USER'S GUIDE

P-touch

PT-D600

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 http://support.brother.com/ where you can get product support and answers to frequently asked questions (FAQs).

ENGLISH

www.brother.com

INTRODUCTION

Thank you for purchasing the P-touch D600.
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.

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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
❗	Mandatory action		Unplugging is required
	DO NOT disassemble the product	⚠	Alerts to the possibility of electrical shock

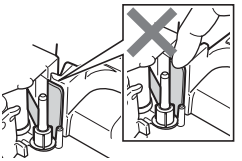
⚠ WARNING

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

- ❗ 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.
- ❗ 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.
- ❗ 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.
- Do not use a damaged adapter cord or power plug.
- 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.
- DO NOT touch the blade of the cutter unit.



⚠ CAUTION

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

- If leaked fluid from batteries gets on your skin or clothes, immediately rinse them with clean water.
- 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 compartment cover or battery compartment cover.
- Before using Ni-MH rechargeable batteries, carefully read the instructions for the batteries and battery charger, and be sure to use them correctly.
- When using Ni-MH rechargeable batteries, charge the batteries with a specialised battery charger before using the batteries.
- DO NOT open the tape compartment cover when operating the cutter unit.
- DO NOT apply excessive pressure to the cutter unit.

General Precautions

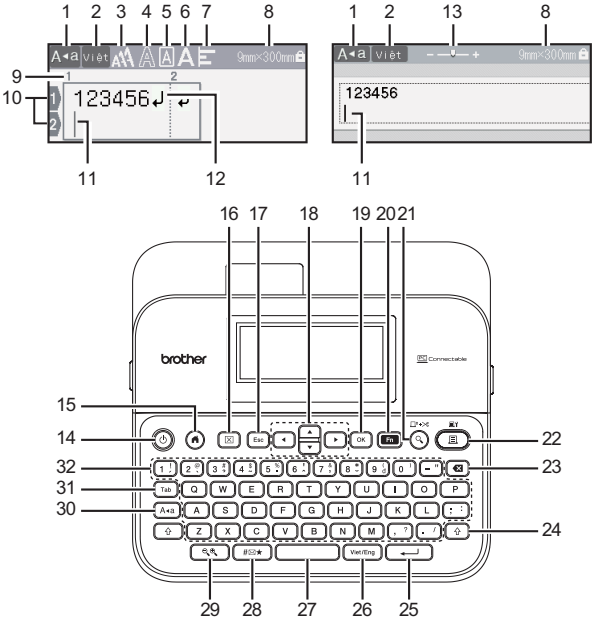
- Depending on the location, material, and environmental conditions, the label may unpeel or become irremovable, or the colour of the label may change or be transferred to other objects. Before applying the label, check the environmental conditions and the material.
- Do not use the P-touch in any way 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 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 (http://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.
- Be sure to read the instructions provided with Fabric Tape, Strong Adhesive Tape or other special tapes and observe all precautions noted in the instructions.
- **A protective clear plastic sticker is placed over the display during manufacturing and shipping. This sticker should be removed prior to use.**

Unpacking Your P-touch

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

LCD Display & Keyboard

Print Preview Mode **Label View Mode**



The default language is [Vietnamese].

1. **Caps mode**
2. **Input mode**
3-7. **Style guidance**
8. **Tape width x Label length**
9. **Block number**
10. **Line number**
11. **Cursor**
12. **Return mark**
13. **Zoom**
14. **Power**
15. **Home**
16. **Clear**
17. **Esc**
18. **Cursor**
19. **OK**
20. **Function**
21. **Preview**
22. **Print**
23. **Backspace**
24. **Shift**
25. **Enter**
26. **Viet/Eng**
27. **Space**
28. **Symbol**
29. **Scale/Zoom**
30. **A◂a**
31. **Tab**
32. **Letter**

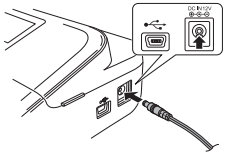
NOTE

- When the caps mode is on, all characters you type will be in uppercase letters.
- Use (⇧) 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 (⇧) to go to the beginning of the previous or next block.
- Use ◀ or ▶ with (⇧) to go to the beginning or end of the current line.
- While selecting the settings, press ( ) to go back to the default item.
- Unless otherwise mentioned, press (Esc) to cancel any operation.
- Press (⌂) to return to the home screen.
- Label length shown on the LCD may slightly differ from the actual label length when printed.
- Use (Viet/Eng) to switch the inputting mode between Vietnamese and English.

