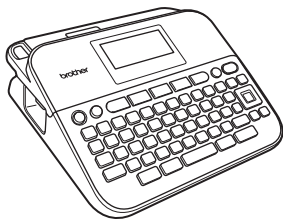# brother

USER'S GUIDE

P-touch

D450

Read this User's Guide before you start using your P-touch.
Keep this User's Guide in a handy place for future reference.
Please visit us at support.brother.com where you can get product support and answers to frequently asked questions (FAQs).

ENGLISH

INTRODUCTION

Thank you for purchasing the P-touch D450.
This manual contains various precautions and basic procedures for using this labeller. Read this manual carefully before using and keep in a handy place for future reference.

Compilation and Publication Notice

Under the supervision of Brother Industries, Ltd., this manual has been compiled and published, covering the latest product's descriptions and specifications.
The contents of this manual and the specifications of this product are subject to change without notice.

If new versions of the PT-D450 software become available, this manual may not reflect the updated features. Therefore, you may find that the software and the contents in this manual are different.

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BROTHER is either a trademark or a registered trademark of Brother Industries, Ltd.

Contents

Safety Precautions

To prevent injury and damage, important notes are explained using various symbols. The symbols and their meanings are as follows:

⚠ **WARNING**	Indicates a potentially hazardous situation which, if not avoided, may result in death or serious injuries.
⚠ **CAUTION**	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injuries.

The symbols used in this manual are as follows:

○	Action NOT allowed	◎	DO NOT touch a given portion of the product
❶	Mandatory action	🔌	Unplugging is required
⊗	DO NOT disassemble the product	⚠	Alerts to the possibility of electrical shock

⚠ WARNING

Follow these guidelines to avoid the risk of fire, burns, injury, electric shocks, rupture, overheating, abnormal odours or smoke.

❶ Always use the specified voltage and the suggested AC adapter (AD-E001) for the P-touch to prevent any damage or failure.

⚠ Do not touch the AC adapter and P-touch during a thunder storm.

○ Do not use the P-touch/AC adapter in places of high humidity such as bathrooms.

○ Do not damage, or place heavy objects on the power cord or plug. Do not forcibly bend or pull the power cord. Always hold the AC adapter when disconnecting from the power outlet.

❶ Make sure that the plug is fully inserted in the power outlet. Do not use an outlet that is loose or damaged.

○ Do not allow the P-touch/AC adapter/power plug/batteries to get wet, for example, by handling them with wet hands or spilling liquids on to them.

❶ Since loss of eyesight may result when leaked fluid from batteries gets into your eyes, immediately rinse your eyes with a large amount of clean water, and then seek medical attention.

⊗ Do not disassemble or modify the P-touch/AC adapter/batteries.

○ Do not allow a metal object to contact both the plus and minus ends of a battery.

○ Do not use sharp objects, such as tweezers or a metallic pen, to change the batteries.

⊗ Do not throw the batteries into fire or expose to heat.

🔌 Disconnect the AC adapter and remove batteries immediately and stop using the P-touch if you notice abnormal odour, heat, discolouration, deformation or anything unusual while using or storing it.

⚠ **WARNING**

○ Do not use a damaged or leaking battery as the fluid may get on your hands.

○ Do not use a deformed or leaking battery or one whose label is damaged. There is a possibility of it generating heat.

⊘ Do not touch metal parts around the print head immediately after printing.

○ When the P-touch is not being used, store it out of the reach of children. In addition, do not allow children to put any P-touch parts or labels in their mouths. If any object has been swallowed, seek medical attention.

❶ Do not use a damaged adapter cord or power plug.

❶ Do not use the P-touch if a foreign object enters the P-touch. If any foreign object enters the P-touch, disconnect the AC adapter and remove the batteries, and contact Brother customer service.

⚠ **CAUTION**

Follow these guidelines to avoid personal injury, liquid leakage, burns or heat.

⊘ Do not touch the cutter blade.

❶ If leaked fluid from batteries gets on your skin or clothes, immediately rinse them with clean water.

❶ Remove the batteries and disconnect the AC adapter if you do not intend to use the P-touch.

○ Do not use a battery other than that specified. Do not use combinations of old and new batteries or combinations of different types, different charging levels, different manufacturers or different models. Do not insert a battery with the polarity (+ and -) reversed.

○ Do not drop or hit the P-touch/ AC adapter.

○ Do not press on the LCD display.

○ Do not put your finger inside the P-touch when you close the tape cassette compartment cover or battery compartment cover.

❶ Before using Ni-MH rechargeable batteries, carefully read the instructions for the batteries and battery charger, and be sure to use them correctly.

❶ When using Ni-MH rechargeable batteries, charge the batteries with a specialised battery charger before using the batteries.

General Precautions

- Depending on the location, 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.
- Do not use the P-touch in any way or for any purpose not described in this guide. Doing so may result in accidents or damage to the P-touch.
- Use Brother TZe tapes with the P-touch.
- Only use a soft, dry cloth to clean the labeller; never use alcohol or other organic solvents.
- Use a soft wipe to clean the print head; never touch the print head.
- Do not put any foreign objects into the tape exit slot, AC adapter connector or USB port, etc.
- Do not place the P-touch/batteries/AC adapter in direct sunlight or rain, near heaters or other hot appliances, in any location exposed to extremely high or low temperatures (e.g., on the dashboard or in the back of your car) or high humidity, or in dusty locations.
- Do not apply excessive pressure to the cutter lever.
- Do not try to print if the cassette is empty; it will damage the print head.
- Do not pull the tape while printing or feeding; it will damage the tape and the P-touch.
- It is recommended that you use the USB cable supplied with the P-touch. Should another USB cable need to be used, ensure it is of high quality construction.
- Any data saved in memory may be lost due to failure or repair of the P-touch, or if the battery expires.
- The P-touch is not equipped with a charging feature for rechargeable batteries.
- The printed text may differ from the text that appears on the LCD.
- The length of the printed label may differ from the displayed label length.
- When power is disconnected for two minutes, all text, format settings and any text files saved in the memory will be cleared.
- You can also use Heat Shrink Tube in this model. Check the Brother website (www.brother.com) for further information. You cannot print frames, pre-set P-touch templates, or use certain font settings when using Heat Shrink Tube. Printed characters may also be smaller than when using TZe tape.
- **A protective clear plastic sticker is placed over the display during manufacturing and shipping. This sticker should be removed prior to use.**

GETTING STARTED

Unpacking Your P-touch

Carton Contents
P-touch
Starter Tape Cassette
AC adapter
USB Cable
User's Guide

LCD Display & Keyboard
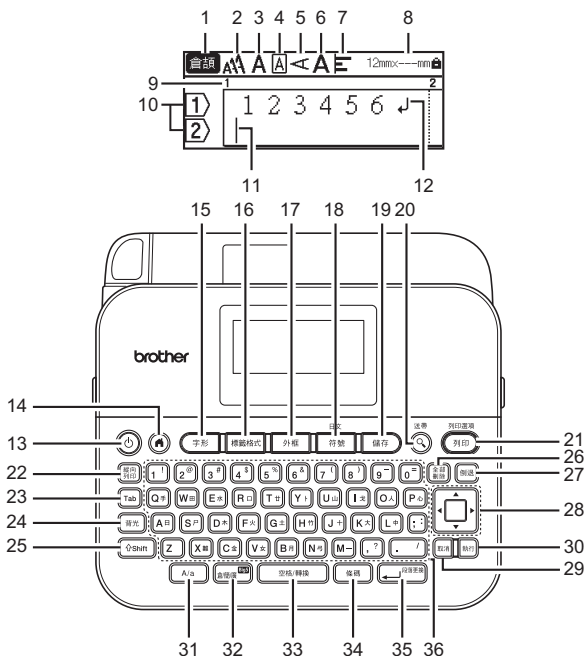
1. Input mode	**22.** 縱向列印
2-7. Style guidance	**23.** Tab
8. Tape width x Label length	**24.** 背光
9. Block number	**25.** Shift
10. Line number	**26.** 全部刪除
11. Cursor	**27.** 倒退
12. Return mark	**28.** Cursor
13. Power	**29.** 取消
14. Home	**30.** 執行
15. 字形	**31.** A/a
16. 標籤格式	**32.** 倉 / 簡 / 廣
17. 外框	**33.** 空格 / 轉換
18. 符號	**34.** 條碼
19. 儲存	**35.** 段落更換
20. 預覽	**36.** Letter
21. 列印	

