~   | Designs and prints custom labels with built-in drawing tools,<br>text using different fonts and styles, imported graphic<br>images, and barcodes. |
| P-touch Transfer Manager | ~       |     | Allows you to transfer templates and other data to the printer<br>and save backups of your data on the computer.                                  |
|                          |         |     | This application is installed with P-touch Editor.  |
|                          |         |     | Manages and prints P-touch Editor templates.  |
| P-touch Library          | ✓       |     | You can use P-touch Library to print templates.   |
|                          |         |     | This application is installed with P-touch Editor.  |
| P-touch Update Software  | ~       | ~   | Updates software to the latest version.   |
| Printer Setting Tool     | ~       | ~   | Specifies the printer's settings from a computer.   |

| Function             | Windows | Мас | Features  |
|----------------------|---------|-----|---|
| Crop Print           | ٢       |     | This printer can print one or multiple barcodes from an A4/Letter sized .pdf file. It will automatically identify and individually crop and print barcodes. |
|                      |         |     | When printing a large number of labels, printing can be distributed among multiple printers.  |
| Distributed Printing | ~       |     | Because printing is performed at the same time, the total printing time can be reduced.   |
|                      |         |     | For more information, see <i>Distributed Printing (Windows only)</i> on page 56.  |

#### **Create Labels from Your Computer**

There are various methods for printing with this printer.

The following describes the procedure for printing from a computer using P-touch Editor.

- Start P-touch Editor, and then open the document you want to print.
- 2 Create a label design.
- 3 Check the cutting options.
- 4 Select File > Print or by clicking the Print icon.

#### **Cutting Options**

The cutting options allow you to specify how the item is fed and cut when it is printed. Use the printer driver to select the cutting option when printing from the computer.

#### Label Cut Option Table

| Auto Cut | Cut at End | Image   |
|----------|------------|---------|
| No       | Yes        | ABC ABC |
| No       | No         | ABC ABC |
| Yes      | Yes or No  | ABC     |

Print Using a Computer (P-touch Editor)

#### **Attach Labels**

1 Peel the backing from the label.

2 Position the label, and then press firmly from top to bottom with your finger to attach the label.

### Note

Labels may be difficult to attach to surfaces that are wet, dirty, or uneven. The labels may peel off easily from these surfaces.

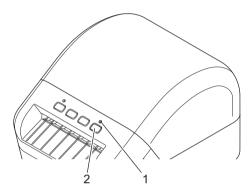
# Print Using P-touch Editor Lite (Windows only)

# **P-touch Editor Lite**

P-touch Editor Lite is a label creation software application for computers. With P-touch Editor Lite, there is no need to install the application or printer drivers. Simply connect a USB cable to the label printer.

This application allows you to create and print simple labels with text, frames, and images.

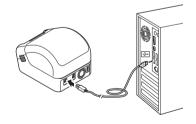
 Turn the printer On, then press and hold the P-touch Editor Lite Button until the green P-touch Editor Lite LED turns on.



- 1 Editor Lite LED
- 2 Editor Lite Button
- 🖉 Note

P-touch Editor Lite is set to Off as the default mode.

2 Connect the USB cable to your computer.



#### 🖉 Note

If you are connecting the printer via a USB cable, it may not be detected correctly. If this happens, unplug the USB cable, make sure the printer is On, and then reconnect the USB cable.

3 After the USB cable is connected, a dialog box appears on your computer monitor. (The following screens may differ depending on your operating system, but the operating procedures are the same.)



Click Open folder to view files.

| Organize 👻 🗖 Open   |                    |                   |                  |        | 8= - |  |
|---|--------------------|-------------------|------------------|--------|------|--|
| 🔆 Favorites   | Name               | Date modified     | Туре             | Size   |      |  |
| 🥅 Desktop   | PtLite10.exe       | 7/26/2017 4:33 PM | Application      | 766 KB |      |  |
| 🐞 Downloads<br>🔄 Recent Places  | Start Here Mac.rtf | 6/2/2017 9:18 AM  | Rich Text Docume | 65 KB  |      |  |
| <ul> <li>➢ Libraries</li> <li>➢ Documents</li> <li>J Music</li> <li>➢ Pictures</li> <li>➢ Videos</li> </ul> |                    |                   |                  |        |      |  |
| 🖳 Computer  |                    |                   |                  |        |      |  |
| 두 Network   |                    |                   |                  |        |      |  |

Double-click PtLite10.

### 🖉 Note

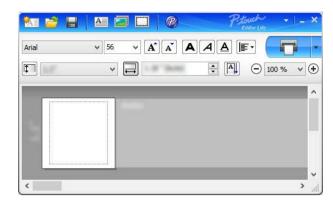
- If you do not see the dialog box, it may be hidden behind an open software program window. Minimise all windows to view the dialog box.
- It will take longer than usual to start P-touch Editor Lite when connecting the printer to your computer for the first time. If the software does not start automatically when you connect the printer, launch it from My Computer. Start P-touch Editor Lite by double-clicking PTLITE10.EXE.

3

Print Using P-touch Editor Lite (Windows only)



4 P-touch Editor Lite launches.



#### IMPORTANT

Do not turn Off or disconnect the printer while using P-touch Editor Lite.



P-touch Editor Lite is not available for Mac.

4

# **Print Using a Mobile Device**

# Install Applications for Use with Mobile Devices

You can use your label printer as a stand-alone printer or connect it to a mobile device. To create and print labels directly from your mobile device, install the Brother mobile applications, and then connect your printer to your mobile device via a USB On-the-Go cable <sup>1</sup>.

<sup>1</sup> Sold separately

#### **Available Applications**

Download these free Brother apps from Google Play:

| Application             | Features   |
|-------------------------|--|
| Brother iPrint&Label    | This application allows you to create and print labels from templates, using a mobile device.  |
| Mobile Transfer Express | This application allows you to use a mobile device to download databases<br>and label data, created on a computer using P-touch Editor and saved to a<br>cloud service, and send them to your printer. |

# Print Labels from a Mobile Device

Start the mobile printing application on your mobile device.

#### 🖉 Note

Make sure that the printer is connected to your mobile device via a USB On-the-Go cable.

2 Select a label template or design.

#### 'Note

You can also select a previously designed label or image and print it.

3 Tap **Print** in the application menu.

#### Cutting Options

See Cutting Options on page 11.

#### Use a Mobile Device to Print Templates Created on a Computer

You can use P-touch Transfer Manager to save template data, which was created using P-touch Editor, in .pdz format. Then, you can use Mobile Transfer Express to send the saved file from your mobile device to the printer and print the file.



Save the template data in .pdz format using P-touch Transfer Manager. For more information, see Create Transfer Package Files on page 80.

Use one of the following methods to use a .pdz file with your mobile device.

- Save the file using a cloud storage service, and then use the sharing function of the mobile device's operating system to share the file.
- Send the file as an email attachment from the computer to the mobile device, and then save the file to the mobile device.
- Connect the printer to your mobile device, and then start Mobile Transfer Express. The template data appears.
- Select the template that you want to print, and then transfer the template to the printer.

#### Note

To download a file from a cloud storage service to your mobile device, you must connect your mobile device using Infrastructure Mode.

Use the barcode scanner to select the template that you want to print from the transferred file and print it.

Print Using a Mobile Device

#### **Attach Labels**

1 Peel the backing from the label.

2 Position the label, and then press firmly from top to bottom with your finger to attach the label.

### Note

Labels may be difficult to attach to surfaces that are wet, dirty, or uneven. The labels may peel off easily from these surfaces.

5

# **Change the Label Printer Settings**

# **Printer Setting Tool for Windows**

Use the Printer Setting Tool to specify the printer's device settings and P-touch Template settings from a Windows computer.

### **Note**

The Printer Setting Tool is installed automatically when you use the initial installer to install the printer driver. For more information, see *Install Printer Drivers and Software on a Computer* on page 9.

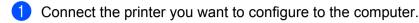
#### IMPORTANT

The Printer Setting Tool is available only with compatible Brother printers.

#### **Before Using the Printer Setting Tool**

- Make sure the AC Power Cord is connected to the printer and to an electrical socket.
- Make sure the printer driver has been installed correctly and you can print.
- Connect your printer to a computer with a USB cable.

# **Use the Printer Setting Tool for Windows**



- Start the Printer Setting Tool.
  - For Windows 7:

Click Start > All Programs > Brother > Labels & Mobile Printer > Printer Setting Tool.

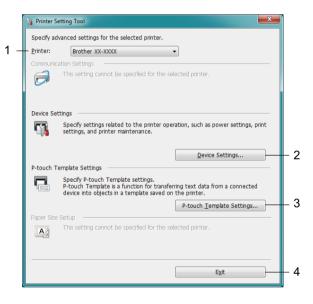
For Windows 8 / Windows 8.1:

On the Apps screen, click the Printer Setting Tool.

For Windows 10:

Click Start > Brother > Printer Setting Tool.

The main window appears.



#### 1 Printer

Lists the connected printers.

#### 2 Device Settings

Specifies device settings. For example, power settings.

#### 3 P-touch Template Settings

Specifies P-touch Template settings.

For more information on P-touch Template, download the *P-touch Template Manual/Command Reference* (English only) from the Brother Solutions Center at <u>support.brother.com/manuals</u>.

#### 4 Exit

Closes the window.

- 3 Check that the printer you want to configure appears next to **Printer**. If a different printer appears, select the printer you want from the drop-down list.
- Select the settings you want to change, and then specify or change the settings in the dialog box. For more information on the settings dialog boxes, see *Device Settings for Windows* on page 22 or *P-touch Template Settings for Windows* on page 27.
- 5 Click **Apply** to apply the settings to the printer.
- 6 Click Exit in the main window to finish specifying settings.

#### IMPORTANT

Use the Printer Setting Tool to configure the printer *only* when the printer is idle. The printer may malfunction if you try to configure it while it is processing or printing a print job.

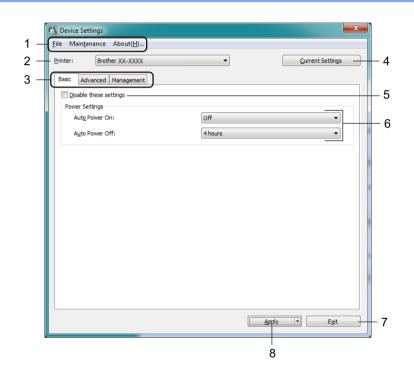
# **Device Settings for Windows**

Use **Device Settings** in the Printer Setting Tool to specify or change settings when connecting the printer and computer with a USB cable. Not only can you change the device settings for one printer, but you can also apply the same settings to multiple printers.

When printing from a computer application, various printing settings can be specified from the printer driver; however, by using **Device Settings** in the Printer Setting Tool, more advanced settings can be specified.

When you open **Device Settings**, the printer's current settings are retrieved and displayed. If the current settings cannot be retrieved, the previous settings are displayed. If the current settings cannot be retrieved and previous settings were not specified, the machine's factory settings appear.

#### **Settings Dialog Box**



#### 1 Menu Bar

Commands are categorised under each menu (File, Maintenance, and About) by function.

#### 2 Printer

Specifies the printer you want to configure.

Change the Label Printer Settings

#### 3 Settings Tabs

Contains settings that may be specified or changed.

#### 🖉 Note

If **b** appears on a tab, the settings in that tab cannot be changed. In addition, the settings in the tab will not be applied to the printer even if you click **Apply**. The settings in the tab will not be saved or exported when you use the **Save in Command File** or **Export** commands.

#### 4 Current Settings

Retrieves the settings from the currently-connected printer and displays them in the dialog box. Settings will also be retrieved for parameters on tabs with **16**.

#### 5 Disable these settings

When this check box is selected, to appears on the tab, and the settings can no longer be specified or changed.

Settings in a tab where **h** appears will not be applied to the printer even if **Apply** is clicked. In addition, the settings in the tab will not be saved or exported when you use the **Save in Command File** or **Export** commands.

#### 6 Parameters

Displays the current settings.

7 Exit

Exits **Device Settings** and returns to the main window of the Printer Setting Tool.

#### 8 Apply

Applies the settings to the printer.

To save the specified settings in a command file, select Save in Command File from the drop-down list.

#### Menu Bar

File Menu Options

Apply Settings to the Printer

Applies the settings to the printer.

Check Setting

Displays the current settings.

Save Settings in Command File

Saves the specified settings in a command file.

• Import

Imports an exported file.

• Export

Saves the current settings in a file.

#### Maintenance Menu Options

Print Unit Settings...

Prints a report containing the current firmware version and device setting information.

You can also print this report using the Cutter (%) Button. For more information, see *Confirm Label Printer Settings* on page 50.

#### 🖉 Note

When you print this report, we recommend using a 62 mm or wider DK Roll.

Factory Reset

Resets all the settings to the factory settings, including device settings, and transferred data.

Reset only Device Settings

Resets the device settings in the Basic, Advanced, and Management tabs to the factory settings.

• Delete Template and Database

Deletes the templates and databases stored in the printer.

Option Settings

If the **Do not display an error message if the current settings cannot be retrieved at startup** check box is selected, a message is not displayed the next time.

#### **Basic Tab**

#### Auto Power On

Specifies whether the printer turns on automatically when the AC Power Cord is plugged into an electrical socket.

Auto Power Off

Specifies the period of time that passes before the printer turns off automatically when connected to an electrical socket.

#### Advanced Tab

#### Print Data after Printing

Specifies whether or not print data is erased after printing.

• Printer Information Report

Selects the information you want to include in the Printer Information Report.

Auto Cut

Sets the cutting method when printing multiple labels.

Serialize Mode

Specifies how you want to serialise (number) your printed labels.

#### **Management Tab**

#### IMPORTANT

To display this tab, you must have administrator privileges for the computer or the printer. Check if you have administrator privileges for the printer by clicking **Printer properties**, and then clicking the **Security** tab.

#### Command Mode

Selects the command mode type.

Change the Label Printer Settings

### **Apply Setting Changes to Multiple Label Printers**

1 After applying the settings to the first printer, disconnect it from your computer, and then connect the second printer.

- 2 Select the newly connected printer from the **Printer** drop-down list.
- 3 Click **Apply**. The same settings that were applied to the first printer are applied to the second printer.
- 4 Repeat steps 1 3 for all printers whose settings you want to change.
- 🖉 Note
  - To save the current settings in a file, click File > Export.

The same settings can be applied to another printer by clicking **File** > **Import**, and then selecting the exported settings file. For more information, see *Device Settings for Windows* on page 22.

# **P-touch Template Settings for Windows**

P-touch Template mode allows you to insert data into text and barcode objects from a downloaded template using other devices connected to the printer.

Please note the available options and supplies may vary depending on your country.

To specify or change P-touch Template functions, go to the Printer Setting Tool and select **P-touch Template Settings**.



- P-touch Template mode is also compatible with other input devices like a scale, testing machine, controller, or a programmable logic device.
- For more information on P-touch Template Settings, download the *P-touch Template Manual/Command Reference* (English only) from the Brother Solutions Center at <u>support.brother.com/manuals</u>.

## P-touch Template Settings Dialog Box

|      | P-touch Template Settings - Brother QI   | L- 📉  |      |
|------|--|---|------|
|      | Set the Default Command Mode to [P-touch<br>Specify the settings necessary for the tran:<br>If a different Default Command Mode is sel<br>To indicate a control code in the text box, p<br>ex. TAB: \09, CR: \00, \; \\ as ibyte | sferred template.<br>ected, use [Device Settings].<br>put '\'mark before ASCII code [00 -FF]. |      |
| 1 -  | Default Command Mode:  | P-touch Template  |      |
| 2 -  | Default Template Number:   |   |      |
| 3 -  | <ul> <li>Data Delimiter for P-touch Template;</li> </ul>   | V09   |      |
|      |  | 10.5  |      |
| 4 -  | <ul> <li>Trigger for P-touch Template Printing</li> <li>Ommand Character:</li> </ul>   | ^FF   |      |
|      | Data Insertion into All the Objects  |   |      |
|      | Received Data Size:  | 10 A bytes  |      |
| 5 -  | Character Code Table:  | Windows 1252  |      |
| 6 -  | International Character Set:   | United States   |      |
| 7 -  | Command Prefix Character:  |   |      |
| •    |  |   |      |
| 8 -  | Non-Printed Character:   |   |      |
| 9 -  | Available Return Code:   | ^CR ▼   |      |
| 10 - | Replace FNC1   |   |      |
|      | Default Print Option   |   |      |
| 11 - | Number of Copies: 1  | Give priority to print quality  |      |
| 12 - | Auto cut: every 1 abels  | 🔽 Cut at End  |      |
|      |  |   |      |
|      |  | Default   | - 15 |
|      | Set v  | Cancel  |      |
|      | 13   | 14  |      |

#### 1 Default Command Mode

Specifies the P-touch Template mode as the default mode. To change the mode, see the *Management Tab* on page 25.