Power Supply and Tape cassette

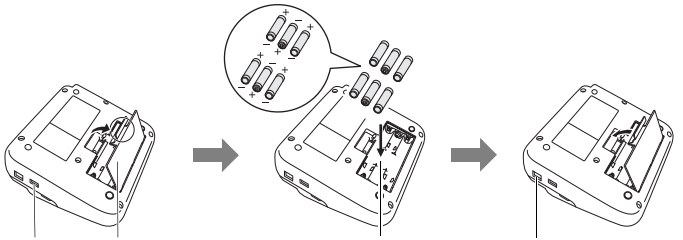
■ When using AC adapter (AD-E001)

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

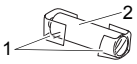


NOTE

- 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.

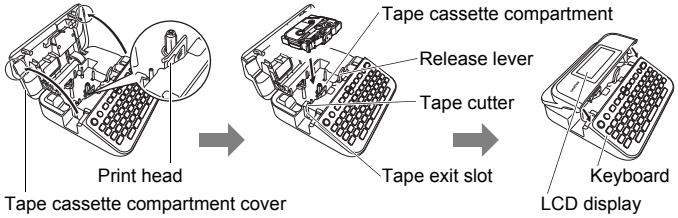
(Battery insulation example)
1. Cellophane tape
2. Alkaline or Ni-MH battery



⚠ 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



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 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 (⏻) to turn the P-touch on.

Press (⏻) 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 53.

Setting Language and Unit

■ Language

When you turn on the P-touch for the first time, you are asked to set the default language. Select your language using ◀ or ▶, and then press (OK) or (↵).

(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Language] ➔ (OK) or (↵) ➔ ▲/▼ [English/Vietnamese] ➔ (OK) or (↵).

■ Unit

The default setting is [mm].

(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Unit] ➔ (OK) or (↵) ➔ ▲/▼ [mm/inch] ➔ (OK) or (↵).

Turning Tape Colour Detection On/Off

When using the label view mode, if tape colour detection is set to [On], the P-touch detects the colour of the tape cassette and displays the label image on the LCD screen according to the colour of the tape cassette. This enables you to display a more accurate preview of the label that you are creating. The default setting is [On].

(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Tape Color] ➔ (OK) or (↵) ➔ ▲/▼ [On/Off] ➔ (OK) or (↵).

NOTE

Depending on the tape cassette you are using, the P-touch cannot detect the colour of the tape cassette. In this case, the label image on the LCD screen will display as black text on a white background.

Feeding Tape

■ Feed & Cut

To feed and cut the tape, press the following keys:

(⇧) + (🔍) ➔ ▲/▼ [Feed & Cut] ➔ (OK) or (↵).

■ Feed only

To feed the tape, press the following keys:

(⇧) + (🔍) ➔ ▲/▼ [Feed Only] ➔ (OK) or (↵).

NOTE

Feed Only function is recommended when using Fabric Tape, which should be cut using scissors.

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. 15
- Entering Symbols P. 21
- Using Auto-Format Layouts P. 23

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:

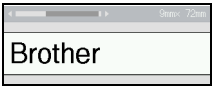
[LABEL PRINTING]

- Printing labels P. 40
- Setting tape cutting options P. 41
- Printing from the Label Collection P. 44

NOTE

Before printing, you can check the layout of your label using the preview function.
Refer to “Previewing Labels” on page 40.

Example of the preview screen:



■ **Create a label by connecting your labeller to a PC**

[GETTING STARTED]
This labeller 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 labeller connected to a computer, attach your labeller 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.
P-touch Transfer Manager (Windows® only)	Allows you to transfer up to 9 label templates to the P-touch and save backups of your data on the computer.