NOTE

- When the caps mode is on, all characters you type will be in uppercase letters.
- The text that you enter can be up to 280 characters in length.
- Use ($\boxed{\text{⇧Shift}}$) in combination with the letter and number keys to type uppercase letters or the symbols indicated on the upper-right corner of the keys.
- Use ▲ or ▼ with ($\boxed{\text{⇧Shift}}$) to go to the start of the previous or next block.
- Use ◀ or ▶ with ($\boxed{\text{⇧Shift}}$) to go to the start or end of the current line.
- While selecting the settings, press ($\boxed{\text{空格/轉換}}$) to go back to the default item.
- Unless otherwise mentioned, press ($\boxed{\text{取消}}$) to cancel any operation.
- Press ($\boxed{\text{⌂}}$) to return to the home screen.
- Label length shown on the LCD may slightly differ from the actual label length when printed.

Power Supply and Tape cassette

■ When using AC adapter (AD-E001)

Insert the plug on the adapter cord into the AC adapter socket on the side of the machine. Insert the plug into the nearest standard electrical outlet.
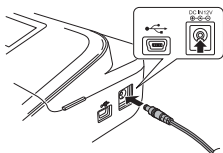
■ When using six new AA alkaline batteries (LR6) or fully charged Ni-MH batteries (HR6)

Make sure the poles are pointing in the correct directions.
To remove the batteries, reverse the installation procedure.

USB Port | Battery compartment cover | Battery compartment | AC adapter socket
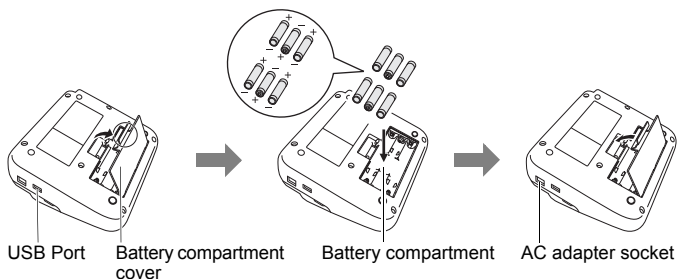
NOTE

- For memory back up, we recommend using AA alkaline batteries (LR6) or Ni-MH batteries (HR6) together when using the AC adapter.
- To safeguard and backup the P-touch's memory, when the AC adapter is unplugged it is recommended to have AA alkaline batteries (LR6) or Ni-MH batteries (HR6) installed in the P-touch.
- When power is disconnected for more than two minutes, all text and format settings will be cleared. Any text files saved in the memory will also be cleared.

- Remove the batteries if you do not intend to use the P-touch for an extended period of time.
- Dispose of the battery 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 battery, cover both ends of the battery with cellophane tape, to prevent it from short-circuiting.

(Battery insulation example)
1. Cellophane tape
2. Alkaline or Ni-MH battery
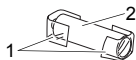
⚠ CAUTION
USING A COMBINATION OF DIFFERENT BATTERIES (SUCH AS Ni-MH AND ALKALINE), MAY RESULT IN AN EXPLOSION. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

■ Insert a Tape Cassette

Tape cassette compartment

Release lever

Tape cutter

Tape exit slot

Keyboard

LCD display

Print head

Tape cutter lever

Tape cassette compartment cover
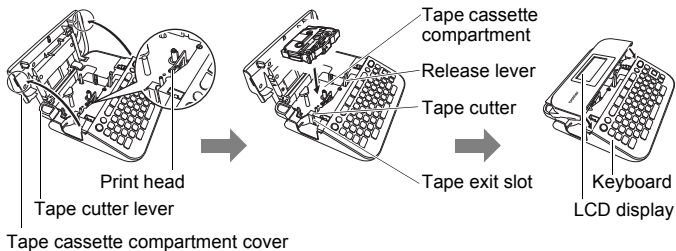
NOTE

- When inserting the tape cassette, make sure that the tape and ink ribbon do not catch on the print head.
- If you cannot close the tape cassette compartment cover, check to ensure the release lever is in the up position. If not, lift the lever, and then close the cover.

Turning Power On/Off

Press (⑳) to turn the P-touch on.

Press (⑳) again to turn the P-touch off.

NOTE

> Your P-touch has a power saving function that automatically turns itself off if no key is pressed within a certain time under certain operating conditions. Refer to "Specifications" on page 51.

Feeding Tape

To feed the tape, press the following keys:

(⓺Shift) + (🔍).

Setting LCD Display

■ LCD Contrast

The default setting is [0].

(🏠) ➔ ◀/▶ [設定] ➔ (執行) or (↵段落更換) ➔ ▲/▼ [調整] ➔ (執行) or (↵段落更換) ➔ ▲/▼ [畫面對比度] ➔ (執行) or (↵段落更換) ➔ ◀/▶ [-2 - +2] ➔ (執行) or (↵段落更換).

■ Back Light

The default setting is [開].

(🏠) ➔ ◀/▶ [設定] ➔ (執行) or (↵段落更換) ➔ ▲/▼ [背光] ➔ (執行) or (↵段落更換) ➔ ▲/▼ [開 / 關] ➔ (執行) or (↵段落更換).

NOTE

> • You can also set the back light setting by pressing (背光).
> • Power can be saved when the back light is turned off.
> • The back light is turned off automatically if there is no operation. It can be turned back on by pressing any key. The back light turns off when printing.

How to use the P-touch

■ Create a label with the P-touch

[GETTING STARTED]

Preparing the P-touch　P. 6

[CREATING A LABEL]

• Entering and Editing text　P. 14
• Entering Symbols　P. 18
• Using Auto-Format Layouts　P. 27

NOTE

In addition to entering text, the P-touch has a large range of formatting options.
Examples of labels you can create using the P-touch:

[LABEL PRINTING]

• Printing labels　P. 36
• Setting tape cutting options　P. 37
• Printing from the Label Collection　P. 40

NOTE

Before printing, you can check the layout of your label using the preview function.
Refer to "Previewing Labels" on page 36.

Example of the preview screen:

9mm× 74mm

Brother

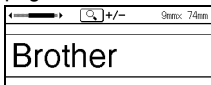### ■ Create a label by connecting your P-touch to a PC

[GETTING STARTED]

This P-touch can be used as a stand alone desktop P-touch or it can be connected to a PC/Mac and used with the P-touch Editor software to create more elaborate labels.

To use your P-touch connected to a computer, attach your P-touch to a computer via the included USB cable and install the P-touch Editor software and drivers.

Features

P-touch Editor	Makes it easy for anyone to create a wide variety of custom labels in complex layouts by using fonts, templates, and clip art.
Printer Driver	Lets you print labels from the connected P-touch when using P-touch Editor on your computer.
P-touch Update Software	Label collections can be downloaded and new label designs added to the P-touch. In addition, the software can be upgraded to the latest version.

To download and install printer drivers and software such as the P-touch Editor 5.1 on your computer, visit our installer download website (www.brother.com/inst).

Printer drivers and software are also available to download individually from the list of available printer drivers and software on our support website below:

Brother support website
Please visit our support website at support.brother.com
You can find the following information:
• Software downloads
• User Guides
• Frequently Asked Questions (Troubleshooting, Useful tips on using printer)
• Consumable information
• Latest OS compatibility information
The contents of this website are subject to change without notice.