#### 2 Default Template Number

Specifies a default template number that the printer sets when it is turned on. If you do not want to transfer a template to the printer, do not specify a template number.

#### 3 Data Delimiter for P-touch Template

Displays a symbol used to indicate the boundaries between groups of data in a file (maximum of 20 characters).

#### 4 Trigger for P-touch Template Printing

Specifies a trigger to begin printing from a number of options.

Change the Label Printer Settings

- Command Character: Printing starts when the command character specified here is received.
- Data Insertion into All the Objects: Printing starts when the delimiter for the last object is received.
- **Received Data Size**: Printing starts when the number of characters specified here is received. However, delimiters are not counted in the number of characters.

#### 5 Character Code Table

Selects one of the character code sets.

#### 6 International Character Set

Lists character sets for specific countries.

The following codes vary depending on the selected country:

#### 23h 24h 40h 5Bh 5Ch 5Dh 5Eh 60h 7Bh 7Ch 7Dh 7Eh

To change the characters, download the *P-touch Template Manual/Command Reference* (English only) from your model's **Manuals** page on the Brother Solutions Center at <u>support.brother.com/manuals</u>.

#### 7 Command Prefix Character

Specifies the prefix character code that identifies commands used in P-touch Template mode.

#### 8 Non-Printed Character

Characters specified here are not printed when data is received (maximum of 20 characters).

#### 9 Available Return Code

The line feed code is used when feeding data to indicate that the following data should be moved to the next line in a text object. Select one of four line feed codes or type the line feed code you want (maximum of 20 characters).

#### 10 Replace FNC1

Replaces GS codes with FNC1.

#### **11 Number of Copies**

Sets the number of copies (maximum of 99 copies).

#### 12 Cut option

Specifies if the printer should cut the labels automatically and how many labels to print before cutting (maximum of 99 labels).

#### 13 Set

Applies the settings to the printer.

To save the specified settings to a command file to reuse in the future, select **Save in Command File** from the drop-down list.

#### 14 Cancel

Cancels the settings and closes the dialog box. The settings remain unchanged.

#### 15 Default

Returns all setting values in P-touch Template Settings dialog box to the default values.

## **Printer Setting Tool for Mac**

Using the Printer Setting Tool, you can specify the printer's communication settings and device settings from a Mac. Not only can you change the device settings for one printer, but you can also apply the same settings to multiple printers.



The Printer Setting Tool is automatically installed when you use the initial installer to install the printer driver. For more information, see *Install Printer Drivers and Software on a Computer* on page 9.

#### IMPORTANT

The Printer Setting Tool is available only with compatible Brother printers.

#### Before Using the Printer Setting Tool

- Make sure the AC Power Cord is connected to the printer and to an electrical socket.
- Make sure the printer driver has been installed correctly and you can print.
- Connect your printer to a computer with a USB cable.

## Use the Printer Setting Tool for Mac

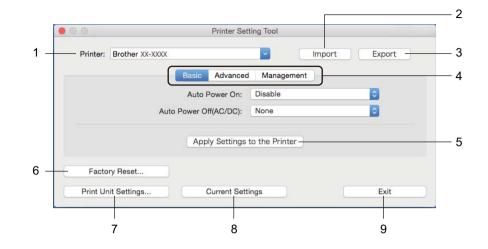
- Connect the printer you want to configure to the computer.
- Click Macintosh HD > Applications > Brother > Printer Setting Tool > Printer Setting Tool.app. The Printer Setting Tool window appears.
- Check that the printer you want to configure appears next to **Printer**. If a different printer appears, select the printer you want from the pop-up list.
- Select any of the Settings Tabs, and then specify or change the settings you want.
- 5 Click Apply Settings to the Printer to apply the settings to the printer.
- 6 Click Exit.

#### IMPORTANT

Use the Printer Setting Tool to configure the printer *only* when the printer is idle. The printer may malfunction if you try to configure it while it is processing or printing a print job.

5

## **Settings Dialog Box**



#### 1 Printer

Lists the connected printers.

#### 2 Import

Imports settings from a file.

#### 3 Export

Saves the current settings in a file.

#### 4 Settings Tabs

Contain settings that you can specify or change.

#### 5 Apply Settings to the Printer

Applies the settings to the printer.

#### 6 Factory Reset

Resets all the settings to the factory settings, including device settings, and transferred data.

#### 7 Print Unit Settings

Prints a report containing firmware version and device setting information.

You can also print this report using the Cutter (%) Button. For more information, see *Confirm Label Printer Settings* on page 50.



When you print this report, we recommend you use a 62 mm or wider DK Roll.

#### 8 Current Settings

Retrieves the settings from the currently connected printer and displays them in the dialog box.

#### 9 Exit

Exits the Printer Setting Tool.

## Basic Tab

Auto Power On

Specifies whether the printer turns on automatically when the AC Power Cord is plugged into an electrical socket.

Auto Power Off

Specifies the period of time that passes before the printer turns off automatically when connected to an electrical socket.

#### **Advanced Tab**

• Print Data after Printing

Specifies whether or not print data is erased after printing.

Printer Information Report

Selects the information you want to include in the Printer Information Report.

Cut Settings

Sets the cutting method when printing multiple labels.

Serialize Mode

Specifies how you want to serialise (number) your printed labels.

#### **Management Tab**

Command Mode

Selects the command mode type.

Change the Label Printer Settings

## **Apply Setting Changes to Multiple Label Printers**

1 After applying settings to the first printer, disconnect the printer from the computer, and then connect the second printer to the computer.

- 2 Select the newly connected printer from the **Printer** drop-down list.
- Click **Apply Settings to the Printer**. The same settings that were applied to the first printer are applied to the second printer.
- 4 Repeat steps **1 3** for all printers whose settings you want to change.
- Note

To save the current settings in a file, click **Export**.

The same settings can be applied to another printer by clicking **Import**, then selecting the exported settings file. For more information, see *Settings Dialog Box* on page 31.

## **Change Settings When Printing from a Mobile Device**

When using a mobile device, change any necessary settings using the application before printing. The settings that can be changed vary by application.

## Note

Before connecting a mobile device, you can specify detailed settings by connecting the printer to a computer and using the Printer Setting Tool. For more information, see *Change the Label Printer Settings* on page 19.

# 6

# **Print Labels Using P-touch Template**

## **P-touch Template Operations**

P-touch Template mode allows you to insert data into text and barcode objects from a downloaded template using other devices connected to the label printer.



#### **Basic Operations**

Standard Template Printing (see page 39)

Download frequently used templates or images and scan a barcode to select which one to print.

Advanced Template Printing (see page 41)

Download a template and scan a barcode to print a copy or to insert the scanned data into a different template.

■ Database Lookup Printing (see page 44)

Download a database linked to a template and scan a barcode to find a record to insert into the template and print it out.

#### Advanced Features

Numbered (Serialised Number) Printing (see page 47)

Automatically increment printed text or barcodes in any downloaded template.

#### Note

- P-touch Template mode is also compatible with other input devices like a scale, testing machine, controller, or a programmable logic device.
- See the *P-touch Template Manual/Command Reference* for more information. You can download the latest versions from the Brother Solutions Center at <u>support.brother.com/manuals</u>.

## **Preparation**

Before connecting the barcode scanner to the printer, specify the barcode scanner settings using the P-touch Template Settings (in the Printer Setting Tool).

#### Specify Settings in the P-touch Template Settings Tool

- 1 Connect the printer and the computer via a USB cable, and then turn the printer on.
- 2 Start the Printer Setting Tool.
  - For Windows 7: Click Start > All Programs > Brother > Label & Mobile Printer > Printer Setting Tool.
  - For Windows 8 / Windows 8.1: On the Apps screen, click the Printer Setting Tool.
  - For Windows 10: Click Start > Brother > Printer Setting Tool.
- 3 Click P-touch Template Settings.

4 Select the appropriate settings, and then click **Set**.

| ex. TAB: \09, CR: \0D, \: \\ as 1byte e |                                |   |
|---|--------------------------------|---|
| Default Command Mode:                   | P-touch Template               |   |
| Default Template Number:                |                                |   |
| Data Delimiter for P-touch Template:    | /09                            |   |
| Trigger for P-touch Template Printing   |                                |   |
| Command Character:                      | ^ff                            | ( |
| Data Insertion into All the Objects     |                                | ( |
| Received Data Size:                     | 10 bytes                       |   |
| Character Code Table:                   | Windows 1252                   |   |
| International Character Set:            | Britain                        |   |
| Command Prefix Character:               | ^                              |   |
| Non-Printed Character:                  |                                |   |
| Available Return Code:                  | ^CR •                          |   |
| Replace FNC1                            |                                |   |
| Default Print Option                    |                                |   |
| Number of Copies: 1                     | Give priority to print quality |   |
| Auto cut: every 1 Alabels               | 🔽 Cut at End                   |   |
|   |                                |   |

## Mote

- By default, printing begins when the code "^FF" is scanned from a barcode using a barcode scanner. (This can be changed with the settings highlighted by (A) in the previous image.)
   If **Received Data Size** is selected with the number of bytes setting, the template will automatically print after the specified number of bytes have been scanned.
- Because the print mode setting returns to raster mode each time you print from the computer, you must change the setting to template mode again.
- If you turn the printer off and then turn it on again, the printer starts up in template mode.

## **Connect a Barcode Scanner**

We recommend using a reliable high-quality barcode scanner and checking the barcode scanner specifications before selecting a model.

Barcode Scanner connection methods:

Use the USB Host interface.

Recommended Barcode Scanner selection criteria:

When using the USB host interface: HID-class models that can be identified as a keyboard

| Note |
|------|
|------|

- For P-touch Template mode, templates must first be downloaded from a computer to the printer using P-touch Transfer Manager. For more information, see *How to Use P-touch Transfer Manager and P-touch Library (Windows only)* on page 70.
- The barcode scanner should be programmed to use the English keyboard. For beginners, the barcode scanner should be programmed to scan data with no prefix or suffix characters. For advanced users, the prefix and suffix characters can be scanned and used as commands with the printer for creating customised templates.
- Contact the manufacturer for more information on how to use and program a specific barcode scanner model.

## **Standard Template Printing**

Download frequently-used templates or images and simply scan a barcode to select which one to print.

Example:

## DANGER

🖉 Note

- For more information on the barcodes that can be scanned using various settings, see *List of Barcodes for the P-touch Template Function* on page 116.
- · Grouped objects will be converted and sent as an image.
  - Using P-touch Transfer Manager, transfer (from P-touch Editor) a template (label layout) to the printer. For more information, see *How to Use P-touch Transfer Manager and P-touch Library (Windows only)* on page 70.

🖉 Note

A text object in the label layout can be converted to an image. After being converted to an image, the text cannot be changed. This is useful for protecting frequently-used templates from accidental edits.

In the P-touch Editor Layout window, right-click the text object, and then click **Properties**. Click the **Expanded** tab, and then select the **Text Cannot Be Edited** check box.

If the **Expanded** tab does not appear, click **Tools** > **Options** > **General**. In the **Others** section, select the **Display Expanded Tabs of Object Properties** check box.

When the check box is cleared, the object is converted back to text that can be edited.

2 When you transfer data to Configurations in P-touch Transfer Manager, select the folder containing the data you want to transfer.

## 🖉 Note

- When a template is transferred to Configurations in P-touch Transfer Manager, the Key Assign number is automatically assigned.
  - For basic operations, you can specify a Key Assign number between 1 and 10.
  - For advanced operations, you can specify a Key Assign number between 1 and 99 for any downloaded templates into the printer but you will need to scan different barcodes in step () to select and print it. For more information, download *the P-touch Template Manual/Command Reference* (English only) from the Brother Solutions Center at support.brother.com/manuals.
- You can add a custom folder under **Configurations**, and drag-and-drop a transferred template into that custom folder to manage different sets of templates.
- 3 Select the transferred template and then click **Transfer** to download the template to the **Key Assign** number in the printer.
- 4 Scan the *P*-touch template command (Initialise + begin specifying settings) barcode. See List of Barcodes for the *P*-touch Template Function on page 116.

5 From the list of barcodes under *Basic settings*, scan each barcode to send a command or setting to the printer.

## **Note**

- Settings can be made with multiple commands.
- If no settings have been made by scanning the barcode commands, a template will be printed using the P-touch Template settings. The default P-touch Template settings are to print a single copy with Auto Cut turned On.

For more information on P-touch Template Settings, download *P-touch Template Manual/Command Reference* (English only) from the Brother Solutions Center at <u>support.brother.com/manuals</u>.

• To specify the number of copies you want, scan the *Number of copies* barcode, and then scan the barcodes under *For entering numbers* to specify a three-digit number.

Example:

Specify numbers by scanning the following barcodes: 7→[0][0][7], 15→[0][1][5]

- To change the setting for the number of copies, scan the *Number of copies* barcode again, and then scan the barcodes for the new three-digit number.
- 6 Scan the barcode under *Preset template number* with the same number as the **Key Assign** number for the label layout you want.

The specified label is printed.

## **Advanced Template Printing**

Download a template and scan a barcode to print a copy or insert the scanned data into a different template.

#### 🖉 Note

- For more information on the barcodes that can be scanned using various settings, see *List of Barcodes* for the *P*-touch Template Function on page 116.
- If a barcode has a different protocol than the barcode template already registered with the printer, you may be unable to create or print the barcode.
- Depending on the barcode scanner model, some barcode standards and protocols may not be supported by this printer.
- Using P-touch Transfer Manager, transfer (from P-touch Editor) a template (label layout) to the printer. For more information, see *How to Use P-touch Transfer Manager and P-touch Library (Windows only)* on page 70.



CODE128/9-digit

#### IMPORTANT

It is important to design templates to meet the barcode standard or protocol requirements. The label size and barcode position must be correct for the number and type of characters sent from the barcode scanner. A barcode in the template cannot be created or scanned if the barcode with the inserted data does not fit entirely within the label's printable image area.

2) When you transfer data to **Configurations** in P-touch Transfer Manager, select the folder containing the data you want to transfer.

#### 🖉 Note

- When a template is transferred to **Configurations** in P-touch Transfer Manager, the **Key Assign** number is automatically assigned.
  - You can specify a **Key Assign** number between 1 and 10 for any downloaded templates into the printer.
- You can add a custom folder under **Configurations**, and drag-and-drop a transferred template into that custom folder to manage different sets of templates.
- 3 Select the transferred template and then click **Transfer** to download the template to the **Key Assign** number in the printer.

4 Scan the *P-touch template command (Initialise + begin specifying settings)* barcode. For more information, see List of Barcodes for the P-touch Template Function on page 116.

5 From the list of barcodes under *Basic settings*, scan each barcode to send a command or setting to the printer.

#### Note

- Settings can be made with multiple commands.
- If no settings have been made by scanning the barcode commands, a template will be printed using the P-touch Template settings. The default P-touch Template settings are to print a single copy with Auto Cut turned **On**.

For more information on P-touch Template Setting Tool, download P-touch Template Manual/Command *Reference* (English only) from the Brother Solutions Center at support.brother.com/manuals.

• To specify the number of copies you want, scan the Number of copies barcode, and then scan the barcodes under For entering numbers to specify a three-digit number. The setting is automatically applied when three digits have been specified.