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 http://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:

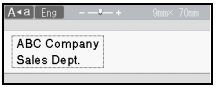
Setting Input Mode

The default setting is [Label View].

■ Label View Mode

The character attributes, frames and some other settings are shown on the LCD screen while creating a label. This enables you to easily check what the label will look like.

Example:



(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Input Mode] ➔ (OK) or (↵) ➔ ▲/▼ [Label View] ➔ (OK) or (↵).

NOTE

You can press (🔍) to change the magnification of the LCD screen. This enables you to switch to a magnification that is comfortable for creating labels.

■ Print Preview Mode

The character attributes, frames and some other settings are not shown on the LCD screen while creating a label. You can check what the label will look like using the preview function. Refer to “Previewing Labels” on page 40.

Example:

(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Input Mode] ➔ (OK) or (↵) ➔ ▲/▼ [Print Preview] ➔ (OK) or (↵).

EDITING A LABEL

Entering and Editing Text

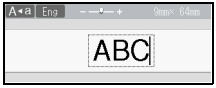
■ Entering Text from the Keyboard

(⌂) ➔ ◀/▶ [Create Label] ➔ (OK) or (↵) ➔ Enter the character.

■ Adding a New Line

Move the cursor to the end of the current line and press (↵).

Line 1



Line 2

Label image

ABC
DEF

NOTE

- There is a maximum number of lines of text that can be entered for each tape width. A maximum of 7 lines for 24 mm tape, 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.
- When [Input Mode] is set to [Label View], if you press (↵) to add a new line and there is already a maximum number of lines of text that can be entered for the tape you are using, [Too Many Lines!] will display. When [Input Mode] is set to [Print Preview], if you press (↵) and seven lines already exist, [Too Many Lines!] will display. Press (Esc) 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 (⇧) and (↵). 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 (⇧) and (↵) when five blocks already exist, [Too Many Blocks!] will display. Press (Esc) or any other key to clear the error message.

■ Deleting Text

By pressing (⌫), the letters will be deleted one by one.
To delete all text:

(☒) ➔ ▲/▼ [Text Only] ➔ (OK) or (↵).

To delete all text and format settings:

(☒) ➔ ▲/▼ [Text&Format] ➔ (OK) or (↵).

■ Inserting a Tab

To insert a tab, press the following keys.

When using the print preview mode, the symbol (T) will then appear on the screen.

(Fn) ➔ ▲/▼ [Tab] ➔ (OK) or (↵).

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 (⌫).

To change the tab length:

(Fn) ➔ ▲/▼ [Tab Length] ➔ (OK) or (↵) ➔ ▲/▼ [0-100 mm] ➔ (OK) or (↵) ➔ (Esc) 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 (OK) or (↵) and then (OK) or (↵) again.

■ Entering Accented Characters

Press the base character, then press the accent keys in sequence to add your desired accents.
Accents added using the accent keys can be removed by pressing the keys again, and the number will be displayed.

Press (⌫) to remove the number.

Press (⌫) to remove your desired accents.

Setting Character Attributes ([Font]/[Size]/[Width]/[Style]/[Line]/[Align])

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

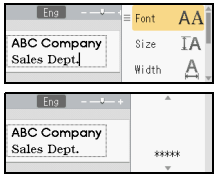
■ Setting Character Attributes by Label

((Fn)) ➔ ▲/▼ Select an attribute ➔ ((OK)) or ((↵)) ➔ ▲/▼ Set a value for the attribute ➔ ((OK)) or ((↵)) ➔ ((Esc)) 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 ((⇧)) and ((Fn)) to display the attributes.