[CREATING A LABEL]

- Connect the P-touch to your computer using the included USB cable.
- Launch the P-touch Editor Software.
- Enter the label text using P-touch Editor.
- Print the label.
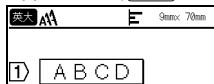 Examples of labels you can create using the P-touch Editor:
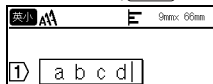
EDITING A LABEL

Entering and Editing Text

■ Switching Upper Case/Lower Case

Press the ($\boxed{A/a}$) to switch the upper case or lower case.

Upper case ($\boxed{A/a}$ is ON)　　　Lower case ($\boxed{A/a}$ is OFF)

英大 A\\	E 9mmx 70mm
1 A B C D	

英小 A\\	E 9mmx 66mm
1 a b c d	

■ Select The Input Method

[倉頡 / 簡易倉頡 / 廣東拼音]

Press ($\boxed{倉/簡/廣}$) to toggle between [倉頡 / 簡易倉頡 / 廣東拼音] imput methods.

Use [倉頡] to enter texts.
Input radicals, and convert Chinese characters word by word.

- You can input up to 5 Chinese character radicals at one time. If you want to enter a group of characters, please press ($\boxed{空格/轉換}$) to convert Chinese characters, and then enter the next character.

Example " 仲 "

1	Under [倉頡] input method, type ($\boxed{O人}$) ($\boxed{L中}$). To clear inputted texts word by word, press ($\boxed{倒退}$). To clean all inputted texts, press ($\boxed{取消}$).	倉頡 A\\　　E 9mmx——mm 人中
2	Press ($\boxed{空格/轉換}$) .	仲个　　9mmx——mm 人中
3	Press ($\boxed{空格/轉換}$) or ▲、▼、◀ or ▶ key to convert Chinese characters, and then press " 仲 ".	
4	Press $\boxed{執行}$. " 仲 " will be inputted.	倉頡 A\\　　E 9mmx 58mm 1 仲
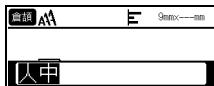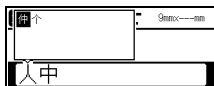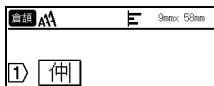
Use [簡易倉頡] input Method to enter texts.
This method is to input the first and last radicals of 倉頡 , and then convert optional Chinese characters. Follow the steps below to convert Chinese characters word by word.
Example " 虎 "

1 Under [簡易倉頡] input method, type (Y卜) (N弓).

" 卜弓 " will be displayed in reverse, and at the same time the optional characters will appear on the screen. If you convert a Chinese character, it will be confirmed when you input next character.

2 Press (空格/轉換) or ▲、▼、◀ or ▶ key to convert Chinese characters, and then press " 虎 ".

3 Press (執行) .
" 虎 " will be inputted.
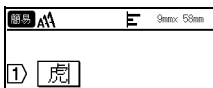
Use [廣東拼音] to enter texts
Select [廣東拼音] and then press (空格/轉換) to enter Chinese characters. You can convert Chinese characters word by word.
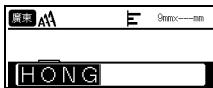**Example** " 香 "

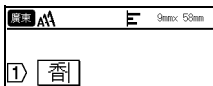**1** Under [廣東拼音] input method, type "HONG".

2 Press (空格/轉換) Optional Chinese characters for "HONG" will appear on the screen.

3 Press (空格/轉換) or ▲、▼、◀ or ▶ to convert optional Chinese characters, and then select " 香 ".

4 Press (執行).
" 香 " will be inputted.

| 編集 A\\ | | E | 9mmx 58mm |

① 香|

- You can convert up to 25 uncertain Chinese characters at one time.
- Once confirmed, you can't convert them.

- If you want to stop converting Chinese characters, please press (取消).

- Before converting Chinese characters, if you press (取消), the inputted character will be cleared immediately and return to the initial input state.

- This product has learning function, can display Chinese characters on priority.

■ **Entering Text from the Keyboard**

((🏠)) ➔ ◀/▶ [新增標籤] ➔ (執行) or (◢ 段落更換) ➔ Enter the character.

■ **Adding a New Line**

Move the cursor to the end of the current line and press (◢ 段落更換).

Line 1   Line 2   Label image

| 英大 A\\ | E | 9mmx 65mm | | 英大 A\\ | E | 9mmx 58mm |

① A B C   ① A B C ↵
                                ② D E F|

ABC
DEF
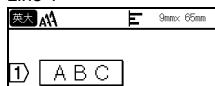
NOTE

- There is a maximum number of lines of text that can be entered for each tape width. A maximum of 5 lines for 18 mm tape, 3 lines for 12 mm tape, 2 lines for 9 mm and 6 mm tape, and 1 line for 3.5 mm tape.

- If you press (◢ 段落更換) when five lines already exist,

  [超過最大允許行數！] will display. Press (取消) or any other key to clear the error message.

■ Adding a New Block
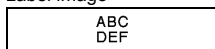
To create a new block of text/lines to the right of your current text, press

($\boxed{\text{⇧Shift}}$) and ($\boxed{\longleftarrow \text{ 段落更換}}$). The cursor moves to the start of the new block.

NOTE

- A maximum of 5 blocks can be entered in one label.

- If you press ($\boxed{\text{⇧Shift}}$) and ($\boxed{\longleftarrow \text{ 段落更換}}$) when five blocks already exist,

  [超過最大允許段落數] will display. Press ($\boxed{\text{取消}}$) or any other key to
  clear the error message.

■ Deleting Text

By pressing ($\boxed{\text{倒退}}$), the letters will be deleted one by one.
To delete all text:

($\boxed{\begin{array}{c}\text{全部}\\\text{刪除}\end{array}}$) ➔ ▲/▼ [內容] ➔ ($\boxed{\text{執行}}$) or ($\boxed{\longleftarrow \text{ 段落更換}}$).

To delete all text and format settings:

($\boxed{\begin{array}{c}\text{全部}\\\text{刪除}\end{array}}$) ➔ ▲/▼ [內容和格式] ➔ ($\boxed{\text{執行}}$) or ($\boxed{\longleftarrow \text{ 段落更換}}$).

■ Inserting a Tab

To insert a tab, press the following key.

The symbol ($\boxed{\text{T}}$) will then appear on the screen.

($\boxed{\text{Tab}}$).

NOTE

To delete a tab from a label, position the cursor to the right of the tab

mark on the text entry screen and press ($\boxed{\text{倒退}}$).

To change the tab length

($\boxed{\text{標籤格式}}$) ➔ ▲/▼ [標籤空白長度] ➔ ($\boxed{\text{執行}}$) or ($\boxed{\longleftarrow \text{ 段落更換}}$) ➔ ▲/▼

[0-100 mm] ➔ ($\boxed{\text{執行}}$) or ($\boxed{\longleftarrow \text{ 段落更換}}$) ➔ ($\boxed{\text{取消}}$) to return to the text entry screen.

NOTE

You can also set the tab length by typing in the desired tab length. To

apply the setting, after typing in the tab length, press ($\boxed{執行}$) or

($\boxed{\overbmatrix{\hspace{5pt}}段落更換}$) and then ($\boxed{執行}$) or ($\boxed{\hspace{5pt}段落更換}$) again.

Entering Symbols

■ Entering Symbols Using the Symbol Function

($\boxed{符號}$) ➔ ▲/▼ Select Category ➔ ($\boxed{執行}$) or ($\boxed{\hspace{5pt}段落更換}$) ➔ ▲/▼/◀/▶
Choose a symbol ➔ ($\boxed{執行}$) or ($\boxed{\hspace{5pt}段落更換}$).