Example:

Specify numbers by scanning the following barcodes:  $7 \rightarrow [0][0][7], 15 \rightarrow [0][1][5]$ 

• To change the setting for the number of copies, scan the Number of copies barcode again, and then scan the barcodes for the new three-digit number.

6 Scan the Select template barcode and then scan the barcodes under For entering numbers with the same number (three digits) as the **Key Assign** number used for the downloaded template to be printed. The downloaded template will be automatically selected after the three digit numbers have been scanned

Example:

Specify the three digit numbers by scanning the following barcodes:  $7 \rightarrow [0][0][7], 15 \rightarrow [0][1][5]$ 

#### Note

You can use P-touch Editor to create and print a label with a single barcode for step 6.

Example:





Print Labels Using P-touch Template

Scan a barcode that contains the data you want inserted into the barcode object in the selected downloaded template from step 6.

Example:



#### (CODE128/9-digit)

- 8 Scan the *Begin printing* barcode to send the command to start printing.
- 9 The barcode in the printed template will contain the data from the barcode scanned in step 1.

Example:



## **Database Lookup Printing**

You can download a database linked to a template, scan a barcode as a keyword to find a record containing that keyword, and then insert that record into the template to print.

#### 🖉 Note

- The printer has reserved the leftmost column (A) of a downloaded linked database for this operation, therefore the keyword scanned from a barcode must be in this column of the database.
- For the printer to find keywords successfully, the data in the leftmost column (A) must exactly match the keywords scanned from a barcode.
- P-touch Editor and the printer can read only one line of data in each field of a linked database so we do not recommend using databases with two or more lines of data in the leftmost column (A).
- For more information on the barcodes that can be scanned using various settings, see *List of Barcodes* for the *P*-touch Template Function on page 116.
- Use P-touch Editor to create a template and connect to a database file. You can link as many columns to a text and barcode objects in the template as needed.

🖉 Note

Make sure the keywords are included in the leftmost column (A) but do not link any text or barcode object in the template with field (A) if you do not need that data on the printed label.



For more information on specifying the settings, refer to the P-touch Editor Help.

2 Using P-touch Transfer Manager, transfer (from P-touch Editor) a template (label layout) to the printer. For more information, see *How to Use P-touch Transfer Manager and P-touch Library (Windows only)* on page 70.

The linked database file will also be transferred.

3 When a template is transferred to **Configurations** in P-touch Transfer Manager, the **Key Assign** number is automatically assigned.

#### 🖉 Note

You can add a custom folder under **Configurations**, and drag-and-drop a transferred template into that custom folder to manage different sets of templates.

- 4 Select the transferred template and then click **Transfer** to download the template to the **Key Assign** number in the printer.
- 5 Scan the P-touch template command barcode. For more information, see List of Barcodes for the P-touch Template Function on page 116.
- 6 From the list of barcodes under *Basic settings*, scan each barcode to send a command or setting to the printer.

## 🖉 Note

- Settings can be made with multiple commands.
- If you do not scan the barcode commands, a template is printed using the P-touch Template settings. The default P-touch Template settings are to print a single copy with Auto Cut turned On.

For more information on P-touch Template Setting Tool, download *P-touch Template Manual/Command Reference* (English only) from the Brother Solutions Center at <u>support.brother.com/manuals</u>.

• To specify the number of copies you want to print, scan the *Number of copies* barcode, and then scan the barcodes under *For entering numbers* to specify a three-digit number. The setting is automatically applied when three digits have been specified.

Example:

Specify numbers by scanning the following barcodes: 7→[0][0][7], 15→[0][1][5]

- To change the setting for the number of copies, scan the Number of copies barcode again, and then scan the barcodes for the new three-digit number.
- Scan the Select template barcode and then scan the barcodes under For entering numbers with the same number (three digits) as the Key Assign number used for the downloaded template to be printed. The downloaded template is automatically selected after the three digit numbers have been scanned.

#### Example:

Specify the three digit numbers by scanning the following barcodes: 7→[0][0][7], 15→[0][1][5]

#### 🖉 Note

You can use P-touch Editor to create and print a label with a single barcode for step **6**. Example:



8 Scan a barcode that contains the keyword to look up in the downloaded database from step 4. Example:



- 9 Scan the *Delimiter* barcode to send the command to start searching the downloaded database for the scanned keyword.
- **10** Scan the *Begin printing* barcode to send the command to start printing.
- 🖉 Note

You can use P-touch Editor to create and print a label with a single barcode for steps (9) and (10). Example:



1 The printer will print the template with the data inserted from the database record, found with the scanned keyword.



## **Numbered (Serialised Number) Printing**

You can automatically increase text numbers or barcodes up to 999 when printing downloaded templates. Select text and/or barcode objects to increment while printing.

#### **Text Numbering (Serialising)**

Use P-touch Editor to create or open a template and select a text object that you want to automatically increment while printing. Example:



2 Highlight or drag the cursor over a group of numbers and letters within the text object that you want to increment (maximum of 15). The selected group is called the Numbering field.

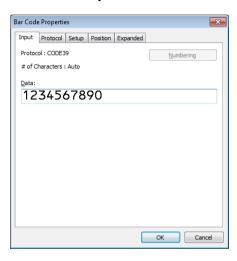


3 Right-click the Numbering field, and select Numbering.

#### **Barcode Numbering (Serialising)**

 Use P-touch Editor to create or open a template and select a barcode object that you want to automatically increment while printing.

2 Right-click the barcode object, and select **Properties**. The Bar Code Properties window appears.



Highlight or drag the cursor over a group of numbers and letters within the barcode object that you want to increment (maximum of 15). The selected group is called the Numbering field.

| Bar Code | e Propertie | is    |          |          |           | ×     |
|----------|-------------|-------|----------|----------|-----------|-------|
| Input    | Protocol    | Setup | Position | Expanded |           |       |
| Protoc   | ol : CODE3  | 9     |          |          | Numbering |       |
| # of Cl  | haracters : | Auto  |          |          |           |       |
| Data:    |             |       |          |          |           |       |
| 12       | 3450        | 678   | 90       |          |           |       |
|          |             |       |          |          |           |       |
|          |             |       |          |          |           |       |
|          |             |       |          |          |           |       |
|          |             |       |          |          |           |       |
|          |             |       |          |          |           |       |
|          |             |       |          |          |           |       |
|          |             |       |          |          |           |       |
|          |             |       |          |          |           |       |
|          |             |       |          |          |           |       |
|          |             |       |          | l        | ОК Са     | incel |

🖉 Note

The **Numbering** button is enabled after a group of numbers and letters are highlighted.



#### Print with Numbering (Serialising) Advanced Operation

- Using P-touch Transfer Manager, transfer (from P-touch Editor) a template (label layout) to the printer. For more information, see *How to Use P-touch Transfer Manager and P-touch Library (Windows only)* on page 70.
- 2 Set the printer to print with Numbering (Serialising) advanced operation. See *List of Barcodes for the P-touch Template Function* on page 116.
  - Scan the serialised barcode and then scan the barcodes under For entering numbers with the number of copies you want to print (three digits).

Example:

For five copies, specify the three digit numbers by scanning barcodes for [0][0][5]

🖉 Note

- Follow the P-touch Template mode basic operation procedures to start printing. For further information, see *Standard Template Printing* on page 39 to *Database Lookup Printing* on page 44.
- The Numbering field will increment by one number or letter with each label that is printed, and the count is permanently saved in the printer.
- To reset a text or barcode object back to the original value, scan the *Initialise template data* barcode.

# **Other Functions**

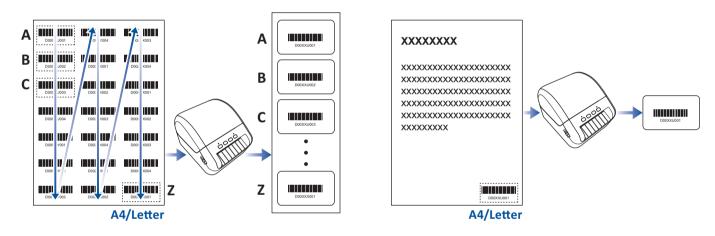
## **Confirm Label Printer Settings**

You can print the settings report without connecting the printer to a computer or mobile device.

- 1 Turn the printer On.
- 2 Load 62 mm or wider DK Roll into the printer. Press and hold the Cutter (⅔) Button for two seconds. The report starts printing.

## Crop Print (Print Barcode Labels) (Windows only)

You can print one or multiple barcodes from an A4 or Letter size PDF file. The Crop Print feature automatically identifies and then individually crops and prints the barcodes you specify.



#### 🖉 Note

- The Crop Print function is available only when printing from the Windows printer driver, and cannot be executed using P-touch Editor.
- The accuracy of the Crop Print feature depends on the user's environment, printing material, and label content.

Clear, black-and-white barcodes are recommended.

Some labels may not print correctly or may differ from the original data if the conditions are not optimal. For more information, visit the Brother support website at support.brother.com.

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## **Barcodes Compatible with Crop Print**

- Code 39/Code 3 of 9
- ITF/ITF-14/Interleaved 2 of 5
- GS1-128 (UCC/EAN-128)
- Codabar (Code 2 of 7, NW-7)
- CODE 93
- CODE 128
- UPC-A
- UPC-E
- JAN-8/EAN-8
- JAN-13/EAN-13
- QR code <sup>1</sup>
- Datamatrix/GS1 Datamatrix <sup>1</sup>
- PDF417<sup>1</sup>
- MaxiCode <sup>1</sup>
  - <sup>1</sup> Available for shipping labels

#### **Barcode Specification**

| Property                | Specification                              |
|-------------------------|--|
| Vertical width          | 5mm (minimum)                              |
| Horizontal width        | The narrowest bar: 0.5mm (minimum)         |
| Margin                  | 10 times the narrowest bar width (minimum) |
| Colour                  | Black                                      |
| Background colour       | White                                      |
| Cell width (widest bar) | 0.5mm (minimum)                            |

## Create a Barcode Document to Use with Crop Print

To use the Crop Print function, create a barcode document and save it as a PDF file.

Make sure the final barcode PDF meets the following requirements:

#### **Barcode Conditions**

| Item                 | Condition   |
|----------------------|---|
| Total barcode amount | Between 1-99 barcodes.  |
| Barcode type         | Use only barcodes that are compatible with the Crop Print feature.  |
| Barcode position     | Make sure barcodes are not tilted or on an angle. They must be parallel with the top and bottom of each page.                   |
|                      | Make sure barcodes start in the top left corner and run down the column, continuing at the top of the next column to the right. |

#### **Barcode Layout**

| Correct Barcode Layou | Incorrect Barcode Layout |                                   |           |           |           |  |
|-----------------------|--------------------------|-----------------------------------|-----------|-----------|-----------|--|
|                       |                          | Not identified (not aligned along | g the top | o margii  | n)        |  |
|                       |                          |                                   | D00XXU001 |           |           |  |
|                       |                          |                                   | D00XXU002 | D00X0X001 |           |  |
|                       |                          |                                   | D00XXU003 | D00X0X002 | D00KYX001 |  |
|                       |                          |                                   | D00XXU004 | D00X0X003 | D00KYX002 |  |
|                       |                          |                                   | D00VXY001 | D00X0X004 | D00KYX003 |  |
|                       |                          |                                   | D00VXY002 | D00ZXX001 | D00KYX004 |  |
|                       |                          |                                   | D00VXY003 | D00ZXX002 | D00XXX001 |  |
|                       |                          |                                   |           |           |           |  |

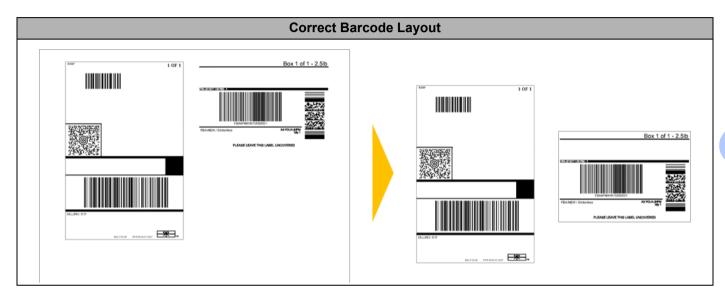
#### **Barcode Conditions for Shipping Labels**

| Item                 | Condition   |
|----------------------|---|
| Total barcode number | Between 1-9 barcodes.                                     |
| Barcode type         | Use only barcodes compatible with the Crop Print feature. |
| Barcode position     | Make sure barcodes are straight.                          |

#### Barcode Layout for Shipping Labels

Cropping is performed when any of the following conditions are satisfied:

- The label is surrounded by ruled lines.
- The label includes horizontal lines that extend the entire width of the label.
- The label includes vertical lines that extend the full height of the label.

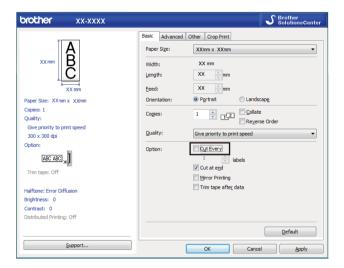


## Print Barcode Labels Using Crop Print

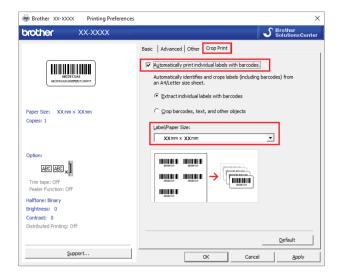
## **Note**

Make sure that your printer is connected to a computer or mobile device via a USB cable or network connection.

- 1 Open the barcode document PDF file you want to print.
- 2 Click File > Print.
- 3 Click the **Printer:** drop-down list, and then select your printer.
- 4 In the Page Sizing & Handling section, select the Actual Size radio button.
- 5 Under Orientation, select the Portrait radio button.
- 6 Click Properties.
- **7** Click the **Basic** tab, and do one of the following:
  - For Die Cut labels, clear the **Cut Every** check box.
  - For Continuous Rolls, select the **Cut Every** check box.



8 Click the Crop Print tab, and select the Automatically print individual labels with barcodes check box.



- Select the Extract individual labels with barcodes option for product labels or select the Crop barcodes, text, and other objects option for shipping labels.
- 10 Click the Label/Paper Size drop-down list, and then select your label or paper size.

If you select the Crop barcodes, text, and other objects option, only 102 mm width paper is listed.

#### 🖉 Note

Select the closest label size to match the original size of the crop data. We recommend testing a sample before printing a large number of labels.

- Click OK.
- Print from the application's print screen.

#### IMPORTANT

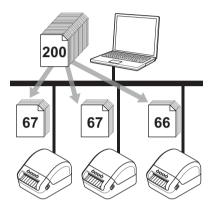
- Do not enlarge or reduce the size of the barcode sheet. The barcodes may not be identified correctly.
- When printing from Acrobat Reader, do the following:
  - In the Page Sizing & Handling section, clear the Choose paper source by PDF page size check box.
  - Under Orientation, select the Portrait radio button.

## **Distributed Printing (Windows only)**

When printing a large number of labels, printing can be distributed among multiple printers, via USB, to reduce printing time.



The number of pages is divided among the selected printers. If the specified number of pages cannot be evenly divided among the printers, it will be divided in the order of the printers as shown.