NOTE



- (☰) displayed on the left side of the character attribute that appears when you press ((⇧)) and ((Fn)) 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 ((Fn)), select an attribute using ▲ or ▼, and then press ((OK)) or ((↵)). When you change the setting on this screen and then press ((Esc)) to go back to the text entry screen, the same change will be applied to all lines of the label.
- When [Size] is set to [Auto], the actual printed font size depends on the tape width, number of characters and number of input lines. Once characters reach a minimum size, the selected font will default to a custom font which is based on the Helsinki style. This allows labels to print using the smallest text possible on narrow or multi-line labels.
- The 6 point font only prints in Helsinki, no other font type.
- When [Size] is set to [Auto] 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
Font	**Helsinki**	A1	Font	Adams	A1
	Brussels	A1		Sofia	A1
	Los Angeles	A1		Letter Gothic	A1
	Atlanta	A1			
Size	**Auto**	When Auto is selected, the text is automatically adjusted to print in the largest size available in the font settings for each tape width.	Size	24 pt	A
	6 pt	A		36 pt	A
	9 pt	A		42 pt	A
	12 pt	A		48 pt	A
	18 pt	A			
Width	**x 1**	A	Width	x 1/2	A
	x 3/2	A		x 2/3	A
	x 2	A			

Attribute	Value	Result	Attribute	Value	Result
Style	**Normal**	A	Style	Italic Bold	A
	Bold	A		Italic Outline	A
	Outline	A		Italic Shadow	A
	Shadow	A		Italic Solid	A
	Solid	A		Vertical	A
	Italic	A		Vertical Bold	A
Line	**Off**	A	Line	STR	A
	UND	A			
Align	**Left**	ABC	Align	Right	ABC
	Center	ABC		Just	A B C

- When printing labels that contain both alphanumeric characters or symbols and Vietnamese characters, the height of the alphanumeric characters or symbols will automatically be short to match the height of the Vietnamese characters. If multiple labels are printed, the height of the alphanumeric characters or symbols will be short for all labels if any of the labels contains Vietnamese.

■ Setting Auto Fit Style

When [Size] is set to [Auto] and [Length] is set to a specific length, you can reduce the text size to fit within the label length. When [Text Size] is selected, the total text size is modified to fit within the label. When [Text Width] is selected, the text width will be reduced to the size of x 1/2 setting.

(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Auto Fit Style] ➔ (OK) or (↵) ➔ ▲/▼ [Text Size/Text Width] ➔ (OK) or (↵).

Setting Frames

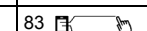
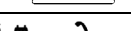
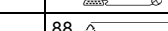
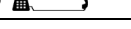
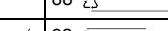
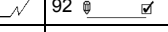
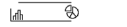
(Fn) ➔ ▲/▼ [Frame] ➔ (OK) or (↵) ➔ ▲/▼/◀/▶ Select a frame ➔ (OK) or (↵).

NOTE

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

Frames

Frames			
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

Frames			
77	78	79	80
81	82	83 	84
85	86 	87	88 
89	90 	91	92 
93	94	95	96 
97	98 	99	

Entering Symbols

■ Entering Symbols Using the Symbol Function

((#✉★)) ➔ ▲/▼ Select Category ➔ (OK) or (↵) ➔ ▲/▼/◀/▶ Choose a symbol ➔ (OK) or (↵).

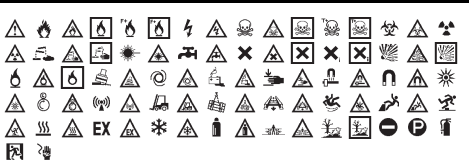
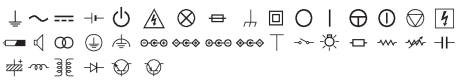
■ Setting Symbol History

Up to 30 recently used symbols are added to [History]. The default setting is [On].

((⌂)) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Symbol History] ➔ (OK) or (↵) ➔ ▲/▼ [On/Off] ➔ (OK) or (↵).