■ Setting Symbol History

Up to 30 recently used symbols are added to [常用符號]. The default
setting is [是].
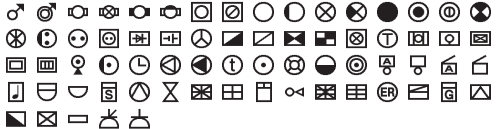
(($\boxed{⌂}$)) ➔ ◀/▶ [設定] ➔ ($\boxed{執行}$) or ($\boxed{\hspace{5pt}段落更換}$) ➔ ▲/▼ [常用符號儲存] ➔
($\boxed{執行}$) or ($\boxed{\hspace{5pt}段落更換}$) ➔ ▲/▼ [是 / 否] ➔ ($\boxed{執行}$) or ($\boxed{\hspace{5pt}段落更換}$).

Symbol List

類別	符號
標點	， 。 . ， 、 ˉ ˇ ¨ ∥ ‖ — ＿ - ￣ ／ ＼ · ～ ∣ … ： ； ？ ！ ＃ ＆ ＊ ※ ＠ ˜ ＾ § ＝ ' ” ´ `
括號引號	' ' " " （ ） 〔 〕 ［ ］ ｛ ｝ 〈 〉 《 》 「 」 『 』 【 】 〖 〗
簡稱	No. ™ ® © a̅m̅ p̅m̅ Sᴜɴ Mᴏɴ Tᴜᴇ Wᴇᴅ Tʜᴜ Fʀɪ Sᴀᴛ
箭頭	→ ← ↑ ↓ ↙ ↘ ↗ ↖ ➡ ⬅ ⬆ ⬇ ↙ ↘ ↗ ↖ ↔ ⇄ ➡ ⬅ ♠ ♣ ✄ ↻ ☞ ☜ ☝ ☟

類別	符號
繪畫圖形	◎ ○ ● □ ■ ◇ ◆ △ ▲ ▽ ▼ ◁ ◀ ▷ ▶ ☆ ★ ♤ ♠ ♡ ♥ ◇ ◆ ♣ ♣
單位	° ′ ″ ℃ ℉ ¥ $ ¢ € £ ¤ % ‰ mm cm km mg kg cm³ m³ km³ cm³ m³ cc HP mΩ kΩ mV mA μV μA μF pF kW ha μm mb Pa ℓ mℓ dℓ kℓ caℓ kcaℓ dB Hz ft. mile Å
數學	+ − ± × ÷ = ≧ ≦ ≠ ≒ < > ∵ ∴ ∧ ∨ Σ ∏ ∪ ∩ ∈ ∷ √ ⊥ ∥ ∠ ⌒ ⊙ ∫ ∮ ≡ ≌ ≈ ∽ ∝ ≮ ≯ ≤ ≥ ∞
數字	㊀ ㊁ ㊂ ㊃ ㊄ ㊅ ㊆ ㊇ ㊈ ㊉ ㈠ ㈡ ㈢ ㈣ ㈤ ㈥ ㈦ ㈧ ㈨ ㈩ (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) I II III IV V VI VII VIII IX X XI XII i ii iii iv v vi vii viii ix x 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ½ ⅓ ¼
上標	−1 ± 0 1 2 3 4 5 6 7 8 9 − + a b c d e f g h i j k l m n o p q r s t u v w x y z α β γ ø □
下標	± 0 1 2 3 4 5 6 7 8 9 − + a b c d e f g h i j k l m n o p q r s t u v w x y z α β γ

類別	符號
2 位數字	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99
希臘語	A B Γ Δ E Z H Θ I K Λ M N Ξ O Π P Σ T Y Φ X Ψ Ω α β γ δ ε ζ η θ ι κ λ μ ν ξ ο π ρ σ τ υ φ χ ψ ω
羅馬	Ä Ö Ü ä ö ü Ñ ñ Ç ç è é à ì í ò ó ù ú ß Í Ì ¿ ¡ Œ œ Ï Ë ï ë Á Ó É Ú À Ò È Ù á Â Î Ô Ê Û â î ô ê û
發音	ㄅ ㄆ ㄇ ㄈ ㄉ ㄊ ㄋ ㄌ ㄍ ㄎ ㄏ ㄐ ㄑ ㄒ ㄓ ㄔ ㄕ ㄖ ㄗ ㄘ ㄙ ㄚ ㄛ ㄜ ㄝ ㄞ ㄟ ㄠ ㄡ ㄢ ㄣ ㄤ ㄥ ㄦ ㄧ ㄨ ㄩ · ˊ ˇ ˋ ā á ǎ à ē é è ī í ǐ ì ō ó ǒ ò ū ú ǔ ù ǖ ǘ ǚ ǜ ü ê ȧ ḿ ń ň ǹ g
平假名	ぁ あ ぃ い ぅ う ぇ え ぉ お か が き ぎ く ぐ け げ こ ご さ ざ し じ す ず せ ぜ そ ぞ た だ ち ぢ っ つ づ て で と ど な に ぬ ね の は ば ぱ ひ び ぴ ふ ぶ ぷ へ べ ぺ ほ ぼ ぽ ま み む め も ゃ や ゅ ゆ ょ よ ら り る れ ろ ゎ わ ゐ ゑ を ん づ ゕ ゖ

類別	符號
片假名	ァ ア ィ イ ゥ ウ ェ エ ォ オ カ ガ キ ギ ク グ ケ ゲ コ ゴ サ ザ シ ジ ス ズ セ ゼ ソ ゾ タ ダ チ ヂ ッ ツ ヅ テ デ ト ド ナ ニ ヌ ネ ノ ハ バ パ ヒ ビ ピ フ ブ プ ヘ ベ ペ ホ ボ ポ マ ミ ム メ モ ャ ヤ ュ ユ ョ ヨ ラ リ ル レ ロ ヮ ワ ヰ ヱ ヲ ン ヴ ヵ ヶ
電子 1	
電子 2	
標示	
數據 / 影音	TEL FAX
工作	
日用品	
交通	

類別	符號
花園	
天氣	
吉祥	
趣味	
運動	
人物	
動物	
中國生肖	
星座	
糖果 / 水果	
食物	
項目符號	

Setting Character Attributes ([英字形]/[字大小]/[字寬]/ [字體]/[底線]/[對齊]/[字距]/[縱印])

You can set character attributes by label or by each line, both before and after entering text.

■ Setting Character Attributes by Label

(字形) ➔ ▲/▼ Select an attribute ➔ (執行) or (◀ 段落更換) ➔ ▲/▼ Set a value for the attribute ➔ (執行) or (◀ 段落更換) ➔ (取消) to return to the text entry screen.

■ Setting Character Attributes by Each Line

1. Using ▲/▼, move the cursor to the line where you wish to change the character attribute.
2. Press (⇧Shift) and (字形) to display the attributes.

NOTE

- You can press the button (縱向/列印) to set [縱印].
- (≡) displayed on the left side of the character attribute that appears when you press (⇧Shift) and (字形) indicates that you are now applying the attribute for that specific line only.
- When different attribute values are set for each line, the value will be displayed as ***** when you press (字形), select an attribute using ▲ or ▼, and then press (執行) or (◀ 段落更換). When you change the setting on this screen and then press (取消) to go back to the text entry screen, the same change will be applied to all lines of the label.
- When [字大小] is set to [自動] and all the text is entered in uppercase, the text is automatically adjusted to print in the largest font size possible for each tape width. This font size is larger than the largest font size available in the font settings for each tape width.

Setting Options

Attribute	Value	Result	Attribute	Value	Result
英字形	**HEL**	A1	英字形	TEN	A1
字大小	**自動**	When Auto is selected, the text is automatically adjusted to print in the largest size available in the font settings for each tape width.	字大小	19 pt	A
	6 pt	A		26 pt	A
	10 pt	A		38 pt	A
	13 pt	A			
字寬	**x 1**	A	字寬	x 1/2	A
	x 3/2	A		x 2/3	A
	x 2	A			
字體	**標準**	A	字體	陰影	A
	粗體	A		立體	A
	中空	A		斜體	A
底線	**無**	A	底線	刪除線	A̶
	底線	A̲			
對齊	**靠左**	ABC	對齊	靠右	ABC
	置中	ABC		均分	A B C
字距	**標準**	A̅A	字距	較小	A̅A
縱印	**否**	ABC	縱印	是	⊼�распⰅ

■ **Setting 自動縮小設定**

When [字大小] is set to [自動] and [長度] is set to a specific length, you can reduce the text size to fit within the label length. When [等比例縮小] is selected, the total text size is modified to fit within the label. When [字寬優先縮小] is selected, the text width will be reduced to the size of x 1/2 setting.

