brother

TZe TAPE *P-touch*

PT-D410

D033NK001

The keyboard layout may vary by country.

Thank you for purchasing the PT-D410 (hereafter referred to as "the Label Printer"). Your PT-D410 produces professional, high-quality, durable labels. In addition, the variety of tape cartridges available allows you to print labels with different widths and exciting colours.
Please read this guide, including the *Product Safety Guide* section, before using this Label Printer. After reading this guide, keep it in a safe place.

For FAQs, troubleshooting, and to download software and manuals, visit support.brother.com.

Supplies

Brother TZe Tape Cassette	Available widths: 3.5 mm, 6 mm, 9 mm, 12 mm, 18 mm
Head Cleaning Tape Cassette	TZe-CL4

Product Safety Guide

Safety Precautions

Be sure to read this section before using the product. It contains important safety instructions. We recommend that you keep this document nearby for future reference.

- For servicing, adjustments, or repairs, contact Brother customer service or your local Brother dealer.
- If the product operates abnormally or any error occurs, or if any cable is damaged, turn the product off, disconnect all cables, and contact Brother customer service or your local Brother dealer.
- We assume no responsibility for damages arising from earthquakes, fire, other disasters, actions of third parties, the user's intentional or negligent operation, misuse, or operation under other special conditions.
- We assume no responsibility for damage (such as losses, loss of business profit, lost profits, business disruptions, or a lost means of communication) that may result from the use of, or inability to use, the product.
- We assume no responsibility for damages that may result from incorrect operation of the product by connecting incompatible equipment or using incompatible software.
- We assume no responsibility for any damages or lost profit arising from the use of labels created with this product, the disappearance or change of data due to failure, repair, or consumables and we do not accept any claim from a third party.
- Brother reserves the right to make changes without notice in the specifications and materials contained herein. Furthermore, Brother 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.
- For more information about the available software, see the *User's Guide* on the Brother support website at support.brother.com.
- The latest version of your product documentation is available on the Brother support website at support.brother.com.
- The available models, accessories, and supplies may vary depending on the country or region.
- This product is approved for use in the country or region of purchase only.

⚠ **WARNING** Failure to observe instructions and warnings could result in death or serious injuries.

- DO NOT operate, charge, or store the Label Printer, AC Adapter, USB Cable, and Alkaline Batteries in the following locations (otherwise a fire, electrical shock, smoke, or damage may occur):
  - Near water, such as in a bathroom or near a water heater, or in an extremely humid or cold location.*
  - In a location where it is exposed to rain or moisture.
  - In an extremely dusty location.
  - In an extremely hot location, such as near open flames, heaters, or in direct sunlight.
  - In a closed car in direct sunlight.
  - In a location where condensation may form.
  - At a high altitude.
  - During a thunderstorm.
- DO NOT use the Label Printer with a foreign object in it. If water, a metal object, or any other foreign object enters the Label Printer, disconnect the AC Adapter and remove the batteries (if installed), and then contact your local Brother dealer for repairs.
- If foreign objects are inserted into the Label Printer or its slots, connectors, ports, or Battery Compartment, stop using the Label Printer, turn the power off, and then disconnect each cable or remove the batteries (if installed).
- Stop using the Label Printer if there are noticeable abnormalities such as smell, heat, noise, deformities, or discolouration.
- DO NOT use a damaged AC Adapter.
  To avoid damaging the Label Printer, AC Adapter, USB Cable, or Alkaline Batteries, DO NOT:
  - Place heavy objects on them.
  - Dissamble or modify them.
  - Drop or hit them.
  - Allow them to get wet, for example, by handling them with wet hands or spilling liquids on them.
- DO NOT allow babies and children to play with the plastic bag that contained the Label Printer.
  Dispose of the bag or keep it away from babies and children. There is a risk of suffocation.

  * For more information, see the "Specifications" section in your model's *User's Guide*.