Symbol List

Category	Symbols
Punctuation	. , : ; " ' • ? ! ¿ ¡ – & ~ _ \ / * @ #
BracketArrow	( ) [ ] < > « » 【 】 ➡ ⬅ ⬆ ⬇ ➠ ⬸ ⇞ ⇟ ↔ ⇄ ↕ ⤮ ⟲ §
Mathematics	+ − × ÷ ± = ≧ ≦ ≠ ∴ α β γ δ μ Ω Φ Σ ª º 0 1 2 3 4 5 6 7 8 9 ¼ ½ ¾ Ⅰ Ⅱ Ⅲ Ⅳ Ⅴ Ⅵ Ⅶ Ⅷ Ⅸ Ⅹ
Currency Unit	% ₫ $ ¢ € £ ¥ ₺ ° ft. in. ㎡ ㎥ cc ℓ oz. lb. °F ℃

Category	Symbols
Safety	
Prohibited	
Sign	
Electrical	
Audio/Visual	
Business	
Professional	
Event	
Vehicle	
Personal	
Nature/Earth	

Category	Symbols
Pictograph	

Setting Label Attributes ([Length]/[Cut Option]/[Tab Length])

Length : [Length] can be set within the range 30 - 300 mm. When [Auto] is selected, the length of the label is automatically adjusted based on the amount of text entered.
Cut Option : Refer to “Setting Tape Cutting Options” on page 41.
Tab Length: Refer to “To change the tab length:” on page 16.

((Fn)) ➔ ▲/▼ Select an attribute ➔ ((OK)) or (↵) ➔ ▲/▼ Set a value for the attribute ➔ ((OK)) or (↵) ➔ ((Esc)) 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 ((OK)) or (↵) and then ((OK)) or (↵) 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:

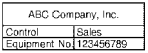
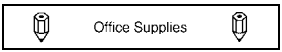
(⌂) ➔ ◀/▶ [Auto Format] ➔ (OK) or (↵) ➔ ▲/▼ [Templates] ➔ (OK) or (↵) ➔ ▲/▼ [Asset Management] ➔ (OK) or (↵) ➔ ▲/▼ [Asset Tag 1] ➔ (OK) or (↵) ➔ Enter the text ➔ (OK) or (↵) ➔ Enter the text for the next field ➔ (OK) or (↵) ➔ ▲/▼ Select an attribute for barcode ➔ ◀/▶ Set a value for the attribute ➔ (OK) or (↵) ➔ Type in the barcode data ➔ (OK) or (↵) ➔ ▲/▼ [Print] ➔ (OK) or (↵) ➔ ▲/▼ Select the number of labels to be printed ➔ (🖹), (OK) or (↵).

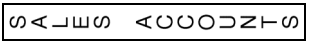
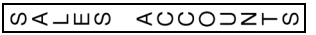
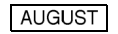
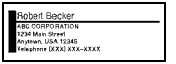
NOTE

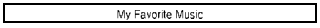
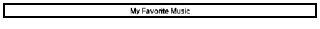
- For details on barcodes, refer to “Creating a Barcode Label” on page 32.
- On the print menu screen:
  - Select [Edit] to change the text data or the barcode setup.
  - Select [Save] to store the label to the file memory.
    For the file memory, refer to “USING THE FILE MEMORY” on page 46.
  - Select [Menu] to change the font or style settings.
  - Select [Preview] to preview the label before printing. Press (🔍) to change the magnification of the LCD screen.
  - Select [Print Options] to set the print settings. For details, refer to “Numbering Printing” on page 41 or “Mirror Printing” on page 41.

- 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 (Esc) 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, [Text Too Long!] will display when (OK) or (↵) is pressed. Press (Esc) or any other key to clear the error message, and edit the text using fewer characters.

Templates

Category	Value	Details
Asset Management	Asset Tag 1	(24 x 70 mm)
	Asset Tag 2	(18 x 70 mm)
	Bin Box 1	(24 x 76 mm)
	Bin Box 2	(18 x 76 mm)
	Equipment Label 1	 (24 x 58 mm)
	Equipment Label 2	(18 x 58 mm)
Cabinet	Cabinet Label 1	(18 x 111 mm)
	Cabinet Label 2	(18 x 111 mm)
	Cabinet Label 3	(24 x 126 mm)
	Cabinet Label 4	 (24 x 160 mm)