- 1 In P-touch Editor, click File > Print.
- 2 Click Properties....
- 3 Click the Advanced tab, select the Distributed Printing check box, and then click Settings.

| Basic Advanced    | Other Crop Prin  | nt                         |         |       |       |     |
|-------------------|--|----------------------------|---------|-------|-------|-----|
| Graphics:         | Halftone<br>C For logo and<br>Binary<br>C For text and<br>Dither<br>C For general li<br>Error Diffusio | graphics<br>abels containi | ng imag | ges   |       |     |
| 0                 | Brightness:<br>Contrast:   | -20<br>0<br>0              | •       | 0<br> | •     | +20 |
| Continuous Tape F |  |                            |         |       | ngs   |     |
|                   |  |                            |         | De    | fault |     |

4 In the **Distributed Printing Settings** dialog box, select the printers you want to use for distributed printing.

| elect a plinter, and then fight | -click it to change the settin | igs.          |            | L         | Detect Current Paper Information |
|---------------------------------|--------------------------------|---------------|------------|-----------|----------------------------------|
| Printer Name                    | Set paper                      | Current paper | Paper Type | Port Name | Notes                            |
| Brother QL-                     | 1.1" x 3.5"                    | 1             |            | USBOC     |                                  |
| Brother QL-                     | 1.1" x 3.5"                    | <b>①</b> …    |            | USB00     |                                  |
|                                 |                                |               |            |           |                                  |
|                                 |                                |               |            |           |                                  |
|                                 |                                |               |            |           |                                  |
|                                 |                                |               |            |           |                                  |
|                                 |                                |               |            |           |                                  |
|                                 |                                |               |            |           |                                  |
|                                 |                                |               |            |           |                                  |
|                                 |                                |               |            |           |                                  |
|                                 |                                |               |            |           |                                  |

- 1 Click **Detect Current Paper Information...** The current printer information that was detected appears below **Current Paper** and **Paper Type**.
- 2 Select the check box next to the **Printer Name** you want.

## Note

If the selected label width is different from that displayed in the **Current Paper** column, the () icon appears. Load the printer with the label width specified in **Set Width**.

7

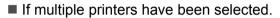
#### 5 Specify the label size.

■ If only one printer has been selected.

In the **Distributed Printing Settings** dialog box from step **(4)**, select the printer whose settings you want to specify, and then either double-click or right-click, and then click **Settings**. From the **Set Width** drop-down list, select the label size.

#### 🖉 Note

Information displayed in the **Distributed Printing Settings** dialog box from step **(4)** can be entered in the **Notes** text box.



In the **Distributed Printing Settings** dialog box from step **(4)**, select the printers whose settings you want to specify, right-click them, and then click **Settings**. From the **Set Width** drop-down list, select the label size. The same label size setting is applied to all selected printers.

🖉 Note

The settings below **Printer Settings** and **Notes** are not available.

- 6 Click **OK** to close the label size setting window.
- 7 Click OK to close the Distributed Printing Settings window. Setup is completed.
- 8 Click **OK** to close the **Properties** window.
- Start printing.

#### 🖉 Note

- It may not be possible to detect information for a printer connected via a USB hub or print server. Before printing, enter the settings manually, and check if the printer can be used for printing.
- We recommend performing a connection test for your operating environment. Contact your information technology manager or administrator for assistance.

## **Section II**



# Application

| How to Use P-touch Editor   | 60 |
|---|----|
| How to Use P-touch Editor Lite (Windows only)                             | 66 |
| How to Use P-touch Transfer Manager and<br>P-touch Library (Windows only) | 70 |
| How to Transfer Templates with P-touch                                    |    |
| Transfer Express (Windows only)   | 87 |
| How to Update P-touch Software  | 95 |

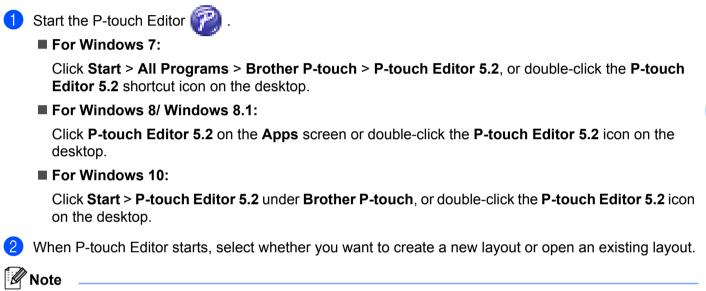
8

# How to Use P-touch Editor

To use your label printer with your computer, install P-touch Editor and the printer driver. For the latest drivers and software, visit <u>support.brother.com</u> and go to your model's **Downloads** page.

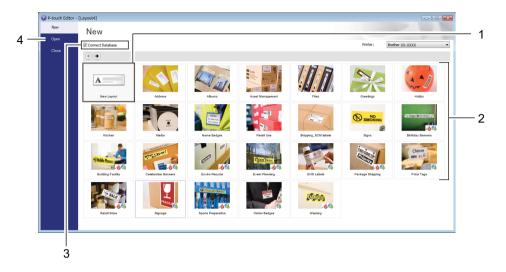
## **For Windows**

## **Starting P-touch Editor**



To change how P-touch Editor functions when it starts, click **Tools** > **Options** in the P-touch Editor menu bar to display the **Options** dialog box. On the left side, select the **General** heading, and then the setting you want in the **Operations** list box under **Startup Settings**. The factory setting is **Display New View**.

3 Select one of the displayed options:

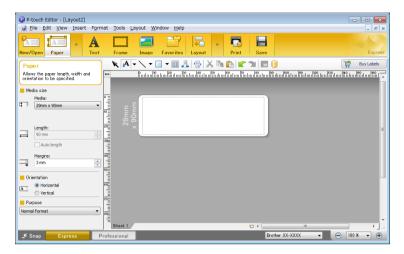


- 1 To create a new layout, double-click **New Layout**, or click **New Layout** and then click  $\rightarrow$ .
- 2 To create a new layout using a preset layout, double-click a category button, or select a category button and then click  $\rightarrow$ .
- 3 To connect a preset layout to a database, select the check box next to **Connect Database**.
- 4 To open an existing layout, click **Open**.

## **Printing with P-touch Editor**

#### Express mode

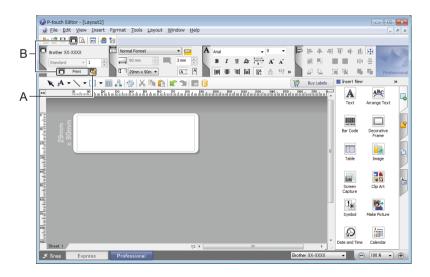
This mode allows you to quickly create layouts that include text and images.



Configure the Printing Settings in the Print screen before printing. To print, click **File > Print** from the menu bar or click the Print icon.

#### Professional mode

This mode allows you to create layouts using a wide-range of advanced tools and options.



Configure the Printing Settings in the Print screen before printing.

To print, click **File > Print** from the menu bar or click the Print icon (A).

In addition, click the **Print** icon (B) to start printing without changing the printing settings.

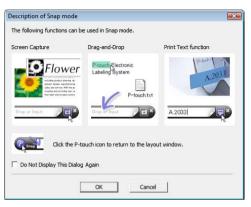
#### Snap mode

This mode allows you to capture all or a portion of your computer screen display, print it as an image, and save it for future use.

1

Click the **Snap** mode selection button.

The **Description of Snap mode** dialog box appears.



2 Click OK.

The Snap mode palette appears.



#### **Transfer Data to the Label Printer**

To transfer data to the printer, you must use P-touch Transfer Manager. For more information, see *P-touch Transfer Manager* on page 70.

## For Mac

## **Start P-touch Editor**

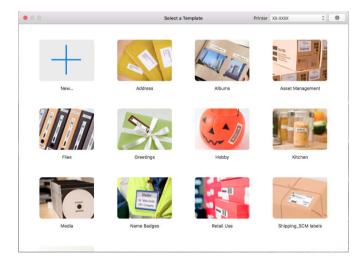
Double-click **Macintosh HD > Applications**, and then double-click the **P-touch Editor** application

icon. 🝘

## **Note**

When using a Mac, you cannot transfer label data created using P-touch Editor to the printer.

When P-touch Editor starts, select whether you want to create a new layout or open an existing layout.

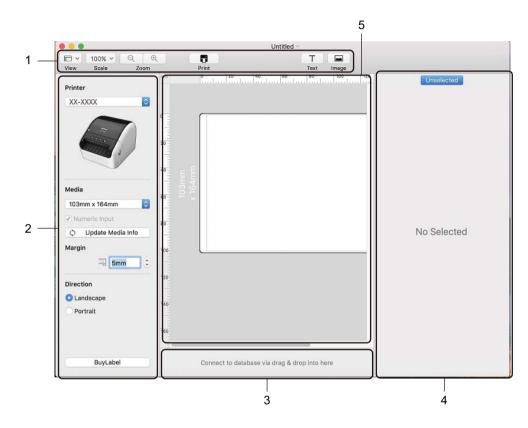


#### **Operation modes**

#### Standard mode

This mode allows you to create labels with text and images.

The Standard mode consists of the following sections:



- 1 Toolbar
- 2 Label Inspector
- 3 Database Connection Area
- 4 Object Inspector
- 5 Layout Window

#### **Transfer Data to the Label Printer**

To transfer data to the printer, you must use a Windows computer. For more information, see *P*-touch *Transfer Manager* on page 70.

# How to Use P-touch Editor Lite (Windows only)

With P-touch Editor Lite, you can quickly create various simple label layouts without installing any drivers or software.

P-touch Editor Lite is only supported when the label printer is connected via a USB cable.

After the USB cable is connected, a dialog box appears on the computer screen.

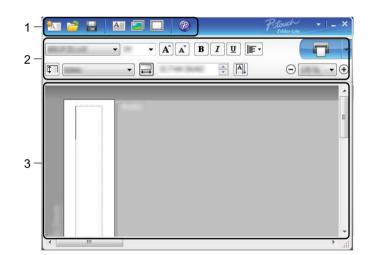
For Windows 7 / Windows 8 / Windows 8.1 / Windows 10, click **Open folder to view files** and then

double-click (??) (PTLITE10).

P-touch Editor Lite starts.

\* The printer must be set to P-touch Editor Lite mode. Press and hold the Editor Lite Button until the Editor Lite LED turns on.

#### **Layout Window**



- 1 Command Toolbar
- 2 Properties Toolbar
- 3 Label View

#### 1 Command Toolbar

| lcon     | Function  |
|----------|---|
| <b>*</b> | Displays the new label creation screen.   |
| 1        | Opens a saved file with P-touch Editor Lite.  |
|          | Saves the data to your computer, but not to the printer.  |
| A        | Inserts a new text box (useful when creating labels containing both single and multiple lines of text).   |
|          | Inserts an image into your label.<br><b>From file</b> : Inserts an image stored on your computer.<br><b>Screen capture</b> : Inserts the selected area of the computer screen as a graphic.<br><b>Symbol</b> : Inserts one of your computer's built-in symbols. |
|          | Inserts a frame.  |
| P        | Temporarily change the mode to use P-touch Editor, and then exit P-touch Editor Lite, which will start P-touch Editor.<br>P-touch Editor and the printer driver must be installed.  |
| •        | Displays the menu.<br>The menu includes all P-touch Editor Lite functions.  |
| -        | Minimises P-touch Editor Lite.  |
| ×        | Exits P-touch Editor Lite.  |

#### 2 Properties Toolbar

| lcon              | Function   |
|-------------------|--|
| Arial             | Click 🛃 to change the font.  |
| 56.6 <b>T A A</b> | Click <b>▼</b> to specify the font size.<br>You can adjust the font size up or down one level by clicking ▲ or ▲.      |
| BIU/<br>AAA       | Specifies the font style:<br>B/A Bold I/A Italic Underline   |
|                   | Specifies the alignment of text in a text box.   |
| 1.1* •            | Sets the width of the label. Click 🗊 to automatically detect the width of the inserted label.                          |
| 1.06 " (Auto)     | Sets the length of the label. Click 🖃 to automatically adjust the length of the label to accommodate the entered text. |

| Icon        | Function   |
|-------------|--|
|             | Sets/cancels the label direction to vertical.  |
| ☐ 100 % ▼ + | Click 	✓ to set the zoom factor for the Label View.<br>You can also change the zoom factor by clicking   |
|             | Click <b>C</b> to print normally or <b>i</b> to print with options.<br><b>Auto Cut</b> : Each label is automatically cut after printing.<br><b>Cut at end</b> : Cuts labels after the last label is printed.<br><b>Copies</b> : Prints multiple copies of a label. |

#### 3 Label View

| Display | Function  |
|---------|---|
| 1.1ª    | This label view is displayed when the software is started. The label width currently set is displayed on the left of the label image. When "Auto" is shown on the right, the label length is automatically adjusted to the text length.   |
|         | To manually change the label length and width, move the pointer to the label area's border, and then drag it when the blue line appears.  |
|         | To adjust the size of the P-touch Editor Lite window, move the pointer over an edge of the window and drag it when the pointer changes to an arrow.   |
| Auto    | Guidelines are sometimes displayed when moving objects. They are shown when<br>the object is aligned at the left, right, top, or bottom edge of the Printable area, or in<br>the centre. In the illustration on the left, the guidelines indicate that the object is<br>centred at the top edge of the label. |
| Auto    | Inserted text boxes, images, and frames are treated as objects. Objects are surrounded by handles (indicated by eight blue points).   |
| Auto    | Indicates that an object is selected.   |
| Autor   | The pointer changes to an arrow when moved over a handle. Drag the handles to change the object's size.   |
| t Auto  | To move objects, drag them when the pointer changes to a crosshair. For text objects, the pointer only changes to a crosshair over the border of the object.  |

#### Right-click in the layout view area to select and execute the following menu items.

#### Other Functions (right-click to view)

| Menu                     | Do this  |
|--------------------------|--|
| Undo<br>Redo             | Click <b>Undo</b> to undo the last operation.<br>Click <b>Redo</b> to redo the last operation.   |
| Cut<br>Copy<br>Paste     | Select the text area (or object) that you want to cut or copy and select <b>Cut</b> or <b>Copy</b> .<br>Click in the destination area and select <b>Paste</b> .  |
| Margins                  | The function is not available for this model.  |
| Insert                   | Click <b>Insert</b> .<br>Select <b>Text box</b> to insert text into the label.<br>Select <b>From File</b> to insert an image stored on your computer.<br>Select <b>Screen Capture</b> to select and insert an area of the computer screen.<br>Select <b>Symbol</b> to insert one of your computer's built-in symbols.<br>Select <b>Frame</b> to insert one of P-touch Editor Lite's built-in frames. |
| Direction                | Select the text object and click either <b>Horizontal Text</b> or <b>Vertical Text</b> to change the direction of the text.  |
| Numbering                | Select the number or letter within your text and click <b>Numbering</b> to insert an incremented number or letter on each label. Click v to the right of the <b>Print</b> button and click <b>Print Options</b> . Select the <b>Numbering</b> box and enter the number of labels for printing in the <b>Count</b> field. Click the <b>Print</b> button.  |
| Change Image             | Select the image and click <b>Change Image</b> to replace the current image with a different image.  |
| Rotate                   | Rotate objects to 0°, 90°, 180° or 270°.   |
| Order                    | Select one of the objects and click <b>Order</b> , then select <b>Bring to Front</b> , <b>Send to Back</b> , <b>Bring Forward</b> , or <b>Send Backward</b> to set the order of each object in the layer.  |
| P-touch Editor           | Temporarily change the mode to use <b>P-touch Editor</b> , and then exit P-touch Editor<br>Lite, which will start P-touch Editor.<br>P-touch Editor and the printer driver must be installed.  |
| Options                  | Click <b>Options</b> .<br>Select either <b>millimeters (mm)</b> or <b>inches (in)</b> to set the measurement unit setting.<br>Select the P-touch Editor Lite language. Restart the application to apply the new<br>selected "Language".<br>Select either <b>Display New Value after Printing</b> or <b>Reset to Original Value after</b><br><b>Printing</b> to set the numbering option.             |
| Brother Solutions Center | Click Brother Solutions Center to go to the website for assistance and information.  |
| About                    | Click About to learn about the P-touch Editor Lite version.  |
| Exit                     | Click Exit to exit P-touch Editor Lite.  |

## P-touch Transfer Manager

This program allows you to transfer templates and other data to the label printer and save backups of your data on the computer.

First P-touch Transfer Manager transfers data to the printer, and then P-touch Template sends text data that will be inserted into the template and printed. For more information on P-touch Template, download the P-touch Template Manual/Command Reference (English only) from the Brother Solutions Center at support.brother.com/manuals.

The transfer function is needed to use P-touch Template.

## Transfer the Template to P-touch Transfer Manager

To use P-touch Transfer Manager, you must first transfer templates created in P-touch Editor to P-touch Transfer Manager.