((🏠)) ➔ ◀/▶ [設定] ➔ (執行) or (◀┘段落更換) ➔ ▲/▼ [自動縮小設定] ➔ (執行) or (◀┘段落更換) ➔ ▲/▼ [等比例縮小 / 字寬優先縮小] ➔ (執行) or (◀┘段落更換).

Setting Frames

(外框) ➔ ▲/▼/◀/▶ Select a frame ➔ (執行) or (◀┘段落更換).

NOTE

You can also select a frame by typing in the frame number.

外框

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	

Setting Label Attributes ([長度]/[兩端空白]/[標籤空白長度])

長度 :[長度] can be set within the range 30 - 300 mm. When
[自動] is selected, the length of the label is automatically
adjusted based on the amount of text entered.
兩端空白 :Refer to "Setting Tape Cutting Options" on page 37.
標籤空白長度:Refer to "To change the tab length" on page 17.

(標籤格式) → ▲/▼ Select an attribute → (執行) or (⏎ 段落更換) → ▲/▼ Set
a value for the attribute → (執行) or (⏎ 段落更換) → (取消) to return to the text
entry screen.

NOTE

You can also set the label and tab length by typing in the desired

length. To apply the setting, after typing in the length, press (執行) or

(⏎ 段落更換) and then (執行) or (⏎ 段落更換) again.

Using Auto-Format Layouts

■ Using Templates
Simply select a layout from the templates, enter the text and apply
formatting as desired.

Example - Asset Tag:

Property of:
ABC Company,Inc.
‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖
00001
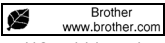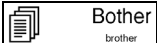
(⌂) → ◄/► [預設格式] → (執行) or (⏎ 段落更換) → ▲/▼ [用途分類範例]
→ (執行) or (⏎ 段落更換) → ▲/▼ [資產管理] → (執行) or (⏎ 段落更換) →
▲/▼ [資產標籤] → (執行) or (⏎ 段落更換) → Enter the text → (執行) or
(⏎ 段落更換) → Enter the text for the next field → (執行) or (⏎ 段落更換) →
▲/▼ Select an attribute for barcode → ◄/► Set a value for the attribute →
(執行) or (⏎ 段落更換) → Type in the barcode data → (執行) or (⏎ 段落更換) →
▲/▼ [列印] → (執行) or (⏎ 段落更換) → ▲/▼ Select the number of labels
to be printed → (列印), (執行) or (⏎ 段落更換).

NOTE

- For details on barcodes, refer to "Creating a Barcode Label" on page 33.
- On the print menu screen:
  - ・Select [內容編輯] to change the text data or the barcode setup.
  - ・Select [儲存] to store the label to the file memory.

    For the file memory, refer to "USING THE FILE MEMORY" on page 44.
  - ・Select [選單] to change the 英字形 or 縱印 settings.
  - ・Select [預覽] to preview the label before printing.
  - ・Select [列印選項] to set the print settings. For details, refer to " 自動 跳號 Printing" on page 37 or " 鏡像列印 Printing" on page 37.
- If the width of the current tape cassette does not match the set width for the selected layout, an error message will display when you try to print the label. Press (取消) or any other key to clear the error message, and insert a tape cassette of the correct width.
- If the number of characters entered exceeds the limit,

  [文字超過允許長度！] will display when (執行) or (段落更換) is

  pressed. Press (取消) or any other key to clear the error message, and edit the text using fewer characters.

用途分類範例

類別	Value	Details
資產管理	資產標籤	Property of: ABC Company,Inc. *0001* (18 × 70 mm)
	箱	Lock Washer 1/4-20 NF Thread Size (18 × 76 mm)
	設備標籤	ABC Company,Inc. Control / Sales Equipment No. / 12345678 (18 × 58 mm)
檔案夾 / 櫃	標示牌中柱	SALE ACCOUNTS (18 × 219 mm)
	文件夾卡	PAYABLES (12 × 82 mm)
	分類卡	AUGUST (12 × 42 mm)
	檔案櫃標籤	Brother www.brother.com (18 × 111 mm)
地址 / 身份	地址標籤	XXXX CORPORATION 7878NJBrother Blvd,Bartlett,TN 38133 Telephone:+1-901-377-xxxx (18 × 70 mm)
	名牌 1	Bother brother (18 × 72 mm)
	名牌 2	Rorbert Becker ABC Company,Inc (18 × 72 mm)

類別	Value	Details
媒體	SD 記憶卡	❀Photogragh❀ September Travel (12 × 25 mm)
	Memory Stick	Meeting 1–10 (9 × 25 mm)
	CD/DVD1	My Favorite Music (6 × 113 mm)
	CD/DVD2	My Favorite Music (3.5 × 113 mm)
纜線標籤	旗幟標籤 1	ABC ABC (12 × 90 mm)
	旗幟標籤 2	ABC ABC DEF DEF (12 × 90 mm)
	電線包覆	7A-B23 7A-B23 7A-B23 7A-B23 7A-B23 7A-B23 (18 × 39 mm)
	面板 (VRT)	(12 × 70 mm)

■ Using Block Layouts
Simply select a layout from the block layouts, enter the text and apply formatting as desired.

((🏠)) ➜ ◄/► [預設格式] ➜ (執行) or (◄┘ 段落更換) ➜ ▲/▼ [寬度分類範例] ➜ (執行) or (◄┘ 段落更換) ➜ ▲/▼ Select a tape width ➜ (執行) or (◄┘ 段落更換) ➜ ▲/▼ Select a block layout ➜ (執行) or (◄┘ 段落更換) ➜ Enter the text ➜ (執行) or (◄┘ 段落更換) ➜ Repeat for each text field ➜ (執行) or (◄┘ 段落更換) to display the print menu ➜ ▲/▼ [列印] ➜ (執行) or (◄┘ 段落更換) ➜ ▲/▼ Select the number of labels to be printed ➜ (列印), (執行) or (◄┘ 段落更換).
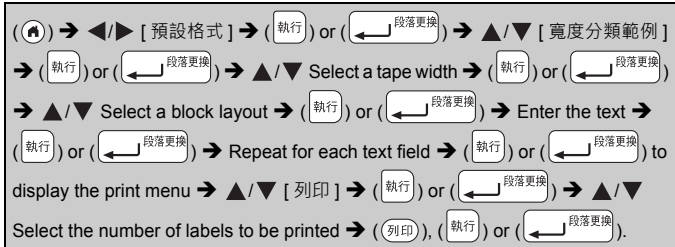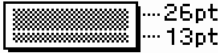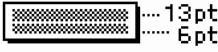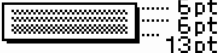
NOTE

- On the print menu screen:
  ・ Select [內容編輯] to change the text data or the barcode setup.
  ・ Select [儲存] to store the label to the file memory.
    For the file memory, refer to "USING THE FILE MEMORY" on page 44.
  ・ Select [選單] to change the 英字形、縱印 、對齊 or 外框 settings.
  ・ Select [預覽] to preview the label before printing.
  ・ Select [列印選項] to set the print settings. For details, refer to " 自動 跳號 Printing" on page 37 or " 鏡像列印 Printing" on page 37.
  ・ If the width of the current tape cassette does not match the set width for the selected layout, an error message will display when you try to print the label. Press (取消) or any other key to clear the error message, and insert a tape cassette of the correct width.