Category	Value	Details
Signage	Signage 1	(24 x 126 mm)
	Signage 2	(24 x 66 mm)
File	Binder Spine 1	 (24 x 219 mm)
	Binder Spine 2	 (18 x 219 mm)
	File Folder Tab	(12 x 82 mm)
	Divider Tab	 (12 x 42 mm)
Address/ID	Address Label 1	 (24 x 70 mm)
	Address Label 2	(18 x 70 mm)
	Name Badge 1	(24 x 72 mm)
	Name Badge 2	(18 x 72 mm)
	Name Badge 3	(18 x 72 mm)

Category	Value	Details
Media	SD Card Label	(12 x 25 mm)
	USB Flash Memory	(9 x 25 mm)
	CD Case Spine 1	 (6 x 113 mm)
	CD Case Spine 2	 (3.5 x 113 mm)
Cable Labeling	Flag 1	(12 x 90 mm)
	Flag 2	(12 x 90 mm)
	Cable Wrap 1	(24 x 39 mm)
	Cable Wrap 2	(18 x 39 mm)
	Faceplate (VRT)	(12 x 70 mm)

■ Using Block Layouts

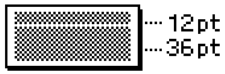
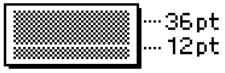
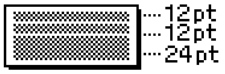
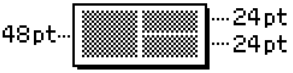
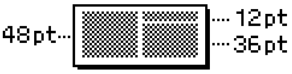
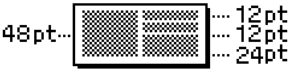
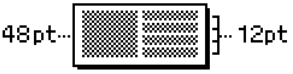
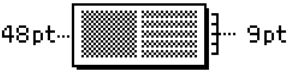
Simply select a layout from the block layouts, enter the text and apply formatting as desired.

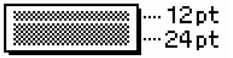
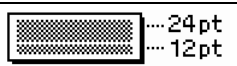
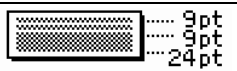
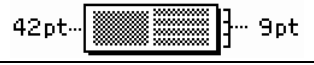
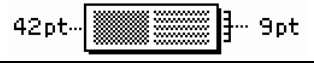
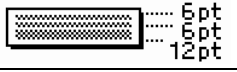
(⌂) ➔ ◀/▶ [Auto Format] ➔ (OK) or (↵) ➔ ▲/▼ [Block Layouts] ➔ (OK) or (↵) ➔ ▲/▼ Select a tape width ➔ (OK) or (↵) ➔ ▲/▼ Select a block layout ➔ (OK) or (↵) ➔ Enter the text ➔ (OK) or (↵) ➔ Repeat for each text field ➔ (OK) or (↵) to display the print menu ➔ ▲/▼ [Print] ➔ (OK) or (↵) ➔ ▲/▼ Select the number of labels to be printed ➔ (🖶), (OK) or (↵).

NOTE

- On the print menu screen:
  - Select [Edit] to change the text data or the barcode setup.
  - Select [Save] to store the label to the file memory.
    For the file memory, refer to “USING THE FILE MEMORY” on page 46.
  - Select [Menu] to change the font, align or frame settings.
  - Select [Preview] to preview the label before printing. Press (🔍) to change the magnification of the LCD screen.
  - Select [Print Options] to set the print settings. For details, refer to “Numbering Printing” on page 41 or “Mirror Printing” on page 41.
- 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 (Esc) or any other key to clear the error message, and insert a tape cassette of the correct width.

Block Layouts

Attribute	Value	Details
24mm	2LineA	
	2LineB	
	3Line	
	1+2LineA	
	1+2LineB	
	1+3Line	
	1+4Line	
	1+5Line	

Attribute	Value	Details
18mm	2LineA	
	2LineB	
	3Line	
	1+2LineA	
	1+2LineB	
	1+3Line	
	1+4Line	
	1+5Line	
12mm	2LineA	
	2LineB	
	3Line	
	1+2Line	

Attribute	Value	Details
9mm	2LineA	
	2LineB	
	1+2Line	
6mm	1+2Line	

■ Using Table Format

You can set the number of rows and columns for a label to easily create a template.