- DO NOT forcibly bend or pull the USB Cable or AC Adapter.
- DO NOT touch the AC Adapter or plug with wet hands, otherwise an electrical shock may occur.
- Use only the specified AC Adapter.
- Use only the AC Adapter and USB Cable included with your Label Printer. Failure to do so may result in an injury to yourself or others, or damage to the Label Printer, or other property. Brother does not assume any responsibility for any accident or damage resulting from not using the specified AC Adapter and USB Cable.
- DO NOT connect the included AC Adapter and USB Cable to other products.
- Use the AC Adapter with standard electrical sockets (AC 100 V - 240 V 50/60 Hz).
- Insert the plug firmly into the electrical socket.
- DO NOT use the batteries if they are damaged or leaking.
- Keep batteries away from infants. If batteries are ingested, contact emergency services immediately.
- DO NOT use sharp objects, such as tweezers or a metallic pen, to remove or replace batteries.
- If liquid (electrolyte) from the batteries gets into the eyes, wash them immediately with clean water. Contact emergency services immediately.
- DO NOT solder connections to the batteries.
- DO NOT use the batteries with the polarity (+) (-) reversed.
- DO NOT connect the + and - terminals with metal objects such as wire.
- DO NOT incinerate the batteries or dispose of them with household waste.
- Keep fingers and other body parts away from the Cutter unit.
- DO NOT touch the Cutter unit's blade or insert your fingers inside the Tape Exit Slot, otherwise fingers and other body parts may be injured.
- DO NOT touch any metal parts near the Print Head. The Print Head becomes very hot during and immediately after use. DO NOT touch it directly with your hands.
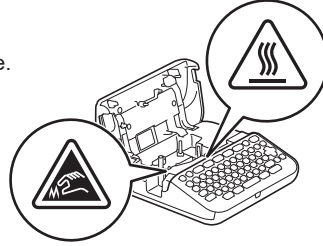
⚠ **CAUTION** Failure to observe instructions and warnings could result in minor or moderate injuries.

Label Printer, USB Cable, AC Adapter, Alkaline Batteries

- Use only the specified AA alkaline batteries (LR6).
- DO NOT use combinations of old and new batteries or combinations of different types, charging levels, manufacturers, or models.
- DO NOT drop the Label Printer when removing it from the box or relocating it, otherwise you may get injured.
- Be careful when closing the Tape Cassette Compartment Cover. There is a risk of injury if your finger gets pinched between the upper and lower parts of the cover.
- When you are not using the Label Printer, store it out of the reach of children. In addition, do not allow children to put the Label Printer parts or labels in their mouths. If any object has been swallowed, seek medical attention immediately.
- DO NOT leave the Label Printer or any tape within the reach of babies and children.
- Store the Label Printer on a flat, level, and stable surface.
- Remove the batteries and disconnect the AC Adapter if you do not intend to use the printer for an extended period of time.
- DO NOT press on the Liquid Crystal Display (LCD).
- When disconnecting the AC Adapter from the electrical socket, always hold the AC Adapter.
- DO NOT overload an electrical circuit with the AC Adapter.
- DO NOT open the Tape Cassette Compartment Cover when operating the Cutter unit.
- DO NOT apply excessive pressure to the Cutter unit.

Regulation

Declaration of Conformity (Europe only)

We, Brother Industries, Ltd.

15-1, Naeshiro-cho, Mizuho-ku, Nagoya 467-8561 Japan
declare that this machine is in conformity with the relevant EU harmonization legislation (Europe only) and UK legislation (Great Britain only).
The Declaration of Conformity (DoC) can be downloaded from our website.
Visit support.brother.com/manuals.