寬度分類範例

Attribute	Value	Details
18mm	2 行 A	⋯13pt ⋯26pt
	2 行 B	⋯26pt ⋯13pt
	3 行	⋯10pt ⋯10pt ⋯19pt
	1 行 +2 行 A	38pt⋯⋯19pt ⋯19pt
	1 行 +2 行 B	38pt⋯⋯13pt ⋯26pt
	1 行 +3 行	38pt⋯⋯13pt
	1 行 +4 行	38pt⋯⋯10pt
12mm	2 行 A	⋯6pt ⋯13pt
	2 行 B	⋯13pt ⋯6pt
	3 行	⋯6pt ⋯6pt ⋯13pt
	1 行 +2 行	26pt⋯⋯13pt ⋯13pt

Attribute	Value	Details
9mm	2 行 A	⋯ 6pt / 13pt
	2 行 B	⋯ 13pt / 6pt
	1 行 +2 行	19pt⋯ ⋯ 10pt / 10pt
6mm	1 行 +2 行	13pt⋯ ⋯ 6pt / 6pt

Creating a Barcode Label

NOTE

- The P-touch is not designed exclusively for creating barcode labels. Always check that barcode labels can be read by the barcode reader.
- For best results, print barcode labels in black ink on white tape. Some barcode readers may not be able to read barcode labels created using coloured tape or ink.
- Use the [大] setting for [寬度] whenever possible. Some barcode readers may not be able to read barcode labels created using the [小] setting.
- Continuously printing a large number of labels with barcodes can overheat the print head, which may affect printing quality.

■ Setting Barcode Parameters and Entering Barcode Data

(條碼) ➔ ▲/▼ Select an attribute ➔ ◀/▶ Set a value for the attribute ➔ (執行) or (↵ 段落更換) ➔ Type in the barcode data ➔ (符號) ➔ ▲/▼ Select a character ➔ (執行) or (↵ 段落更換) ➔ (執行) or (↵ 段落更換).

NOTE

Symbols are only available for the CODE39, CODE128, CODABAR or GS1-128 protocols. When not using symbols, after typing in the barcode data, press (執行) or (↵ 段落更換) to insert the barcode in the label.

Barcode Settings

Attribute	Value
規格	**CODE39**, CODE128, EAN-8, EAN-13, GS1-128 (UCC/EAN-128), UPC-A, UPC-E, I-2/5 (ITF), CODABAR
寬度	小
	大
底部文字 (characters printed below barcode)	**有**
	無
檢查碼 (check digit)	**無**
	有 (only available for the CODE39, I-2/5 and CODABAR protocols)

Special Character List

CODE39   **CODABAR**

Special Character	Special Character
−	**−**
.	**$**
空格	**:**
$	**/**
/	**.**
+	**+**
%	

CODE128, GS1-128 (UCC / EAN-128)

Special Character			
空格	!	"	#
$	%	&	'
(	)	*	+
,	-	.	/
:	;	<	=
>	?	@	[
\	]	^	_
NUL	`	SOH	STX
ETX	EOT	ENQ	ACK
BEL	BS	HT	LF
VT	FF	CR	SO
SI	DLE	DC1	DC2
DC3	DC4	NAK	SYN
ETB	CAN	EM	SUB
ESC	{	FS		
GS	}	RS	~
US	DEL	FNC3	FNC2
FNC4	FNC1		

■ **Editing and Deleting a Barcode**

To edit barcode parameters and barcode data, position the cursor to the left of the barcode mark on the data entry screen and then open the Barcode Setup screen by pressing (條碼).

To delete a barcode from a label, position the cursor to the right of the barcode mark on the data entry screen and press (倒退).

LABEL PRINTING
. . . .

Previewing Labels

You can preview the text before printing.

$(\textcircled{Q})$.

Press ◀, ▶, ▲ or ▼ to scroll the preview to the left, right, top or bottom.

Press ($\textcircled{Q}$) to change the magnification of the preview.

NOTE

To scroll the preview to the left, right, top or bottom corners, press

($\boxed{\text{⇧Shift}}$) and ◀, ▶, ▲ or ▼.

Printing Labels

To cut off the label, press the tape cutter lever on the upper left corner of the machine.

NOTE

- To prevent damage to the tape, do not touch the cutter lever while the message [正在列印。] or [執行中。] is displayed.
- Do not pull the label coming out of the tape exit slot. Doing so will cause the ink ribbon to be discharged with the tape, making the tape no longer usable.
- Do not block the tape exit slot during printing or when feeding tape. Doing so will cause the tape to jam.

■ **Single and Multiple Copy Printing**

(($\boxed{\text{列印}}$)) ➔ ▲/▼ Change the number of copies ➔ (($\boxed{\text{列印}}$)), ($\boxed{\text{執行}}$)) or
($\boxed{\text{⏎ 段落更換}}$).

NOTE

- If you need only 1 copy of the label, press (($\boxed{\text{列印}}$)), ($\boxed{\text{執行}}$)) or

  ($\boxed{\text{⏎ 段落更換}}$)) without selecting the number of copies.
- The number of copies can also be specified by pressing a number key.

■ 自動跳號 **Printing**

$$\boxed{AA} \boxed{AB} \boxed{AC} \qquad \boxed{0123} \boxed{0124} \boxed{0125}$$

$(\boxed{\Omega\text{Shift}})+(\boxed{列印}) \rightarrow \blacktriangle/\blacktriangledown [自動跳號] \rightarrow (\boxed{執行})$ or $(\boxed{段落更換}) \rightarrow \blacktriangleleft/\blacktriangleright$
Select start point $\rightarrow (\boxed{執行})$ or $(\boxed{段落更換}) \rightarrow \blacktriangleleft/\blacktriangleright$ Select end point $\rightarrow (\boxed{執行})$
or $(\boxed{段落更換}) \rightarrow \blacktriangle/\blacktriangledown$ Select the number of labels to be printed $\rightarrow (\boxed{列印})$,
$(\boxed{執行})$ or $(\boxed{段落更換})$.

Select the highest number you wish to be printed when setting the number.

■ 鏡像列印 **Printing**

Use clear tape in [鏡像列印], so the labels can be read correctly from the opposite side when attached on glass, windows or other transparent surfaces.

$$\boxed{\text{ꓘ.SMITH}}$$

$(\boxed{\Omega\text{Shift}})+(\boxed{列印}) \rightarrow \blacktriangle/\blacktriangledown [鏡像列印] \rightarrow (\boxed{執行})$ or $(\boxed{段落更換}) \rightarrow (\boxed{列印})$,
$(\boxed{執行})$ or $(\boxed{段落更換})$.
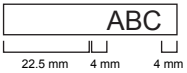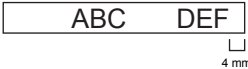
Setting Tape Cutting Options
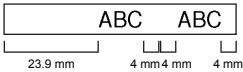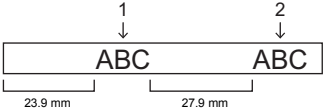
■ **[大]/[小]/[省帶]/[不裁切]/[特別色帶]**

$(\boxed{標籤格式}) \rightarrow \blacktriangle/\blacktriangledown [兩端空白] \rightarrow (\boxed{執行})$ or $(\boxed{段落更換}) \rightarrow \blacktriangle/\blacktriangledown$
[大 / 小 / 省帶 / 不裁切 / 特別色帶] $\rightarrow (\boxed{執行})$ or $(\boxed{段落更換})$ to apply the settings.