In P-touch Editor, open the template you want.

Click File > Transfer Template > Transfer.

When P-touch Transfer Manager starts, the Main window appears.

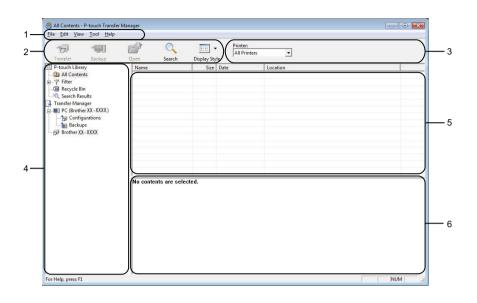


The following method can also be used to start the P-touch Transfer Manager:

- For Windows 7: Click Start > All Programs > Brother P-touch > P-touch Tools > P-touch Transfer Manager 2.3.
- For Windows 8 / Windows 8.1: Click P-touch Transfer Manager 2.3 on the Apps screen.
- For Windows 10:

Click Start > P-touch Transfer Manager 2.3 under Brother P-touch.

#### Main window



#### 1 Menu Bar

Provides access to various commands, which are grouped under each menu title (File, Edit, View, Tool, and Help) according to their functions.

#### 2 Toolbar

Provides access to frequently used commands.

#### 3 Printer Selector

Allows you to select which printer the data will be transferred to. When you select a printer, only the data that can be sent to the selected printer appears in the data list.

#### 4 Folder List

Displays a list of folders and printers. When you select a folder, the templates in the selected folder appear in the template list.

If you select a printer, the current templates and other data stored in the printer appear.

#### 5 Template List

Displays a list of templates in the selected folder.

#### 6 Preview

Displays a preview of the templates in the templates list.

### Explanations of the Toolbar Icons

| Icon     | Button name              | Function  |
|----------|--------------------------|---|
|          | Transfer                 | Transfers templates and other data from the computer to the printer.                      |
|          | Save Transfer File       | Changes the file type of the data to be transferred to other                              |
| 72       | (When not connected to a | applications.   |
|          | printer)                 | Select <b>PDZ</b> when transferring the data using Transfer Express (USB).                |
|          |                          | The available interfaces differ depending on your model.                                  |
| -        | Backup                   | Retrieves the templates and other data saved in the printer and saves it on the computer. |
| <b>7</b> | Open                     | Opens the selected template.  |
| Q        | Search                   | Allows you to search for templates or other data registered to P-touch Library.           |
|          | Display Style            | Changes the file display style.   |

## Transfer Templates or Other Data from the Computer to the Label Printer

Use the following procedure to transfer templates, databases, and images from the computer to the printer.

 Connect the computer and the printer via USB and turn the printer on. The printer model name appears next to a printer icon in the folder view. If you select the printer in the folder view, the current templates and other data stored in the printer appear.

#### Note

- If a printer is disconnected or offline, it does not appear in the folder view.
- Before transferring data, check that the computer and the printer are correctly connected via a USB cable, and that the printer is On.
- 2 Select the printer that you want to transfer the template or other data to.

| Transfer Backup               | Open Search          | Display St | All Printers       | <u> </u>   |   |
|-------------------------------|----------------------|------------|--------------------|--|---|
| P-touch Library               | Name                 |            | Date Brother XX-X  | xxx  | - |
| All Contents                  | 👰 name               |            |                    | C:\Users\User-Eng\AppData\Roaming\Brother\P-touch Libr |   |
| ·☆ Filter                     | CD CD                |            |                    | C:\Users\User-Eng\AppData\Roaming\Brother\P-touch Libr |   |
| Recycle Bin<br>Search Results | @ address            | 2KB        | 11/10/2011 5:28:23 | C:\Users\User-Eng\AppData\Roaming\Brother\P-touch Libr |   |
| Transfer Manager              |                      |            |                    |  |   |
| PC (Brother XX - XXXX)        |                      |            |                    |  |   |
| Configurations                |                      |            |                    |  |   |
| Backups                       |                      |            |                    |  |   |
| Brother XX - XXXX             | -                    |            |                    |  |   |
|                               | -                    |            |                    |  |   |
|                               | -                    |            |                    |  |   |
|                               |                      |            |                    |  |   |
|                               |                      |            |                    |  |   |
|                               |                      |            |                    |  |   |
|                               | No contents are sele | ected.     |                    |  | - |
|                               |                      |            |                    |  |   |
|                               |                      |            |                    |  |   |
|                               |                      |            |                    |  |   |
|                               |                      |            |                    |  |   |
|                               |                      |            |                    |  |   |
|                               |                      |            |                    |  |   |
|                               |                      |            |                    |  |   |
|                               |                      |            |                    |  |   |
|                               |                      |            |                    |  |   |
|                               |                      |            |                    |  |   |

PC (Brother QL-File Edit View Tool Help --77 P 0 -Printer: All Printers • Display Style Size Type 1KB Layout 1KB Layout 2KB Layout Transfer B P-touch Library All Contents P-G Recycle Bin C Search Results Transfer Manager P (Brother QL) Transfer Name Date 11/10/2011 5:25:10... 11/10/2011 5:25:33... 11/10/2011 5:28:23... Name name.lbx CD.lbx address.lbx Key Assign address Backups New ø er O New Me Properties. No contents are selected. NUM Creates a new folder

**3** Right-click the **Configurations** folder, select **New**, and then create a new folder.

4 Drag the template or other data that you want to transfer and place it in the new folder.

#### **Transfer Function Specification**

| Data type                      | Maximum number of<br>transferable items | Restriction details   |
|--------------------------------|---|---|
| Template                       | 99                                      | Each template can contain a maximum of 50 objects.  |
| Database                       | 99                                      | <ul> <li>Only *.csv files can be transferred.</li> <li>Each *.csv file can contain a maximum of 65000 records.</li> </ul>   |
| Image<br>(transferred symbols) | 99                                      | <ul> <li>Only *.bmp files can be transferred.</li> <li>Monochrome *.bmp files are recommended.</li> <li>The size limit is 1296 ? 1296 pixels.</li> <li>Wide images may be cropped.</li> </ul> |



You can confirm the available space in the transfer file memory by printing the Printer Setting Report. For more information, see *Confirm Label Printer Settings* on page 50.

See **RomFree** in the report for the available space <sup>1</sup>.

<sup>1</sup> The available space that appears in "RomFree = \*\*\*\*\*\*\* byte" may be different from the actual available space.

You can view the templates and other data by selecting:

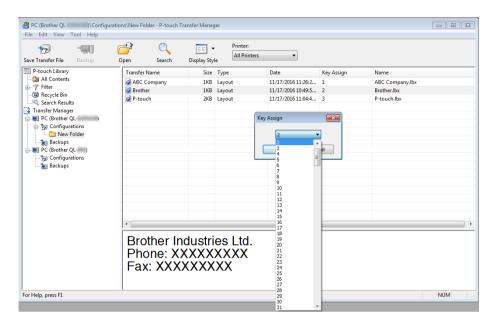
- The folder in the **Configurations** folder
- All Contents
- One of the categories under Filter, such as Layouts

When transferring multiple templates or other data, drag all files you want to transfer and place them in the new folder.

Each file is assigned a key number (memory location in the printer) when it is placed in the new folder.

| Transfer Backup                                  | Open Search   | Display Sty | All Print | ers 💌              |            |             |
|--|---------------|-------------|-----------|--------------------|------------|-------------|
| P-touch Library                                  | Transfer Name |             | Туре      | Date               | Key Assign | Name        |
| All Contents                                     | address       | 2KB         | Layout    | 11/10/2011 5:42:32 | -          | address.lbx |
| ⊞-Ÿ Filter                                       | CD            |             | Layout    | 11/10/2011 5:45:02 | -          | CD.lbx      |
| - 🔞 Recycle Bin                                  | 2 name        |             | Layout    | 11/10/2011 5:53:31 |            | name.lbx    |
| Q Search Results                                 | @ number      | 1KB         | Layout    | 11/10/2011 6:10:45 | -          | number.lbx  |
| 🔹 Transfer Manager<br>🗄 💻 PC (Brother XX - XXXX) |               |             |           |                    |            |             |
| E Configurations                                 |               |             |           |                    |            |             |
| Transfer   |               |             |           |                    |            |             |
| Backups  |               |             |           |                    |            |             |
| Brother XX - XXXX                                |               |             |           |                    |            |             |
|  |               |             |           |                    |            |             |
|  |               |             |           |                    |            |             |
|  |               |             |           |                    |            |             |
|  | <             |             |           |                    |            |             |
|  |               |             |           |                    |            |             |
|  |               |             |           |                    |            |             |

5 To change the key number assigned to an item, right-click the item, select **Key Assign**, and then select the key number you want.



### 🖉 Note

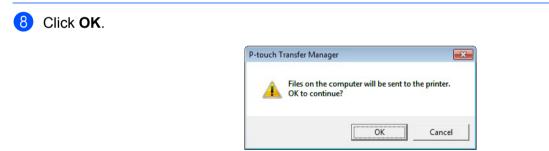
- Except for the data in databases, all data transferred to the printer is assigned a key number.
- If the template or other data transferred to the printer has the same key number as another template already saved in the printer, the new template will overwrite the old one. You can confirm the templates key number assignments saved in the printer by backing up the templates or other data. For more information, see *Back up Templates or Other Data Saved in the Label Printer* on page 78.
- If the printer memory is full, remove one or more templates from the printer's memory. For more information, see *Back up Templates or Other Data Saved in the Label Printer* on page 78.
- 6 To change the template names or other data that you want to transfer, click the item you want, and then type the new name. The number of characters used for the template names may be limited depending on the printer model.

7 Select the folder containing the templates or other data that you want to transfer, and then click Transfer. A confirmation message appears.

| Transfer Backup        | Open Search   | Display Sty | All Printer | ers 💌              |            |             |
|------------------------|---------------|-------------|-------------|--------------------|------------|-------------|
| P-touch Library        | Transfer Name | Size        | Туре        | Date               | Key Assign | Name        |
| - 🖾 All Contents       | address       | 2KB         | Layout      | 11/10/2011 5:42:32 | -          | address.lbx |
| - 🌱 Filter             | CD CD         |             | Layout      | 11/10/2011 5:45:02 | -          | CD.lbx      |
| - Bin Recycle Bin      | 🧟 name        |             | Layout      | 11/10/2011 5:53:31 |            | name.lbx    |
| Q Search Results       | i number      | 1KB         | Layout      | 11/10/2011 6:10:45 | -          | number.lbx  |
| Transfer Manager       |               |             |             |                    |            |             |
| PC (Brother XX - XXXX) |               |             |             |                    |            |             |
| E D Configurations     |               |             |             |                    |            |             |
| Transfer               |               |             |             |                    |            |             |
| Backups                |               |             |             |                    |            |             |
| Brother XX - XXXX      |               |             |             |                    |            |             |
|                        |               |             |             |                    |            |             |
|                        |               |             |             |                    |            |             |
|                        |               |             |             |                    |            |             |
|                        | €             |             |             | m                  |            |             |
|                        |               |             |             |                    |            |             |
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|                        |               |             |             |                    |            |             |
|                        |               |             |             |                    |            |             |
|                        |               |             |             |                    |            |             |
|                        |               |             |             |                    |            |             |
|                        |               |             |             |                    |            |             |
|                        |               |             |             |                    |            |             |

#### 🖉 Note

- You can also transfer individual items to the printer without adding them to a folder. Select the template or other data that you want to transfer, and then click **Transfer**.
- Multiple items and folders can be selected and transferred in one operation.



The selected items are transferred to the printer.

## Back up Templates or Other Data Saved in the Label Printer

Use the following procedure to retrieve templates or other data saved in the printer and save it on the computer.

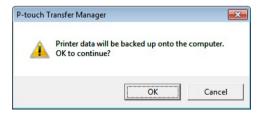
#### IMPORTANT

- Backed up templates or other data cannot be edited on the computer.
- Depending on the printer model, backed up templates or data may not be transferable between different models.
- Connect the computer and the printer and turn the printer ON.
   The printer model name appears next to a printer icon in the folder view.
   If you select the printer in the folder view, the current templates and other data stored in the printer appear.
- Select the printer to back up from, and then click Backup. A confirmation message appears.

| Transfer Backup        | Open Search   | Display St | All Printe | ers 💌            |            |                         |
|------------------------|---------------|------------|------------|------------------|------------|-------------------------|
| P-touch Library        | Transfer Name |            | Туре       | Date             | Key Assign | Connected Database Name |
| All Contents           | 6 number      |            | Template   | 11/10/2011 20:57 | 2          | -                       |
| - 🌱 Filter             | Finame        | 1KB        | Template   | 11/10/2011 20:57 | 5          | -                       |
| - 🔞 Recycle Bin        | 6 CD          | 5KB        | Template   | 11/10/2011 20:57 | 6          | -                       |
| Q Search Results       | 6 address     | 1KB        | Template   | 11/10/2011 20:57 | 7          | -                       |
| Transfer Manager       |               |            |            |                  |            |                         |
| PC (Brother XX - XXXX) |               |            |            |                  |            |                         |
| Configurations         |               |            |            |                  |            |                         |
| - C Transfer           |               |            |            |                  |            |                         |
| Backups                |               |            |            |                  |            |                         |
| PC (Brother XX - XXXX) |               |            |            |                  |            |                         |
| Configurations         |               |            |            |                  |            |                         |
| Transfer               |               |            |            |                  |            |                         |
| Backups                |               |            |            |                  |            |                         |
| Brother XX-XXXX        |               |            |            |                  |            |                         |
| 5-                     | € [           |            |            | m                |            |                         |
|                        |               |            |            |                  |            |                         |
|                        |               |            |            |                  |            |                         |
|                        |               |            |            |                  |            |                         |
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|                        |               |            |            |                  |            |                         |
|                        |               |            |            |                  |            |                         |
|                        |               |            |            |                  |            |                         |

#### Click OK.

A new folder is created under the printer in the folder view. The folder name is based on the date and time of the backup. All of the printer's templates and other data are transferred to the new folder and saved on the computer.



## **Delete Label Printer Data**

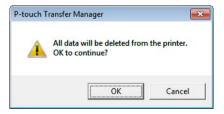
Use the following procedure to delete all templates or other data saved on the printer.

Connect the computer and the printer and turn the printer on.
 The printer model name appears next to a printer icon in the folder view.

2 Right-click the printer, and then select **Delete All**.

| ransfer         Backup           -touch Library         BAIC Contents           # Filter         B           B. Recycle Bin         B           Q. Search Results         ransfer Manager           BJ PC (Brother XX - XXXX)         B           PC (Brother XX - XXXX)         B | Open<br>Transfer M<br>D numbe<br>D name<br>D CD<br>D dddres |              | 1KB       | /le<br>Type<br>Template          | Date   | Key Assign       | 1                       |
|--|---|--------------|-----------|----------------------------------|--|------------------|-------------------------|
| All Contents Filter Recycle Bin Search Results ransfer Manager R PC (Brother XX - XXXX)  | ම් numbe<br>මේ name<br>මේ CD                                |              | 1KB       |                                  | Date   |                  |                         |
| Configurations   |   | 5            | 5KB       | Template<br>Template<br>Template | 11/10/2011 20:57<br>11/10/2011 20:57<br>11/10/2011 20:57<br>11/10/2011 20:57 | 2<br>5<br>6<br>7 | Connected Database Name |
| Delete All   |   |              |           |                                  |  |                  |                         |
| Printer Settings   |   |              |           |                                  |  |                  |                         |
| Properties   |   |              |           |                                  |  |                  |                         |
|  | 11  |              |           |                                  | m  |                  |                         |
|  |   | contents are | Jorenteu. |                                  |  |                  |                         |

A confirmation message appears.



Click OK.

All templates and other data saved in the printer is deleted.

## **Create Transfer Package Files**

You can use P-touch Transfer Manager to save template data created using P-touch Editor in .pdz format. You can transfer these files in this format to a printer from a computer or mobile device.