CAUTION
RISK OF EXPLOSION IF BATTERIES ARE REPLACED WITH AN INCORRECT TYPE.
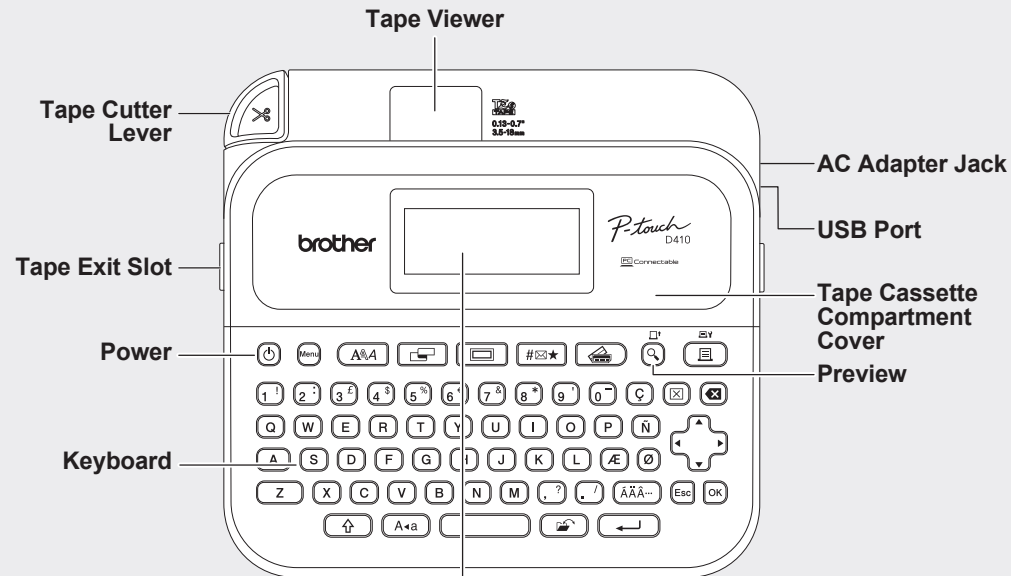DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

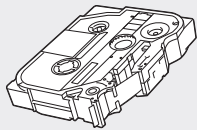Information for compliance with Commission Regulation 801/2013

	PT-D410
Power consumption*	0.6W

* All network ports activated and connected

Before Use

1. Overview

Tape Viewer

Tape Cutter Lever

AC Adapter Jack

Tape Exit Slot

USB Port

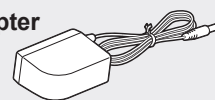**Power**

Tape Cassette Compartment Cover

Preview

Keyboard

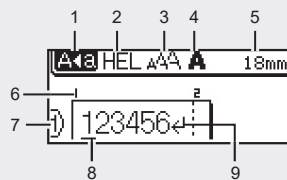**Starter Tape Cassette**

LCD

1. Caps mode
2-4. Font Style Icons
5. Label Length
6. Block number
7. Line number
8. Cursor
9. Return mark

USB Cable

AC Adapter

The components included in the box may differ depending on your country or region.
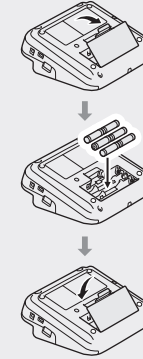
Serial Number Location

Serial Number
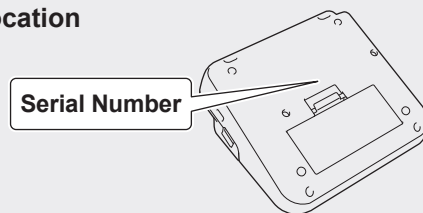
2. Install Batteries or Connect the AC Adapter

Remove the protective material (first use only) before using the Label Printer.

Batteries

AC Adapter

- When using the AC Adapter (AD-E001A):
  - Insert the Adapter cord connector into the AC Adapter Jack on the side of the printer.
  - Insert the plug into the nearest standard electrical socket. For memory backup, we recommend using AA alkaline batteries (LR6) together with the AC Adapter.
- To safeguard and back up the Label Printer's memory, when the AC Adapter is unplugged, keep AA alkaline batteries (LR6) installed in the Label Printer.
- When power is disconnected for more than two minutes, all text and format settings will be cleared. Any text files stored in the memory will also be cleared.
- Remove the batteries if you do not intend to use the Label Printer for an extended period of time.
- Dispose of the batteries at an appropriate collection point, not in the general waste stream. In addition, be sure to observe all applicable federal, state, and local regulations.
- When storing or discarding the batteries, wrap them (for example with cellophane tape), to prevent them from short-circuiting.
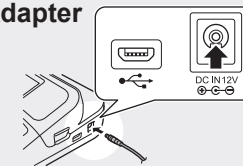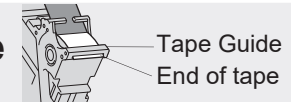
(Battery insulation example)
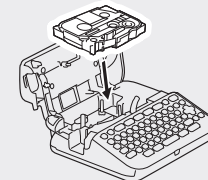1. Cellophane tape
2. Alkaline battery
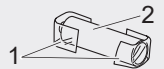
3. Insert the Tape Cassette

Tape Guide

End of tape

- After the tape passes under the Tape Guide, pull the tip to remove any slack in the tape.
- Make sure the tape is not caught in the Label Printer when inserting or removing the Tape Cassette.