Tape Cutting Options

Setting	Description	Example
大	Each label is printed, leaving a margin of 23.9 mm on each end.	ABC 23.9 mm · 23.9 mm
小	A margin of 22.5 mm is printed first, and then each label is printed, leaving a margin of 4 mm before and after the text.	ABC 22.5 mm · 4 mm · 4 mm
省帶	• Select this setting when printing several labels with minimum margins. • Feed the tape before using the cutter. Otherwise a part of the text may be cut off. Do not try to pull the tape since this may damage the tape cassette. • A margin of 22.5 mm is printed first, and then each label is printed, leaving a margin of 4 mm before and after the text.	ABC　　DEF 4 mm
不裁切	• Select this setting when printing multiple copies of a label or when using Fabric Tapes or other special tapes that cannot be cut by the tape cutter of the P-touch. • Feed the tape before using the cutter. Otherwise a part of the text may be cut off. Do not try to pull the tape since this may damage the tape cassette. • When using the special tapes that cannot be cut by the tape cutter of the P-touch, remove the tape cassette from the P-touch and use scissors to cut the tape.	ABC 23.9 mm · 4 mm

Setting	Description	Example
特別 色帶	• Select this setting when using special tape. • When using Fabric Tapes or Heat Shrink Tube, set [特別色帶] for [兩端空白] before printing. After printing, remove the tape cassette from the P-touch and use scissors to cut the tape.	• When multiple copies are printed one time: ABC ABC 23.9 mm 4 mm 4 mm 4 mm • When a label is printed two times: 1 2 ↓ ↓ ABC ABC 23.9 mm 27.9 mm 1. 1st print 2. 2nd print

NOTE

• When the cut option is set to [不裁切] or [省帶], it stops in the middle of printing area after the last label is printed. After [要送帶嗎 ?] is displayed, press (執行) or (↵ 段落更換) to feed the tape. Press (取消) to return to the text entry screen.

• When the cut option is set to [大], [小], [省帶], after printing the message [裁切並繼續] will display and the P-touch goes into the cut pause mode. By pressing the Tape cutter lever, you can cut the tape at the position you set in [兩端空白].

Adjusting the Label Length

When the tape cassette comes to the end, the printed length may be less accurate.

In this case, you can adjust the label length.

$((\widehat{\bigcirc}))$ ➔ ◀/▶ [設定] ➔ $(\boxed{執行})$ or $(\boxed{◢\quad^{段落更換}})$ ➔ ▲/▼ [調整] ➔ $(\boxed{執行})$ or $(\boxed{◢\quad^{段落更換}})$ ➔ ▲/▼ [長度] ➔ $(\boxed{執行})$ or $(\boxed{◢\quad^{段落更換}})$ ➔ ◀/▶ [-5 - +5] ➔ $(\boxed{執行})$ or $(\boxed{◢\quad^{段落更換}})$.
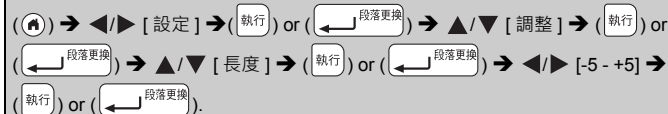
NOTE

Adjusting Label Length by 1 level increases total label length by approximately 1%.

Printing from the Label Collection

■ **Printing a label from the label collection stored in the P-touch**

$((\widehat{\bigcirc}))$ ➔ ◀/▶ [標籤集] ➔ $(\boxed{執行})$ or $(\boxed{◢\quad^{段落更換}})$ ➔ ▲/▼ Select a category ➔ $(\boxed{執行})$ or $(\boxed{◢\quad^{段落更換}})$ ➔ ▲/▼ Select a label ➔ $(\boxed{執行})$ or $(\boxed{◢\quad^{段落更換}})$ ➔ Check the label image ➔ $(\boxed{執行})$ ➔ ▲/▼ [列印] ➔ $(\boxed{執行})$ or $(\boxed{◢\quad^{段落更換}})$ ➔ ▲/▼ Select the number of copies ➔ $(\boxed{列印})$, $(\boxed{執行})$ or $(\boxed{◢\quad^{段落更換}})$.

NOTE

Only 12 or 18 mm tape can be used for Label Collection.

Label Collection List

Category	Label
辦公室標示 (18mm)	
Office (18mm)	

Category	Label
注意 (18mm)	
Attention (18mm)	
注意 /Attention (18mm)	禁止拍照 Do not take photographs　禁止進入 No admittance　禁止停車 No parking 注意電力 Caution, electricity　請勿觸摸 Do not touch　易燃 No open flame 禁止使用手機 Do not use mobile phones　嚴禁飲食 Do not eat or drink here 請保持安靜 Quiet please　禁止吸煙 No smoking

Category	Label
信息 (18mm)	＊＊生日❄快樂＊＊　　　市聖誕快樂🎄 最美好的祝願🖐　　　❄祝你好運❄ 恭喜🎺　　　謝謝您！
Message (12mm)	＊＊Happy ❄Birthday! ＊＊　　　Congratulations!🎺 Best Wishes!🖐　　Thank you　Merry Christmas🎄　❄Good Luck❄

* Labels are for illustrative purposes only.

◼ Downloading a new Label Collection Category

Using the P-touch Update Software, additional label collection categories can be downloaded to your P-touch.
To download the new label collection categories, please visit the Brother support website at: support.brother.com

USING THE FILE MEMORY

Saving Label Files

You can save up to 50 labels and recall them for printing at a later date.
A maximum of 280 characters can be saved per file. You can also edit
and overwrite saved labels.

Type text and format label ➔ (儲存) ➔ ▲/▼ Select a file ➔ (執行) or
(◄┘ 段落更換).

Printing, Opening, or Deleting a Saved Label

■ [列印]

(🏠) ➔ ◄/► [檔案] ➔ (執行) or (◄┘ 段落更換) ➔ ▲/▼ Select a file ➔
(執行) or (◄┘ 段落更換) ➔ ▲/▼ [列印] ➔ (執行) or (◄┘ 段落更換) ➔ ▲/▼
Select the number of copies ➔ (列印), (執行) or (◄┘ 段落更換).

NOTE

To print a saved label from the file select screen, select a label using
▲ or ▼ and then press (列印).

■ [開啟舊檔]

(🏠) ➔ ◄/► [檔案] ➔ (執行) or (◄┘ 段落更換) ➔ ▲/▼ Select a file ➔
(執行) or (◄┘ 段落更換) ➔ ▲/▼ [開啟舊檔] ➔ (執行) or (◄┘ 段落更換).

NOTE

If the message [不儲存改變] appears, you have entered text on the
text entry screen. Press (執行) or (◄┘ 段落更換) to clear the entered text
and open the saved label. Press (取消) to cancel opening a saved label
and return to the previous screen.

■ **[刪除]**

((⌂)) ➔ ◀/▶ [檔案] ➔ (執行) or (↵ 段落更換) ➔ ▲/▼ Select a file ➔
(執行) or (↵ 段落更換) ➔ ▲/▼ [刪除] ➔ (執行) or (↵ 段落更換) ➔ The
message appears ➔ (執行) or (↵ 段落更換).

NOTE

To delete a saved label from the file select screen, select a label using

▲ or ▼ and then press (全部刪除).

RESETTING & MAINTAINING YOUR P-TOUCH

Resetting the P-touch

You can reset the internal memory of your P-touch when you want to clear all saved label files, or if the P-touch is not operating correctly.

#### ■ Resetting the Data Using the home key

$((\textcircled{a})) \rightarrow \blacktriangleleft/\blacktriangleright$ [設定] $\rightarrow$ ($\boxed{\text{執行}}$) or ($\boxed{\text{段落更換}}$) $\rightarrow \blacktriangle/\blacktriangledown$ [重設] $\rightarrow$ ($\boxed{\text{執行}}$) or

($\boxed{\text{段落更換}}$) $\rightarrow \blacktriangle/\blacktriangledown$ Select the resetting method $\rightarrow$ ($\boxed{\text{執行}}$) or ($\boxed{\text{段落更換}}$)

$\rightarrow$ A confirmation message appears $\rightarrow$ ($\boxed{\text{執行}}$) or ($\boxed{\text{段落更換}}$).