Create the template using P-touch Editor, and then transfer it to P-touch Transfer Manager. For more information, see Transfer the Template to P-touch Transfer Manager on page 70.

2 Without connecting the printer to the computer, select **Configurations** in the P-touch Transfer Manager window, and then select the template to save.

#### 🖉 Note

You can select multiple templates at the same time.



#### IMPORTANT

The **Save Transfer File** button appears only if the printer is disconnected from the computer or offline.

🖉 Note

- If you click Save Transfer File after selecting Configurations, all templates in the folder are saved as the Transfer Package file (.pdz).
- You can combine multiple templates into a single Transfer Package file (.pdz).
- 4 In the Save as type field, select the template format you want, and then type in the name and save the template.

The templates are saved as a Transfer Package file (.pdz).

## **P-touch Library**

This program allows you to manage and print P-touch Editor templates.

## **Start P-touch Library**

For Windows 7:

Click Start > All Programs > Brother P-touch > P-touch Tools > P-touch Library 2.3.

For Windows 8 / Windows 8.1:

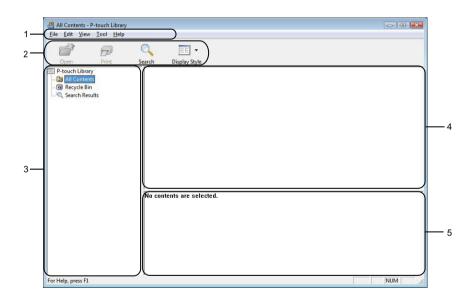
On the Apps screen, click P-touch Library 2.3.

For Windows 10:

Click Start > P-touch Library 2.3 under Brother P-touch.

When P-touch Library starts, the Main window appears.

#### Main window



#### 1 Menu Bar

Provides access to all available commands, which are grouped under each menu title (**File**, **Edit**, **View**, **Tool**, and **Help**) according to their functions.

#### 2 Toolbar

Provides access to frequently used commands.

#### 3 Folder List

Displays a list of folders. When you select a folder, the templates in the selected folder appear in the templates list.

#### 4 Templates List

Displays a list of the templates in the selected folder.

#### 5 Preview

Displays a preview of the templates selected in the templates list.

#### Explanations of the Toolbar Icons

| lcon     | Button name   | Function  |  |  |
|----------|---------------|---|--|--|
| <b>2</b> | Open          | Opens the selected template.                                      |  |  |
|          | Print         | Prints the selected template with the printer.                    |  |  |
| Search   |               | Allows you to search for templates registered to P-touch Library. |  |  |
|          | Display Style | Changes the file display style.                                   |  |  |

## **Open and Edit Templates**

| Eile Edit Yiew Iool Help        | Q == •               |           |   |     |
|---------------------------------|----------------------|-----------|---|-----|
| Open Print                      | Search Display Style |           |   |     |
| P-touch Library                 | Name                 | Size Date | Location  |     |
| 🛅 All Contents<br>🔞 Recycle Bin | ABC Company.lbx      |           | C:\Users\User\Documents\My Labels\ABC Company.lbx |     |
|                                 | Brother.lbx          |           | C:\Users\User\Documents\My Labels\Brother.lbx     |     |
| - Council incluing              | P-touch.lbx          | 2KB 11/   | C:\Users\User\Documents\My Labels\P-touch.lbx     |     |
|                                 |                      |           |   |     |
|                                 |                      |           |   |     |
|                                 |                      |           |   |     |
|                                 |                      |           |   |     |
|                                 |                      |           |   |     |
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|                                 |                      |           |   |     |
|                                 |                      |           |   |     |
|                                 |                      |           |   |     |
|                                 |                      |           |   |     |
|                                 | •                    |           | III   |     |
|                                 |                      |           |   |     |
|                                 | ABC Cor              | npany     |   |     |
|                                 |                      |           |   |     |
|                                 | Phone X              | ΧΧΧΧΧ     | XXX   |     |
|                                 |                      |           |   |     |
|                                 |                      |           |   |     |
| or Help, press F1               |                      |           |   | NUM |

Select the template you want to open or edit, and then click **Open**.

The program associated with the template launches, allowing you to edit the template.

## **Print Templates**

| Eile Edit View Iool Help |                      |           |   |   |
|--------------------------|----------------------|-----------|---|---|
| 🚰 🖓                      | 🔍 📰 •                |           |   |   |
| Open Print               | Search Display Style |           |   |   |
| P-touch Library          | Name                 | Size Date | Location  | _ |
| - 🛅 All Contents         | ABC Company.lbx      | 1KB 11/   | C:\Users\User\Documents\My Labels\ABC Company.lbx |   |
|                          | Brother.lbx          |           | C:\User\User\Documents\My Labels\Brother.lbx      |   |
| Search Results           | P-touch.lbx          | 2KB 11/   | C:\Users\User\Documents\My Labels\P-touch.lbx     |   |
|                          |                      |           |   |   |
|                          |                      |           |   |   |
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|                          |                      |           |   |   |
|                          | <                    |           | III   |   |
|                          |                      |           |   |   |
|                          | ABC Cor              | nnany     |   |   |
|                          |                      |           |   |   |
|                          | Phone X              | XXXXX     | XXX   |   |
|                          |                      |           |   |   |
|                          |                      |           |   |   |

Select the template you want to print, and then click Print.

The connected printer prints the template.

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## **Search for Templates**

You can search for templates registered to P-touch Library.



The Search dialog box appears.

| Open Print                      | Search Display Style        |   |  |
|---------------------------------|-----------------------------|---|--|
| P-touch Library<br>All Contents | Name Size Date              |   |  |
| C Recycle Bin                   |                             | C:\Users\User\Documents\My Labels\ABC Company.lbx   |  |
| Q Search Results                |                             | C:\Users\User\Documents\My Labels\Brother.lbx<br>C\Users\User\Documents\My Labels\B-touch.lbx |  |
|                                 | Search                      |   |  |
|                                 | Multiple Parameters         | AND      OR   |  |
|                                 | Name Name                   | CONTAINS  |  |
|                                 | Type Layout                 | (bx;lbi;lbp;mbl)  |  |
|                                 | Size From<br>To             | 0 (KB<br>0 (KB  |  |
|                                 | Date From<br>To             | 11/22/2016  |  |
|                                 | ×                           | Begin Search Close  |  |
|                                 | ABC Company<br>Phone XXXXXX | (XX   |  |

2 Specify the search criteria.

The following search criteria are available:

| Settings            | Details  |
|---------------------|--|
| Multiple Parameters | Determines how the program searches when multiple criteria are specified. If you select <b>AND</b> , the program searches for files that satisfy all of the criteria. If you select <b>OR</b> , the program searches for files that satisfy any of the criteria. |
| Name                | Search for a template by specifying the file name.   |
| Туре                | Search for a template by specifying the file type.   |
| Size                | Search for a template by specifying the file size.   |
| Date                | Search for a template by specifying the file date.   |

#### 3 Click Begin Search.

The search begins and the search results are displayed.

#### 4 Close the **Search** dialog box.

To confirm the search results, click Search Results in the folder view.

#### **Note**

You can register templates to P-touch Library by dragging and dropping them into the **All Contents** folder or to the folder list. You can also configure P-touch Editor to register templates to P-touch Library automatically, using the following procedure:

- 1 From the P-touch Editor menu, select **Tools** > **Options**.
- 2 In the **Options** dialog box, click **General > Registration Settings**.
- 3 Select the timing for registering templates created with P-touch Editor, and then click OK.

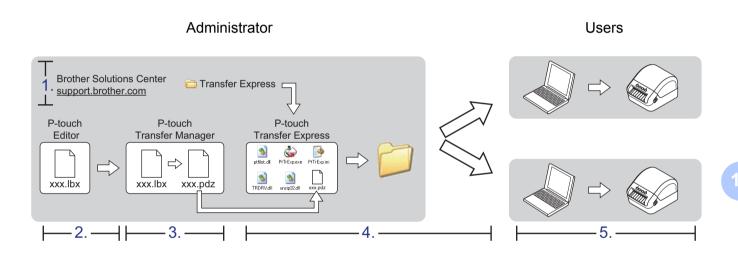
## 11 How to Transfer Templates with P-touch Transfer Express (Windows only)

You can transfer templates to the label printer using P-touch Transfer Express. First, the administrator creates a template, and then distributes it together with P-touch Transfer Express. You can then use P-touch Transfer Express to transfer the template directly to your printer.

To download the latest version of P-touch Transfer Express, visit <u>support.brother.com</u> and go to your model's **Downloads** page.

#### IMPORTANT

- When transferring a new template, make sure you specify a Key Assign number (in P-touch Transfer Manager) that is not currently used. If the specified Key Assign number is already being used, the existing template will be overwritten with the new one.
- This function requires a USB connection.



## **Preparing P-touch Transfer Express**

You must prepare P-touch Transfer Express for transferring templates to a printer.

#### IMPORTANT

- The printer driver must be installed before using Transfer Express.
- P-touch Transfer Express is available only in English.

To download the latest version of P-touch Transfer Express, visit <u>support.brother.com</u> and go to your model's **Downloads** page.

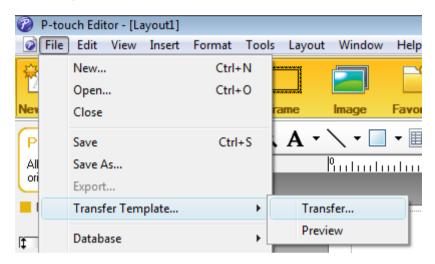


Download Transfer Express to any location on the computer.

Decompress the downloaded file (.zip).

## **Transfer the Template to P-touch Transfer Manager**

- In P-touch Editor, open the template you want to use.
  - Click File > Transfer Template > Transfer.



The template is transferred to P-touch Transfer Manager. P-touch Transfer Manager automatically starts up.

#### 🖉 Note

• For Windows 7:

The template can also be transferred to P-touch Transfer Manager by clicking **Start > All Programs > Brother P-touch > P-touch Tools > P-touch Transfer Manager 2.3** to start P-touch Transfer Manager, and then dragging the .lbx file to the P-touch Transfer Manager window.

• For Windows 8 / Windows 8.1:

The template can also be transferred to P-touch Transfer Manager by clicking **P-touch Transfer Manager 2.3** on the **Apps** screen to start P-touch Transfer Manager, and then dragging the .lbx file to the P-touch Transfer Manager window.

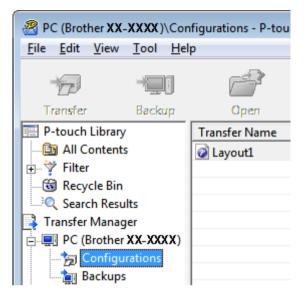
• For Windows 10:

The template can also be transferred to P-touch Transfer Manager by clicking **Start > Brother P-touch > P-touch Transfer Manager 2.3** to start P-touch Transfer Manager, and then dragging the .lbx file to the P-touch Transfer Manager window.

## Save the Template as a Transfer Package File (.pdz)

To create a file in a format that can be used by P-touch Transfer Express, save the template as a Transfer Package file (.pdz).

1 In the folder view, select **Configurations**.

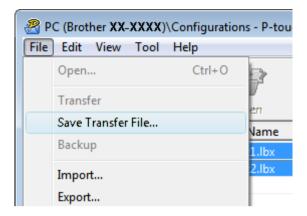


2) Select the templates you want to distribute.



How to Transfer Templates with P-touch Transfer Express (Windows only)

Click File > Save Transfer File.



#### IMPORTANT

The Save Transfer File option appears only if the printer is disconnected from the computer or offline.

## 🖉 Note

- If you click **Save Transfer File** after selecting **Configurations** or a created folder, all templates in the folder are saved as the Transfer Package file (.pdz).
- You can combine multiple templates into a single Transfer Package file (.pdz).

4 Type the name, and then click **Save**.



The template is saved as a Transfer Package file (.pdz).

11

## Distribute the Transfer Package File (.pdz) and P-touch Transfer Express to Others

## Note

If you already have P-touch Transfer Express downloaded, it is not necessary for the administrator to send the Transfer Express folder. In this case, you can simply move the distributed Transfer Package file to the downloaded folder, and then double-click **PtTrExp.exe**.

Move the Transfer Package file (.pdz) to the downloads folder.

| And a second second | ize 👻 🔡 Views |              | eserver i serve |             |             | C |
|---------------------|---------------|--------------|-----------------|-------------|-------------|---|
| Name                | Date modified | Туре         | Size            |             |             |   |
| 6                   | 3             |              | 563             | 500         |             |   |
| 000                 |               | <u>{</u> 0}} |                 | 00          |             |   |
| ptfilot.dll         | PtTrExp.exe P | tTrExp.ini   | TRDRV.dll       | unzip32.dll | Layout1.pdz |   |
|                     |               |              |                 | 100-        |             |   |
|                     |               |              |                 |             |             |   |
|                     |               |              |                 |             |             |   |
|                     |               |              |                 |             |             |   |
|                     |               |              |                 |             |             |   |
|                     |               |              |                 |             |             |   |
|                     |               |              |                 |             |             |   |

Distribute all the files in the downloads folder to others.

## Transfer the Transfer Package File (.pdz) to Your Label Printer

Using the P-touch Transfer Express application received from the administrator, you can transfer the Transfer Package file (.pdz) to the printer.

#### IMPORTANT

Do not turn off the power when transferring templates.

- **1** Turn the printer ON.
- 2 Using a USB cable, connect the printer to the computer.
- **3** Double-click **PtTrExp.exe**, which was received from the administrator.
- 4 Transfer a Transfer Package file (.pdz) to the printer.
  - Transferring a single Transfer Package file (.pdz)
    - 1 When there is a single Transfer Package file (.pdz) within the folder containing **PtTrExp.exe**, click **Transfer**.



2 The transfer of the Transfer Package file begins.



How to Transfer Templates with P-touch Transfer Express (Windows only)

- Transferring multiple Transfer Package files (.pdz)
  - 1 When there are multiple Transfer Package files (.pdz) within the folder containing **PtTrExp.exe**, click **Browse**.

|   | P-touch 1 | Transfer Express   | × |
|---|-----------|--|---|
|   | ٩         | Select the Transfer Package file to be transferred to the printer.<br>Then, click the Transfer button to begin transferring. |   |
|   | Transfe   | r Package <u>F</u> ile:  |   |
|   |           | Browse.  |   |
| - |           |  |   |
|   |           | D Iransfer Exit  |   |

2 Select the Transfer Package file you want to transfer, and then click **Open**.

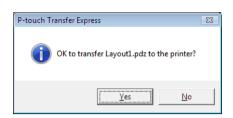
| 🙀 Open  |                                      |              |                   |      |   |   |            |   |                    | × |
|---|--------------------------------------|--------------|-------------------|------|---|---|------------|---|--------------------|---|
| Look in:  | 📔 Transfer Ex                        | press        |                   | •    | + | £ | <b>e</b> 1 | • |                    |   |
| Recent Places<br>Desktop<br>Crestec Nagoya<br>Computer<br>Computer<br>Network | Name                                 |              | Туре              | Size |   |   |            |   |                    |   |
|   | File <u>n</u> ame:<br>Files of type: | Layout 1.pdz | kage file (*.pdz) |      |   |   | •          |   | <u>O</u> po<br>Can |   |

3 Click Transfer.

| 😡 P-touch | Transfer Express   | × |  |  |  |  |  |
|-----------|--|---|--|--|--|--|--|
| ٨         | Select the Transfer Package file to be transferred to the printer.<br>Then, click the Transfer button to begin transferring. |   |  |  |  |  |  |
|           | r Package File:<br>rs\xxx\Desktop\Transfer Express\Layout1.pdz   |   |  |  |  |  |  |
|           | 🔁 <u>T</u> ransfer E <u>x</u> it   |   |  |  |  |  |  |

How to Transfer Templates with P-touch Transfer Express (Windows only)

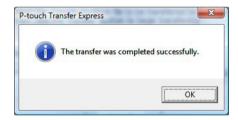
4 Click Yes.