1. Insert the Tape Cassette following the illustration under the Tape Cassette Compartment Cover. Confirm that the tip of the tape is pointed at the Tape Exit Slot.

2. Press the Tape Cassette into the Label Printer until it locks into place, and then close the Tape Cassette Compartment Cover.

4. Turn the Power ON or OFF

Power on	Press ⏻.
Power off	Press and hold ⏻ until the Label Printer turns off.

To print from the Label Printer, go to
→ **1. Print from the Label Printer**

To print from your computer, go to
→ **2. Print from Your Computer**

Use the Label Printer

1. Print from the Label Printer

STEP **1** ⟩ Enter Text

STEP **2** ⟩ Preview Labels

STEP **3** ⟩ Print Labels

The default language is "English"

2. Print from Your Computer

Windows

In your browser's address bar, type install.brother and download and install the Printer Driver and P-touch Editor by following the on-screen instructions.

http://install.brother

Mac

Download P-touch Editor from the App Store to print from your Mac. You do not need to download and install any drivers.

Software	Features
Printer Driver	Software required to print from a Label Printer using a Windows computer.
🅟 **P-touch Editor**	Label creation software for computers. This application comes with built-in drawing tools that allow you to print a wide variety of custom labels in complex layouts with text of different fonts and styles, frames, imported images, barcodes, and more.

- When printing from your computer, you must connect the Label Printer and computer with the included USB Cable.
- This Label Printer does not support Wi-Fi connections.

Initial Settings

Language Settings	[Menu]	Set your text entry language. [Menu] → [Menu] / ▾▴ → [Language] → [OK] / [↵] → ▾▴ → Select a language → [OK] / [↵]
Unit Settings	[Menu]	Set the unit for various types of adjustments. [Menu] → [Menu] / ▾▴ → [Unit] → [OK] / [↵] → ▾▴ → [inch] / [mm] → [OK] / [↵]
LCD Contrast	[Menu]	Adjust the LCD contrast to make it easier to read. [Menu] → [Menu] / ▾▴ → [Adjustment] → [OK] / [↵] → ▾▴ → [LCD Contrast] → ◂▸ → [-2] to [+2] → [OK] / [↵]

Enter Text

New Line	[↵]	Press [↵] to start a new line. Maximum number of lines for each tape width: 18 mm: five lines 12 mm: three lines 9 mm, 6 mm: two lines 3.5 mm: one line
Block	[⇧] + [↵]	Use this feature to include multiple lines or font sizes on a single label. Maximum: five blocks
Delete Text and Format	[⌫] or [⊠]	Delete text and formatting. Delete one character at a time [⌫] Delete all characters [⊠] → ▾▴ → [Text Only] → [OK] / [↵] Delete all text and formatting. [⊠] → ▾▴ → [Text & Format] → [OK] / [↵]
Tab	[⇧] + [ ]	Insert a tab. Maximum length: 100 mm
Tab Length	[⌨]	Set the tab length. [⌨] → ▾▴ → [Tab Length] → ◂▸ → Select a value → [OK] / [↵]
Upper-Case Lower-Case	[A↔a]	Switch between upper-case and lower-case characters.

Enter Text (cont.)

Label Length	[⌨]	Set the label length you want. **[Auto]**: Automatically adjusts the label length to the length of the text. [⌨] → ▾▴ → [Length] → ◂▸ → [Auto] / Set a value → [OK] / [↵]
Symbol Characters	[#✉★]	Inserts symbols, units, and pictures. [#✉★] → ▾▴ → Select a category → [OK] / [↵] → ▾▴ ◂▸ → Select a symbol → [OK] / [↵]
Accented Characters	[ÄÄÄ···]	Select an entered character and convert it to an accented character. Enter characters → [ÄÄÄ···] → ◂▸ → Select an accent → [OK] / [↵]
Frame	[▭]	Add a decorative frame to your label. [▭] → ▾▴ / [▭] → Select a frame category → [OK] / [↵] → ▾▴ ◂▸ → Select a frame → [OK] / [↵]