Value	Details
重設所有設定	Downloaded labels are NOT cleared. The contents in the file memory are also NOT cleared. Other data is cleared and all settings are reset to the factory settings.
清除所有內容	Downloaded labels are cleared. The contents in the file memory are also cleared. Other data is NOT cleared and settings are NOT reset.
回復出廠模式	All labels and customised settings are reset to the factory settings.

■ Resetting the Data to Factory Settings Using the P-touch Keyboard

NOTE

All text, format settings, option settings and saved label files are cleared when you reset the P-touch.

To reset all the labels and customised settings:

Turn off the P-touch. Press and hold down ($\boxed{\text{⇧Shift}}$) and ($\boxed{\text{倒退}}$).

While holding down ($\boxed{\text{⇧Shift}}$) and ($\boxed{\text{倒退}}$), press ($\textcircled{\circlearrowright}$) once and then

release ($\boxed{\text{⇧Shift}}$) and ($\boxed{\text{倒退}}$).

NOTE

Release ($\textcircled{\circlearrowright}$) before releasing the other keys.

To reset the customised settings:
(Downloaded label collections and the contents in the file memory are not reset.)

Turn off the P-touch. Press and hold down ($\boxed{\text{⇧Shift}}$) and ($\boxed{\text{R⊡}}$). While holding down ($\boxed{\text{⇧Shift}}$) and ($\boxed{\text{R⊡}}$), press ($\textcircled{\circlearrowleft}$) once and then release ($\boxed{\text{⇧Shift}}$) and ($\boxed{\text{R⊡}}$).

NOTE

Release ($\textcircled{\circlearrowleft}$) before releasing the other keys.

Maintenance

NOTE

Always remove the batteries and disconnect the AC adapter before cleaning the P-touch.

■ Cleaning the Unit

Wipe any dust and marks from the main unit using a soft, dry cloth. Use a slightly dampened cloth on difficult to remove marks.

NOTE

Do not use paint thinner, benzene, alcohol or any other organic solvent. These may deform the case or damage the appearance of your P-touch.

■ Cleaning the Print Head

Streaks or poor quality characters on printed labels generally indicates that the print head is dirty. Clean the print head using a cotton swab or the optional print head cleaning cassette (TZe-CL4).

Print head
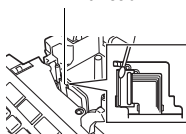
NOTE

- Do not touch the print head directly with your bare hands.
- Refer to the instructions provided with the print head cleaning cassette for directions on how to use it.

■ Cleaning the Tape Cutter

Tape adhesive can build up on the cutter blade after repeated use, taking the edge off the blade which may result in the tape jamming in the cutter.
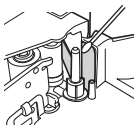
NOTE

- About once a year, wipe the cutter blade using a cotton swab slightly moistened with Isopropyl alcohol.
- Do not touch the cutter blade directly with your bare hands.

TROUBLESHOOTING

What to do when...

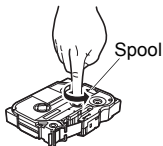| Problem	Solution
The screen 'locks', or the P-touch does not respond normally.	• *Refer to "Resetting the P-touch" on page 46 and reset the internal memory to the initial settings. If resetting the P-touch does not solve the problem, disconnect the AC adapter and remove the batteries for more than 10 minutes.*
The display remains blank after turning on the power.	• *Check that the batteries are correctly installed and that the AC adapter designed specifically for your P-touch is correctly connected. Check that the rechargeable battery is fully charged.*
The label does not print after pressing the Print key.	• *Check that text has been entered and that the tape cassette is installed correctly with sufficient tape remaining.* • *If the tape is creased, cut off the creased section and thread the tape through the tape exit slot.* • *If the tape is jammed, remove the tape cassette and then pull out the jammed tape and cut it. Check that the end of the tape passes through the tape guide before reinstalling the tape cassette.*
The label does not print correctly.	• *Remove the tape cassette and reinstall it, pressing it firmly until it clicks into place.* • *If the print head is dirty, clean it with a cotton swab or optional print head cleaning cassette (TZe-CL4).*
The ink ribbon is separated from the ink roller.	• *If the ink ribbon is broken, replace the tape cassette. If not, leave the tape uncut and remove the tape cassette, then wind the loose ink ribbon onto the spool as shown in the figure.* Spool
The P-touch 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 P-touch.*
Label files saved previously are now missing.	• *All files saved in the internal memory are deleted if the batteries are weak or the AC adapter is disconnected for more than two minutes.*
A tape jam which cannot be cleared keeps occurring.	• *Please contact Brother customer service.*

Problem	Solution
I do not know the version number of the firmware for the P-touch.	• *The version number and other information for the firmware can be confirmed by pressing the following keys:* *1. Press (⌂).* *2. Select [設定] using ◀ or ▶, and then press (執行) or (↵ 段落更換).* *3. Select [版本資訊] using ▲ or ▼, and then press (執行) or (↵ 段落更換).*

When an error message appears on the display

When an error message appears on the display, follow the directions provided below:

Message	Cause/Remedy
請檢查已輸入 **#** 數位！	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.
裁刀出錯！	The tape cutter was closed when you tried to print or feed tape. Turn the P-touch off and then on again before continuing. When tape is tangled in the cutter, remove the tape.
標籤超過最大長度！	The length of the label to be printed using the text entered is longer than 1 metre. Edit the text so that the length of the label is less than 1 metre.
內容已超過標籤長度	The length of the label to be printed using the text entered is longer than the length setting. Edit the text to fit within the set length or change the length setting.
系統錯誤 **xx!**	Please contact Brother customer service.
查無此碼！	There is no conversion candidate. Please confirm the text inputted and transform again.

Specifications

Item	Specification
Dimensions	Approx. 188 (W) × 177 (D) × 72 (H) mm
Weight	Approx. 740 g (without batteries and tape cassette)
Power supply	Six AA alkaline batteries (LR6), Six AA Ni-MH batteries (HR6) [*1], AC adapter (AD-E001)
Display	320 × 120 dot
Print height	15.8 mm max. (when using 18 mm tape) [*2]
Print speed	Maximum : Approx. 20 mm/sec. Actual print speed varies depending on the conditions
Tape cassette	Standard TZe tape cassette (3.5 mm, 6 mm, 9 mm, 12 mm, 18 mm widths)
No. of lines	18 mm tape: 1 - 5 lines; 12 mm tape: 1 - 3 lines; 9 mm tape: 1 - 2 lines; 6 mm tape: 1 - 2 lines; 3.5 mm tape: 1 line
Memory buffer size	Maximum 2,800 characters
File storage	Maximum 50 files
Auto Power-off	Battery: 5 min. [*3], AC adapter: 8 hours
Operation temperature/ humidity	10 - 35 °C / 20 - 80% humidity (without condensation) Maximum wet bulb temperature: 27 °C

*1 Visit us at support.brother.com for the latest information about recommended batteries.
*2 Actual character size may be smaller than maximum print height.
*3 When using the P-touch only. When connected to a PC, 1 hour.

System Requirements

OS	Windows	Windows Vista/Windows 7/Windows 8/Windows 8.1/Windows 10
	Macintosh	OS X v10.7.5/10.8.x/10.9.x/10.10.x/10.11.x
Hard disk	Windows	Disk space: 70 MB or more
	Macintosh	Disk space: 500 MB or more
Memory	Windows	Windows Vista: 512 MB or more Windows 7: 1 GB or more (32-bit) or 2 GB or more (64-bit) Windows 8/Windows 8.1/Windows 10: 1 GB or more (32-bit) or 2 GB or more (64-bit)
	Macintosh	OS X v10.7.5: 2 GB or more OS X v10.8.x: 2 GB or more OS X v10.9.x: 2 GB or more OS X v10.10.x: 2 GB or more OS X v10.11.x: 2 GB or more
Monitor	Windows	SVGA, high colour or higher graphics card
	Macintosh	256 colours or more

Please see the Brother support website (support.brother.com) for the latest compatible OS.

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