5 The transfer of the Transfer Package file begins.



5 When the transfer is complete, click **OK**.



## How to Update P-touch Software

The software can be upgraded to the latest available version using the P-touch Update Software.

#### Note 🖉

- · The actual software and the contents of this manual may differ.
- Do not turn off the power when transferring data or updating firmware.

## **Update P-touch Editor (Windows only)**

#### IMPORTANT

Before updating P-touch Editor, install the printer driver.

1 Start the P-touch Update Software.

#### For Windows 7:

Double-click the P-touch Update Software icon.



The following method can also be used to start P-touch Update Software:

Click Start > All Programs > Brother P-touch > P-touch Update Software.

For Windows 8 / Windows 8.1:

Click **P-touch Update Software** on the **Apps** screen or double-click **P-touch Update Software** on the desktop.

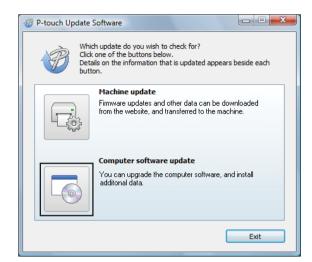
For Windows 10:

Click Start > Brother P-touch > P-touch Update Software, or double-click P-touch Update Software on the desktop.



How to Update P-touch Software

2 Click the **Computer software update** icon.



3 Select the **Printer** and **Language**, select the check boxes next to P-touch Editor, and then click **Install**.

| P-touch Update Software   |         |                      |
|---|---------|----------------------|
| <u>File Tools H</u> elp   |         |                      |
| The updated computer<br>will be installed.<br>Select the desired items, a |         |                      |
| Printer: XX - XXXX  |         | •                    |
| Language: English(United Kin  | ngdom)  | •                    |
| <u>File list:</u>   |         | Refresh List         |
| Title   | Version | Size 📩               |
| P-touch Editor  | 5.0.122 | 22.8 MB              |
|   |         | ×                    |
|   | G 0     | ick here for details |
|   | Install | Close                |

4 A message appears indicating that the installation has finished.

## Update P-touch Editor Lite (Windows only) and the Firmware

#### IMPORTANT

- · Before updating the firmware you must install the printer driver.
- · Do not turn off the power when transferring data or updating firmware.
- If another application is running, exit the application.

#### **For Windows**

- Turn the printer On and connect the USB cable.
  - Start the P-touch Update Software.
    - For Windows 7:

Double-click the P-touch Update Software icon.



The following method can also be used to start P-touch Update Software: Click Start > All Programs > Brother P-touch > P-touch Update Software.

For Windows 8 / Windows 8.1:

Click **P-touch Update Software** on the **Apps** screen or double-click **P-touch Update Software** on the desktop.

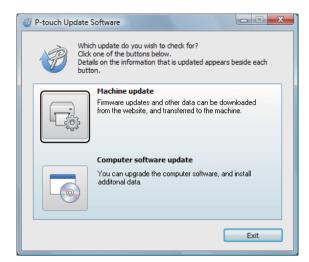
#### For Windows 10:

Click Start > Brother P-touch > P-touch Update Software, or double-click P-touch Update Software on the desktop.



How to Update P-touch Software

3 Click the **Machine update** icon.



4 Select the **Printer**, make sure that **The machine is connected correctly.** message appears, and then click **OK**.

| P-touch Update Software  |
|--|
| The status of the machine connection will be checked.<br>Select the model being used.  |
| Printer:   |
| The machine is connected correctly.<br>Click the "OK" button.<br>"If multiple units of the same model are connected, all operations will be<br>applied to all units. |
| OK Cancel  |

12

5 Select the Language, select the check box next to the firmware you want to update to, and then click **Transfer**.

#### IMPORTANT

Do not turn the printer off or disconnect the cable during data transfer.

| P-touch Up         | date Software  |       | - C X    |
|--------------------|--|-------|----------|
| <u>File T</u> ools | Help   |       |          |
|                    | The latest compatible software and<br>transferred to the machine.<br>Select the desired items, and then dick the |       |          |
| Printer:           | XX - XXXX  |       | -        |
| Language:          | English(United Kingdom)  |       | •        |
| Eile list:         |  | Refre | esh List |
| Title              | Versio   | on Si | ze       |
|                    | a (16mm/578n) LaberCollecters 11   | 1     | 20KB     |
|                    |  |       |          |
|                    |  |       |          |
|                    |  |       |          |
|                    |  |       |          |
|                    |  |       |          |
|                    |  |       |          |
|                    |  |       |          |
|                    | Transfer   |       | Close    |

6 Check the content to be updated, and then click **Start** to begin the update. The firmware update begins.

#### IMPORTANT

Do not turn the printer off or disconnect the cable during the update process.

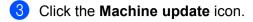
#### For Mac

1 Turn the printer On and connect the USB cable.

2 Double-click Macintosh HD > Applications > P-touch Update Software, and then double-click the P-touch Update Software application icon.



How to Update P-touch Software





4 Select the Printer, make sure that The machine is connected correctly. message appears, and then click OK.

5 Select the Language, select the check box next to the firmware you want to update to, and then click **Transfer**.

#### IMPORTANT

Do not turn the printer off or disconnect the cable during data transfer.

6 Check the content you want to update, and then click **Start** to begin the update. The firmware update begins.

#### 🖉 Note

Do not turn the printer off during the update process.

## **Section III**



# Appendix

| Reset the Label Printer                            | 102 |
|--|-----|
| Maintenance  | 103 |
| Troubleshooting                                    | 105 |
| Product Specifications                             | 113 |
| Software Development Kit                           | 114 |
| Notes on Using P-touch Transfer Manager            | 115 |
| List of Barcodes for the P-touch Template Function | 116 |

**13** Reset the Label Printer

Reset the internal memory of your printer to clear all the saved label files, or if the printer is not operating correctly.

#### **Reset All Settings to the Factory Settings Using the Label Printer Buttons**

To reset the printer, do the following:

- Turn the printer off.
- Press and hold the Power (小) and Cutter (※) Buttons for about one second. The Status LED lights in orange and the Editor Lite LED flashes in green.
- $(\mathbf{3})$  Continue holding down the Power  $(\mathbf{(1)})$  Button, and press the Cutter ( $\otimes$ ) Button six times.
- Release the Power (()) Button. The Status LED flashes orange and the Editor Lite LED flashes green four times. Then, the Status LED lights in orange and the Editor Lite LED lights in green.

#### **Reset Data Using the Printer Setting Tool**

You can also use the Printer Setting Tool from your computer to reset all printer settings to the factory settings.

For more information, see Factory Reset on page 24.

# 4 Maintenance

We recommend cleaning your printer on a regular basis to maintain its correct performance.

🖉 Note

Always disconnect the AC Power Cord before cleaning the printer.

#### **Clean the Exterior of the Unit**

Wipe any dust and marks from the main unit using a soft, dry cloth.

Use a cloth slightly damp with water on difficult to remove marks.

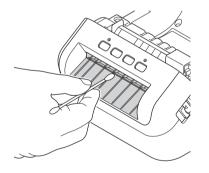


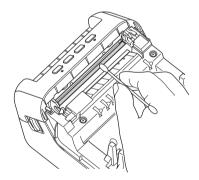
Do not use paint thinner, benzene, alcohol or any other organic solvent.

These may deform or damage the printer case.

#### **Clean the Label Outlet**

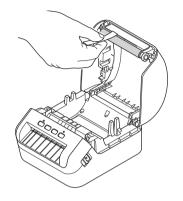
If a label causes the machine to jam due to adhesive residue attached to the label outlet, disconnect the AC Power Cord from the machine and clean it with a cloth or cotton swab dipped in alcohol.





#### **Clean the Roller**

Cut the DK label and peel the backing from the label. Then, place the adhesive side of the label against the roller and remove the dirt.



#### **Self-Cleaning Print Head**

The DK Roll (thermal recording paper type) used with the machine is designed to clean the print head automatically. When the DK Roll passes the print head during printing and label feeding, the print head is cleaned.

## **15** Troubleshooting

#### Overview

This chapter explains how to resolve typical problems you may encounter when using the label printer. If you have any problems with the printer, first make sure you have performed the following tasks correctly:

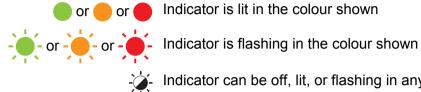
- Connect the printer to an electrical socket. For more information, see *Connect the Power Cord* on page 4.
- Remove all protective packaging from the printer.
- Install and select the correct printer driver. For more information, see Install Printer Drivers and Software on a Computer on page 9.
- Connect the printer to a computer or mobile device. For more information, see Connect the Label Printer to a Computer on page 9.
- Close the DK Roll Compartment Cover completely.
- Insert a DK Roll correctly. For more information, see *Load the DK Roll* on page 5.

If you still have problems, read the troubleshooting tips in this chapter for help. If, after reading this chapter, you are unable to resolve your problem, visit the Brother Solutions Center at <u>support.brother.com</u>.

Troubleshooting

### **LED** Indications

The indicators light and flash to indicate the printer's status.



Indicator is lit in the colour shown

Indicator can be off, lit, or flashing in any colour

Indicator is off

| Status LED           | Editor Lite LED | Condition   |
|----------------------|-----------------|---|
|                      |                 | Power is Off  |
|                      |                 | Idle mode   |
|                      |                 | Initialising mode   |
|                      | -``@-           | Feeding mode  |
|                      |                 | Printing mode   |
|                      |                 | Cutting mode  |
|                      |                 | P-touch Editor Lite mode  |
| <u> </u>             | ×               | Receiving data  |
|                      | -,              | Cancelling the print job  |
|                      | -`~-            | The DK Roll Compartment Cover is open. Close the DK Roll Compartment Cover correctly.                                       |
|                      |                 | The printer settings are being reset.   |
| -                    |                 | For more information, see <i>Reset All Settings to the Factory</i><br>Settings Using the Label Printer Buttons on page 102. |
|                      |                 | System Off mode   |
| <u> </u>             | -``.            | If the orange light flashes at 0.5 second intervals, the printer is in Cooling mode.  |
|                      |                 | Data overwrite mode   |
|                      |                 | The printer is in Boot mode.  |
|                      |                 | Contact Brother customer service.   |
|                      |                 | Roll end error  |
|                      |                 | No media error  |
|                      |                 | Wrong media error   |
|                      | -``@            | Feed error  |
| (Once for 2 seconds) |                 | Cover open error  |
|                      |                 | Transferred data error  |
|                      |                 | Memory full error   |

#### Troubleshooting

| Status LED                            | Editor Lite LED  | Condition  |
|---------------------------------------|------------------|--|
| · · · · · · · · · · · · · · · · · · · |                  | Cutter error   |
|                                       |                  | USB host power supply excessive voltage error  |
| (Twice for 2 seconds)                 |                  | USB host unsupported device connection error   |
| (Three times for 2.5 seconds)         | - <del>`</del> . | USB host hub connection error  |
| (Flashes rapidly <sup>1</sup> )       |                  | System error<br>When you press a button other than the Power (()) Button, the<br>flash pattern changes according to the cause of the error. Contact<br>Brother customer service. |

Rapidly = at 0.3 second intervals.

1

#### **Printing Problems**

| Problem  | Solution  |  |
|--|---|--|
| The Status LED is not lit.   | Is the AC Power Cord inserted correctly?<br>Check that the AC Power Cord is inserted. If it is inserted correctly, try plugging<br>it into another electrical socket.   |  |
| The printer does not print, or a printing error is received.   | Is the cable loose?     Check that the cable is connected securely.   |  |
|  | <ul> <li>Is the DK Roll installed correctly?<br/>If not, remove the DK Roll and reinstall it.</li> </ul>  |  |
|  | <ul> <li>Is there enough roll remaining?<br/>Check that there is enough roll remaining.</li> </ul>  |  |
|  | <ul> <li>Is the DK Roll Compartment Cover open?<br/>Check that the DK Roll Compartment Cover is closed.</li> </ul>  |  |
|  | <ul> <li>Has a print error or transmission error occurred?<br/>Turn the printer Off and then turn it On again. If there is still a problem,<br/>contact your Brother customer service.</li> </ul>   |  |
|  | <ul> <li>If the printer is connected via a USB hub, try connecting it directly to the<br/>computer. If not, try connecting it to another USB port.</li> </ul>   |  |
| The printed label contains streaks or<br>poor quality characters, or the label is<br>not fed correctly.  | Is the print head or roller dirty?<br>While the print head generally remains clean under normal use, lint or dirt from<br>the roller may become stuck on the printer head.<br>If this occurs, clean the roller.<br>For more information, see <i>Clean the Roller</i> on page 104. |  |
| A data transmission error appears on the computer.   | Is the printer in cooling mode (the Status LED is flashing in orange)?<br>Wait until the Status LED stops flashing and then try printing again.   |  |
| Labels are jammed in the cutter.   | Contact Brother customer service.   |  |
| The label is not ejected correctly after   | Check that the Label Output Slot is not blocked.  |  |
| printing.  | <ul> <li>Check that the DK Roll is set correctly by removing the DK Roll and<br/>reinstalling it.</li> </ul>  |  |
|  | <ul> <li>Ensure that the DK Roll Compartment Cover is closed correctly.</li> </ul>  |  |
| I want to cancel the current printing job.   | Make sure that the printer is On, and press the Power (()) Button.  |  |
| The print quality is poor.   | Is there dirt or lint on the roller preventing it from rolling freely?<br>For more information, see <i>Clean the Roller</i> on page 104.  |  |
| After replacing the Roll while the<br>Add-In feature was activated, the<br>layout style was not updated. | Close P-touch Editor to exit the Add-In, and then reactivate the Add-In.  |  |
| The P-touch Add-In icon is not   | Is Microsoft Word started up from Microsoft Outlook?  |  |
| displayed in Microsoft Word.   | <ul> <li>Is Microsoft Word chosen as the default editor for Microsoft Outlook?<br/>Due to program limitations, the Microsoft Word Add-In does not work with<br/>the above settings. Quit Microsoft Outlook, and restart Microsoft Word.</li> </ul>                                |  |
| Received data in buffer  | Print data is saved in the buffer. If the printer has not received the complete data, printing will not start.  |  |
|  | Turn the printer off, and then turn it on again.  |  |

| Problem  | Solution  |  |  |
|--|---|--|--|
| The printer is in cooling mode                             | The thermal head is too hot.  |  |  |
|  | The printer stops and resumes printing only after the thermal head has cooled down. The head may become too hot if you are printing a large number of labels.   |  |  |
|  | When the thermal head becomes too hot, it may produce imaging outside the print area. To avoid or delay overheating, make sure the printer has adequate ventilation and is not located in an enclosed space.                        |  |  |
|  | If the printer must cool down because it overheated due to the type of DK Roll you are using or the contents of the label, printing may take longer than usual.   |  |  |
|  | Note  |  |  |
|  | This condition may occur more often when the printer is used at high altitude (more than 10,000 ft (3,048 m)) due to a lower air density available to cool the printer.   |  |  |
| DK Roll errors   | Check the following:  |  |  |
|  | You are using the correct DK Roll.  |  |  |
|  | <ul> <li>There are enough labels remaining.</li> </ul>  |  |  |
|  | The DK Roll is installed correctly.   |  |  |
| Cutter error   | If a cutter error occurs, keep the DK Roll Compartment Cover closed and press   |  |  |
|  | the Power (()) Button. The cutter moves back to the normal position and the printer turns off automatically.<br>After the printer is Off, check the label outlet and remove any jammed labels.<br>Contact Brother customer service. |  |  |
| Unable to reset an error                                   | To reset an error:  |  |  |
|  | 1 Open the DK Roll Compartment Cover, and then close it.  |  |  |
|  | 2 If the error is not reset, press the Cutter (⅔) Button.   |  |  |
|  | 3 If the error is not reset, turn the printer off, and then turn it on again.   |  |  |
|  | 4 If the error is not reset, contact Brother customer service.  |  |  |
| I want to reset the printer.                               | You can reset the printer using the Printer Setting Tool from a computer.   |  |  |
|  | For more information, see Change the Label Printer Settings on page 19.   |  |  |
|  | You can reset the printer using the Printer buttons.  |  |  |
|  | For more information, see <i>Reset All Settings to the Factory Settings Using the Label Printer Buttons</i> on page 102.  |  |  |
| After exiting P-touch Editor Lite, how                     | There are three ways to restart the application:  |  |  |
| do I restart the program while the<br>printer is still on? | <ul> <li>Turn the printer off and then turn it on again.</li> </ul>   |  |  |
|  | <ul> <li>Disconnect and then reconnect the USB cable while the printer is On.</li> </ul>  |  |  |
|  | <ul> <li>Launch P-touch Editor Lite from My Computer.</li> </ul>  |  |  |