Change Font

Change Font	[A✎A]	Change the label font, size, width, style, and alignment. [A✎A] → ▾▴ / [A✎A] → ◂▸ → Select a font type → ▾▴ → [Size] → ◂▸ → Select the font height → ▾▴ → [Width] → ◂▸ → Select the font width → ▾▴ → [Style] → ◂▸ → Select the font style → ▾▴ → [Align] → ◂▸ → Select the font alignment → [OK] / [↵]
Change Font Line By Line	[⇧] + [A✎A]	Change the line font, size, width, style, and alignment. ▾▴ → Move the cursor to the line you want to change → [⇧] + [A✎A] → ▾▴ → [Font] → ◂▸ → Select a font type → ▾▴ → [Size] → ◂▸ → Select the font height → ▾▴ → [Width] → ◂▸ → Select the font width → ▾▴ → [Style] → ◂▸ → Select the font style → ▾▴ → [Align] → ◂▸ → Select the font alignment → [OK] / [↵]
Auto Fit Style	[Menu]	Automatically adjust the text size to fit the label length. **[Text Size]**: Adjust to the length of the label **[Text Width]**: Adjust by condensing the character width by half [Menu] → [Menu] / ▾▴ → [Auto Fit Style] → [OK] / [↵] → ▾▴ → [Text Size] / [Text Width] → [OK] / [↵]

Set Margins

Set Margins	[⌨]	Set the margins before and after an entered character. **[Small Margin]**: Insert a margin of approx. 23 mm before the first label only, and then insert margins of 2 mm between the subsequent labels. **[Large Margin]**: Insert an initial margin of approx. 25 mm on each edge. **[Chain]**: Print multiple labels with minimal margins. Insert a margin of approx. 23 mm before the first label only, and then insert margins of 2 mm between the subsequent labels. **[No Cut]**: Print multi-part labels or use special tape, and then cut the labels manually. **[Special Tape]**: Use this setting when printing on special tape. [⌨] → ▾▴ → [Cut Option] → ◂▸ → Select the margin type → [OK] / [↵]

Set Auto Format Layouts

Template	[🗋]	Use your favourite designs as templates. [🗋] → ▾▴ → [Templates] → [OK] / [↵] → ▾▴ → Select a template category → [OK] / [↵] → ▾▴ → Select a template → [OK] / [↵] → ▾▴ → [Font] → ◂▸ → Select a font type → ▾▴ → [Style] → ◂▸ → Select a style → [OK] / [↵] → Enter text → [OK] / [↵]
Block Layout	[🗋]	Use block layout patterns as templates. [🗋] → ▾▴ → [Block Layouts] → [OK] / [↵] → ▾▴ → Select the tape width → [OK] / [↵] → ▾▴ → Select a block layout → [OK] / [↵] → ▾▴ → [Font] → ◂▸ → Select a font type → ▾▴ → [Align] → ◂▸ → [Left] / [Center] / [Right] / [Just] → ▾▴ → [Frame] → ◂▸ → [On] / [Off] → [OK] / [↵] → Enter text → [OK] / [↵]

Print Labels

Preview	[🔍]	Use this feature to check the final design before printing.
Print	[🖨]	Start printing. When printing a single label: [🖨] → [🖨] / [OK] / [↵] When printing multiple labels: [🖨] → ▾▴ → Select a print quantity → [🖨] / [OK] / [↵]

Print Labels (cont.)

Numbering Print	⇧ + 📋	Set this feature when printing consecutive alphanumeric characters to add a serialised number to each label.
		Enter alphanumeric characters → ⇧ + 📋 → ▾▴ → [Numbering] → OK / ↵ → ◂▸ → Set the start position → OK / ↵ → ◂▸ → Set the end position → OK / ↵ → ▾▴ → Select a print quantity → 📋 / OK / ↵
Mirror Print	⇧ + 📋	Print reversed from left to right. Print on clear tape and attach it to the inside of glass to create a label that can be read from the outside.
		Enter text → ⇧ + 📋 → ▾▴ → [Mirror] → OK / ↵ → 📋 / OK / ↵
Barcode Printing	Menu	Create a barcode and print it.
		Menu → ▾▴ → [Barcode Setup] → OK / ↵ → ▾▴ → [Protocol] → ◂▸ → Select a Protocol → ▾▴ → [Width] → ◂▸ → [Small] / [Large] → ▾▴ → [Under#] → ◂▸ → [On] / [Off] → OK / ↵ → Enter barcode data → OK / ↵ → [Print] → ▾▴ → Select a print quantity → 📋 / OK / ↵