| Problem  | Solution  |  |  |  |  |
|--|---|--|--|--|--|
| When printing via the USB cable, the                   | Is the printer set for sequential printing?   |  |  |  |  |
| printer repeatedly pauses and then continues printing. | If so, set print mode to buffered printing.   |  |  |  |  |
| continues printing.                                    | For Windows 7:  |  |  |  |  |
|  | Open the printer properties by clicking <b>Start &gt; Devices and Printers</b> , right-clicking the printer you want to set up, and then clicking <b>Printing preferences</b> .   |  |  |  |  |
|  | Click the <b>Other</b> tab and select the option <b>After one page of data is</b> received.   |  |  |  |  |
|  | For Windows 8 / Windows 8.1:  |  |  |  |  |
|  | Open the printer properties by clicking <b>Control Panel</b> in the <b>Apps</b> screen ><br><b>Hardware and Sound &gt; Devices and Printers</b> , right-clicking the printer<br>you want to set up, and then clicking <b>Printing preferences</b> .   |  |  |  |  |
|  | Click the <b>Other</b> tab and select the option <b>After one page of data is</b> received.   |  |  |  |  |
|  | For Windows 10:   |  |  |  |  |
|  | Open the printer properties by clicking Start > Settings > Devices ><br>Printers & scanners > Devices and Printers, right-clicking the printer you<br>want to set up, and then clicking Printing preferences.<br>Click the Other tab and select the option After one page of data is<br>received. |  |  |  |  |
|  | Basic Advanced Other Crop Print   |  |  |  |  |
|  | Unit:   |  |  |  |  |
|  | Start printing:   Immgdiately after starting to receive data  |  |  |  |  |
|  | After one page of data is received  |  |  |  |  |
|  | Default   |  |  |  |  |
|  | For Windows   |  |  |  |  |

| Problem                          | Solution  |  |
|----------------------------------|---|--|
| Printed barcodes cannot be read. | Print labels so that barcodes are aligned with the print head as shown<br>below:  |  |
|                                  |   |  |
|                                  |   |  |
|                                  | 1 Print head  |  |
|                                  | 2 Barcodes  |  |
|                                  | 3 Printing orientation  |  |
|                                  | Barcodes may not be read if they are reduced or enlarged.   |  |
|                                  | Try using another scanner.  |  |
|                                  | We recommend printing barcodes with Print Quality options set to Give<br>priority to print quality.   |  |
|                                  | For Windows 7:  |  |
|                                  | To display the <b>Quality</b> options, open the printer properties by clicking <b>Start</b> > <b>Devices and Printers</b> , right-clicking the printer you want to set up, and then clicking <b>Printing preferences</b> .  |  |
|                                  | For Windows 8 / Windows 8.1:  |  |
|                                  | To display the <b>Quality</b> options, open the printer properties by clicking <b>Control</b><br><b>Panel</b> in the <b>Apps</b> screen > <b>Hardware and Sound</b> > <b>Devices and Printers</b> ,<br>right-clicking the printer you want to set up, and then clicking <b>Printing</b><br><b>preferences</b> . |  |
|                                  | For Windows 10:   |  |
|                                  | To display the <b>Quality</b> options, open the printer properties by clicking <b>Start</b> > <b>Settings</b> > <b>Devices</b> > <b>Printers &amp; scanners</b> > <b>Devices and Printers</b> , right-clicking the printer you want to set up, and then clicking <b>Printing preferences</b> .                  |  |
|                                  | For Mac:  |  |
|                                  | To change the Print Quality options, open the <b>Print</b> dialog box and select <b>Basic</b> from the print options pop-up menu.   |  |

| Problem   | Solution |   |                   |  |
|---|----------|---|-------------------|--|
| Barcodes printed using applications other than P-touch Editor cannot be read. |          |   |                   | andscape orientation, change the<br>e printer driver to <b>Landscape</b> and try |
|   |          | brother xx-xxxx                               |                   | SolutionsCenter  |
|   |          | 99.8 mm                                       | Basic Advanced    | Other Crop Print   |
|   |          | ABC 62.0 mm                                   | Paper Size:       | 52mm x 100mm   |
|   |          | ADC   | Width:<br>Length: | 62.0 mm  |
|   |          |   | Eeed:             | 3.0 <u>-</u> mm  |
|   |          | Paper Size: 62mm x 100mm<br>Copies: 1         | Orientation:      | C Portrait C Landscape   |
|   |          | Quality:                                      | Copies:           | 1 ÷ Colate   |
|   |          | Give priority to print speed<br>300 x 300 dpi | Quality:          | Give priority to print speed   |
|   |          | Option:                                       | Option:           | Cut Every  |
|   |          | Trim tape: Off                                |                   | Cut at end   |
|   |          | Halftone: Error Diffusion                     |                   | Mirror Printing     Trim tape after_data   |
|   |          | Brightness: 0                                 |                   |  |
|   |          | Contrast: 0<br>Distributed Printing: Off      |                   |  |
|   |          |   |                   | Default  |
|   |          | Support                                       |                   | OK Cancel  |
|   |          | Į   |                   |  |

#### **Version Information**

| Problem  | Solution  |  |
|--|---|--|
| I do not know the version number of                                      | To check for the latest firmware:   |  |
| the firmware for the printer.  | 1 Turn your printer on.   |  |
|  | 2 Press and hold the Cutter ( $\ll$ ) Button for several seconds to print the report.                         |  |
|  | We recommend you use a 62 mm or wider DK Roll.  |  |
| I want to confirm whether I am using the latest version of the software. | Use the P-touch Update Software to confirm whether you have the latest version.                               |  |
|  | For more information about the P-touch Update Software, see <i>How to Update P-touch Software</i> on page 95. |  |

### **Label Printer Specifications**

| WeightApprLED IndicatorsStatus LED (green, orange, red), EditButtonsPower Button, Feed Button, Cutter Button, Cutter ButtonPrintingMethodDirectPrint head300 cPrint resolution300 cPrinting speedMax.<br>ActualMaximum printing capability<br>(width)101.6<br>Dependinform   | oximately 1,715 g (v   |   |  |
|--|--|---|--|
| LED Indicators         Status LED (green, orange, red), Edit         Buttons         Power Button, Feed Button, Cutter Button         Printing         Method       Direct         Print head       300 cm         Print resolution       300 cm         Printing speed       Max.         Maximum printing capability (width)       101.6         Note       Depending      | tor Lite LED (green)   |   |  |
| Status LED (green, orange, red), EditButtonsPower Button, Feed Button, Cutter ButtonPrintingMethodDirectPrint head300 cPrint resolution300 cPrinting speedMax.<br>ActualMaximum printing capability<br>(width)101.6<br>Dependinform<br>Note  |  |   |  |
| Buttons         Power Button, Feed Button, Cutter Button, Feed Button, Cutter Button, Feed Button, Cutter Button, Method         Printing         Method       Direction         Print head       300 cm         Print resolution       300 cm         Printing speed       Max.         Maximum printing capability (width)       101.6         Dependent       Information |  |   |  |
| Power Button, Feed Button, Cutter Brinting         Method       Direct         Print head       300 c         Print resolution       300 c         Printing speed       Max.         Maximum printing capability (width)       101.6         Dependent       Information   | utton, Editor Lite Bu  |   |  |
| PrintingMethodDirectPrint head300 cPrint resolution300 cPrinting speedMax.<br>ActualMaximum printing capability<br>(width)101.6<br>Dependinform<br>Note  | utton, Editor Lite Bu  |   |  |
| MethodDirectPrint head300 cPrint resolution300 cPrinting speedMax.<br>ActualMaximum printing capability<br>(width)101.6<br>Dependinform<br>Note  |  | tton  |  |
| Print head300 cPrint resolution300 cPrinting speedMax.<br>ActualMaximum printing capability<br>(width)101.6<br>Dependinform<br>Note  |  |   |  |
| Print resolution300 cPrinting speedMax.<br>ActualMaximum printing capability<br>(width)101.6<br>Dependinform<br>Note   | t thermal printing vi  | a thermal head  |  |
| Printing speed Max.<br>Actual<br>Maximum printing capability 101.6<br>(width) Dependinform<br>Note   | 300 dpi / 1296 dots  |   |  |
| Actual<br>Maximum printing capability 101.6<br>(width) Dependent<br>inform<br>Note   | 300 dpi × 300 dpi  |   |  |
| Maximum printing capability 101.6<br>(width) Dependent<br>inform<br>Note   | 110 mm/s   |   |  |
| (width) Depe<br>inform<br>Note   | al print speed varies  | s depending on the conditions.                                |  |
| inform<br>Note   | 6 mm   |   |  |
| Note   | ending on your envir<br>mation, visit <u>suppor</u>  | ronment, you may not be able print in full width. For more    |  |
|  |  | et trimmed if insufficient margins are set.                   |  |
|  |  | g   |  |
| USB Versi  | ion 2.0 Full Speed (   | Peripheral)   |  |
| USB Host HID o   | class  |   |  |
| Power Supply   |  |   |  |
| Power Supply 220 V   | V-240 V AC 50/60 H   | Iz 1.2 A  |  |
| Auto Power Off None  | None/1/2/4/8/12 Hours  |   |  |
|  | (To change the Auto Power Off setting, see <i>Change the Label Printer Settings</i> on page 19.) |   |  |
| Other  |  |   |  |
| Cutter Dura  | Durable automatic cutter   |   |  |
|  | ating<br>erature/humidity  | 10°C to 35°C / 20% to 80% (Maximum wet-bulb temperature 27°C) |  |
| Stora<br>temp  | ige  | -20°C to 60°C / 5% to 95% (Maximum wet-bulb                   |  |
| Compatible Operating Systems   | erature/humidity   | temperature 45°C)   |  |
| See support.brother.com for a complete   | erature/humidity   | temperature 45°C)   |  |

# **17** Software Development Kit

A Software Development Kit (SDK) is available. Visit the Brother Developer Center (brother.com/product/dev).

The b-PAC SDK and the SDKs for mobile devices (Android only) can also be downloaded. (The SDKs available are subject to change without notice.)

## **18** Notes on Using P-touch Transfer Manager

Because some P-touch Editor functions are not available with the label printer, keep the following points in mind when using P-touch Editor to create templates.

You can check a preview of the printed template before the created template is transferred to the printer. For more information, see *Transfer the Template to P-touch Transfer Manager* on page 70.

#### **Notes on Creating Templates**

- Some of the text in the template that is transferred to the printer will be printed using similar fonts and character sizes that are loaded in the printer. As a result, the printed label may differ from the image of the template created in P-touch Editor.
- Depending on the text object setting, the character size may be automatically reduced or some of the text may not be printed. If this occurs, change the text object setting.
- Although character styles can be applied to individual characters with P-touch Editor, styles can be applied to a block of text only with the printer. In addition, some character styles are not available on the printer.
- Backgrounds specified with P-touch Editor are not compatible with the printer.
- A P-touch Editor layout that uses the split printing function (enlarging the label and printing it on two or more labels) cannot be transferred.
- Only the portion of the label within the printable area is printed.
- Fields that overflow the print area may not be printed completely.

#### **Notes on Transferring Templates**

- The printed label may differ from the image that appears in the preview area of P-touch Transfer Manager.
- If a barcode not loaded on the printer is transferred to the printer, the barcode will be converted into an image if it is a 2-dimensional barcode. The image of the converted barcode cannot be edited.
- All transferred objects that cannot be edited by the printer are converted into images.
- Grouped objects will be converted into a single bitmap.

#### Notes on Transferring Data Other Than Templates

- If the number or order of fields in a database is changed and only the database (.csv file) is transferred to update it, the database may not link correctly with the template. In addition, the first line of data in the transferred file must be recognised by the printer as "field names".
- Logos, symbols, and graphics downloaded to the printer will automatically be scaled to the resident font or any of the resident symbols in the library.

# **19** List of Barcodes for the P-touch Template Function

#### **General Procedure for the P-touch Template Function**

The general procedure for using the P-touch Template function is described below.

For more information on specifying the various settings, see *Print Labels Using P-touch Template* on page 35.

Before connecting a barcode scanner to this label printer, make sure that the barcode scanner settings match the settings in the P-touch Template Settings tool that is specified during preparation. For more information, see *Preparation* on page 36.

- 1 Use P-touch Editor to create a template and then transfer it to the printer.
- 2 Connect the barcode scanner to the printer.
- **3** Scan the *P-touch template command* barcode to specify new settings or clear the previous settings.
- 4 Scan the Basic settings barcode to specify the setting you want.
- 5 Specify the appropriate settings (A, B, or C).

#### A. Standard Template Printing

1 Scan the Preset template number barcode.

#### **B. Advanced Template Printing**

- 1 Scan the Select template barcode, and then scan the barcodes under For entering numbers.
- 2 Scan the barcode whose data you want to use or copy.
- 3 Scan the Begin printing barcode.

#### C. Database Lookup Printing

- 1 Scan the Select template barcode, and then scan the barcodes under For entering numbers.
- 2 Scan the key barcode for the database data.
- 3 Scan the *Delimiter* barcode.
- 4 Scan the *Begin printing* barcode.
- 6 The specified label is printed.

### List of Barcodes for Specifying Settings

For more information about using these barcodes for specifying the printer settings, see *Print Labels Using P-touch Template* on page 35.



- When using the barcodes in this list, set **Trigger for P-touch Template Printing** and **Command Prefix Character** to the factory settings in the P-touch Template Settings tool.
- Make sure you print the barcodes at a high resolution so that the barcode scanner can read them correctly to print the labels you want.
- P-touch template command (initialise + begin specifying settings)



Basic settings

Auto cut on (Cut every one label) + Cut at end on



Auto cut off + Cut at end on



Give priority to print speed



Number of copies



Auto cut on (Cut every two labels) + Cut at end on



Auto cut off + Cut at end off

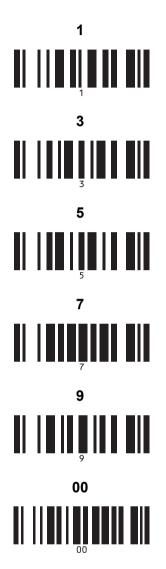


Give priority to print quality

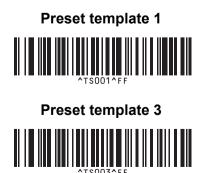


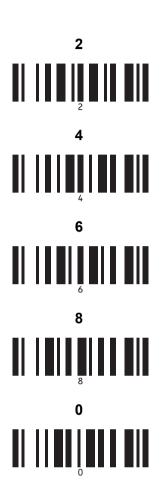
List of Barcodes for the P-touch Template Function

For entering numbers <sup>1</sup>



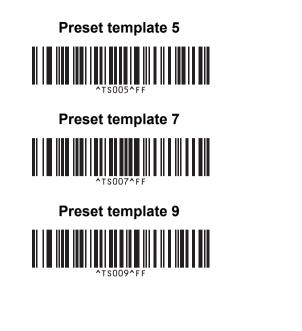
Preset template number

















Select template



Serialised



Delimiter



Initialise



Begin printing

1



These are used when specifying the number of copies printed and when selecting a template number.

Scan barcodes to specify a three-digit number, such as [0][0][7] or [0][1][5]. The setting is automatically applied when three digits have been specified.

To change settings, scan the "Number of copies" barcode again when changing the number of copies or scan the "Select template" barcode again when changing the template number, and then scan the barcodes for the new three-digit number.

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