Other

Tape Feed	⇧ + 🔍	Feed approx. 23 mm of tape to remove any slack.
		⇧ + 🔍
Save	💾	Save your labels and access them later to edit and print them, as well as overwrite and save edited data. Maximum number of saved labels: 50 files Maximum character count per file: 280 characters
		Create a label → 💾 → ▾▴ → [Save] → OK / ↵ → ▾▴ → Select a save destination → OK / ↵
Reset	⇧ + R + ⏻	Reset the internal memory, for example, to reset the Label Printer or delete any saved label data.
		Turn off the machine. Press and hold down ⇧ and R. While holding down ⇧ and R, press ⏻ once and then release ⇧ and R.

For more information about using your Label Printer, see the *User's Guide* on the Brother support website at support.brother.com.
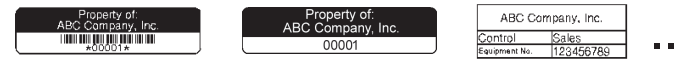
Symbols and Frames

Symbol Examples

Frame Examples

Auto Format Layouts Examples

Accented Character Examples

á à â ä æ ã ą å ã ä   Á À Â Ä Æ Ã Ą Å Ã Ä   ç č ć   Ç Č Ć   ď ð đ   Ď Đ

é è ê ë ę ě ė ē É È Ê Ë Ę Ě Ė Ē ġ ğ Ġ Ğ   í ì î ï į ı ī   Í Ì Î Ï Į Ī Ī   ...

For more information about symbols and frames, see the *User's Guide* on the Brother support website at support.brother.com.

Set Margins

By default the printer creates a margin of approx. 23 mm at the beginning of each label. To reduce this margin, print multiple labels continuously.
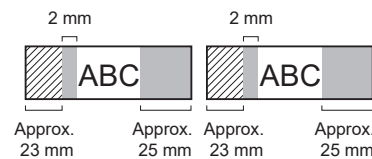You can also change the margin before and after the text for the second and subsequent labels when printing multiple labels.
Select [Chain] to print labels with the narrowest margin width. DO NOT feed the tape until the final label is printed. When the final label prints, feed the tape, and press the Tape Cutter Lever.
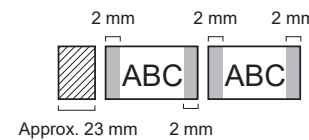
ABC	: Print area

▌ : Margin

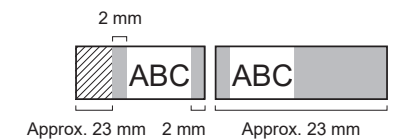▨ : Laminate margin

Large Margin

Small Margin

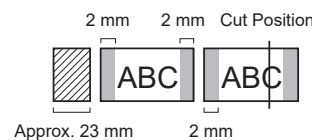When the label length is approx. 23 mm or more

Small Margin

When the label length is approx. 23 mm or less

Chain

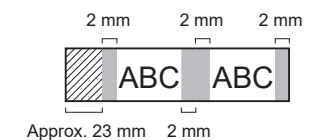### No Cut
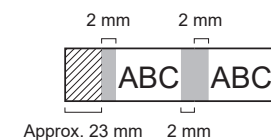
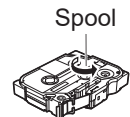### Special Tape

Error Messages

Message	Cause/Remedy
Check no. of digits entered	The number of digits entered in the barcode data does not match the number of digits set in the barcode parameters. Enter the correct number of digits.
Cutter error	The Tape Cutter Lever was pressed while trying to print or feed the tape. If the tape is jammed in the Cutter unit, remove the tape. Turn the Label Printer off and then on again before continuing.
Length limit	The printed label length using the text entered is longer than 999 mm. Edit the text so that the label length is less than 999 mm.
Text too long	The printed label length using the text entered is longer than the length setting. Edit the text to fit within the set length or change the length setting.
System error XX	Contact Brother customer service.

Troubleshooting

If you need additional help, visit support.brother.com.

Problem	Solution
The Label Printer does not print.	• Check that the Tape Cassette is inserted correctly. • If the Tape Cassette is empty, replace it. To order supplies and accessories, visit global.brother/en/gateway. • Check that the Tape Cassette Compartment Cover is securely closed. • Check that the Label Printer is on. • Check that the correct printer driver is installed when printing from a computer. • Connect the Label Printer to your computer using the USB Cable (included) when printing from a computer. • If the Print Head is dirty, clean it with a cotton swab or with the optional Print Head Cleaning Cassette (TZe-CL4).

Troubleshooting (cont.)

Problem	Solution
• The tape does not feed correctly. • The tape gets stuck inside the Label Printer.	• If the tape is bent, cut off the bent section. • If the tape is jammed, remove the Tape Cassette, remove the jammed tape, and then cut off any damaged tape. • Check that the end of the tape exits through the Tape Guide. • Confirm that the tape is pointed at the Tape Exit Slot. • Remove the Tape Cassette and insert it again.
The screen is locked, or the Label Printer does not operate normally.	See the **Basic Operations** section in this guide and reset the Label Printer's internal memory to the factory settings. If resetting the Label Printer does not solve the problem, disconnect the AC Adapter and remove the batteries for more than 10 minutes.
The LCD remains blank after turning the power on.	Check that the batteries are correctly installed or that the AC Adapter included with your Label Printer is correctly connected.
The LCD messages are displayed in a foreign language.	See the **Basic Operations** section in this guide to select your language.
The Label Printer stops while printing a label.	• Replace the Tape Cassette if striped tape is visible as this indicates that you have reached the end of the tape. • Replace all batteries or connect the AC Adapter directly to the Label Printer.
Previously saved label files are not available.	All files saved in the internal memory are deleted if the batteries are weak or the AC Adapter is disconnected.
• I cannot install the Printer Driver even if I follow the correct procedure. • I cannot see my printer listed in P-touch Editor even though I have installed the Printer Driver.	If you cannot use your Label Printer even though you have installed the Printer Driver: 1. Download the Printer Driver Uninstaller from your model's page at support.brother.com. 2. Use the Printer Driver Uninstaller to remove the printer information. 3. Run the Printer Driver Installer again and follow the on-screen instructions to proceed with the installation.
The ink ribbon is separated from the ink roller.	If the ink ribbon is broken, replace the Tape Cassette. If it is not, leave the tape uncut and carefully remove the Tape Cassette, and then wind the loose ink ribbon back onto the spool. Spool

Problem	Solution
Printed barcodes or QR codes cannot be read.	• Change the tape. (Recommended: Black on white tape) • Enlarge the barcodes or QR codes in the application you are using.
I do not know the firmware version of the Label Printer.	Check the firmware information by pressing the following keys: (Menu) → ▾▴ → [Version Information] → (OK) / (⏎)
When the label is printed, there is too much margin (space) on both sides of the text.	• When you use the [Small Margin] setting, the Label Printer feeds approx. 23 mm of tape before each label. To save tape, use the [Chain] setting. After the last label prints, press (⇧) and (🔍) to feed the tape, and then press the Tape Cutter Lever. • The Label Printer feeds approx. 23 mm of tape before every new label. When printing multiple labels, you can reduce the blank space on the second and subsequent labels. Select the [Chain] setting in the optional print settings. Then, print your labels and leave the last label in the Label Printer until you are ready to print a new label. • After the last label prints, press (⇧) and (🔍) simultaneously to feed the tape, and then eject and cut the last label. Note that the Label Printer will feed approx. 23 mm of tape before the next new label when you use this method.
The font size cannot be increased.	The font is already the maximum size for the width of the label. Or, the label length has been set, so there is a limit on the font size to prevent exceeding the set length.
When multiple labels are printed, the last label is cut incorrectly.	When Chain Print is enabled, feed the tape to eject the last printed label, and then press the Tape Cutter Lever to cut the label manually.
I cannot update the printer's firmware using the P-touch Update Software, Transfer Express, or Mac Update Tool.	Restart the printer and then try to update the firmware again. Do not press any buttons during the firmware update.

Contact Information

Visit global.brother/en/gateway for contact information on your local Brother office.

To order supplies and accessories:
www.brother.eu/supplies