(⌂) ➔ ◀/▶ [Auto Format] ➔ (OK) or (↵) ➔ ▲/▼ [Table Format] ➔ (OK) or (↵) ➔ ▲/▼ Select a tape width ➔ (OK) or (↵) ➔ ▲/▼ [Rows] ➔ ◀/▶ Set a value ➔ ▲/▼ [Columns] ➔ ◀/▶ Set a value ➔ (OK) or (↵) ➔ Enter text ➔ (OK) or (↵) ➔ Repeat for each text field ➔ (OK) or (↵) ➔ ▲/▼ [Print] ➔ (OK) or (↵) ➔ ▲/▼ Select the number of labels to be printed ➔ (🖶), (OK) or (↵).

NOTE

- There is a maximum number of rows of text that can be entered for each tape width. A maximum of 7 rows for 24 mm tape, 5 rows for 18 mm tape, 3 rows for 12 mm tape, 2 rows for 9 mm and 6 mm tape.
- 3.5 mm tape cannot be used for table format.
- On the print menu screen:
  - Select [Edit] to change the text data or the barcode setup.
  - Select [Save] to store the label to the file memory.
    For the file memory, refer to “USING THE FILE MEMORY” on page 46.
  - Select [Menu] to change the font, align or frame settings.

- Select [Preview] to preview the label before printing. Press ( ) to change the magnification of the LCD screen.
- Select [Print Options] to set the print settings. For details, refer to "Numbering Printing" on page 41 or "Mirror Printing" on page 41.

• If the width of the current tape cassette does not match the width for the layout, an error message will display when you try to print the label. Press (Esc) or any other key to clear the error message, and insert a tape cassette of the correct width.

■ Printing Transferred Labels (For Windows®)

You can transfer labels created with P-touch Editor to the P-touch for printing. To print the labels transferred from the P-touch Editor, press the following keys:

( ) ➔ ◀/▶ [Auto Format] ➔ (OK) or ( ) ➔ ▲/▼ [Transferred Labels] ➔ (OK) or ( ) ➔ ▲/▼ Select a transferred label ➔ (OK) or ( ) ➔ ▲/▼ [Print] ➔ (OK) or ( ) ➔ ▲/▼ Select the number of labels to be printed ➔ ( ), (OK) or ( ).

NOTE

[Transferred Labels] can be selected when a label created with the P-touch Editor has been transferred to the P-touch.
For details on the Transfer Manager, visit our website at http://support.brother.com

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 [Large] setting for [Width] whenever possible. Some barcode readers may not be able to read barcode labels created using the [Small] 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

(Fn) ➔ ▲/▼ [Bar Code] ➔ (OK) or (↵) ➔ ▲/▼ Select an attribute ➔ ◀/▶ Set a value for the attribute ➔ (OK) or (↵) ➔ Type in the barcode data ➔ (#) ➔ ▲/▼ Select a character ➔ (OK) or (↵) ➔ (OK) or (↵).

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 (OK) or (↵) to insert the barcode in the label.

Barcode Settings

Attribute	Value
Protocol	**CODE39**, CODE128, EAN-8, EAN-13, GS1-128 (UCC/EAN-128), UPC-A, UPC-E, I-2/5 (ITF), CODABAR
Width	**Small**
	Large
Under# (characters printed below barcode)	**On**
	Off
C.Digit (check digit)	**Off**
	On (only available for the CODE39, I-2/5 and CODABAR protocols)

Special Character List

CODE39

Special Character
-
.
(SPACE)
$
/
+
%

CODABAR

Special Character
-
$
:
/
.
+

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

Special Character			
(SPACE)	!	"	#
$	%	&	'
(	)	*	+
,	-	.	/
:	;	<	=
>	?	@	[
\	]	^	_
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	~

Special Character			
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 (Fn), selecting [Bar Code] using ▲ or ▼, and then pressing (OK) or (↵).
To delete a barcode from a label, position the cursor to the right of the barcode mark on the data entry screen and press (⌫).

Using Time & Date Function

You can add the time and date to your label.

■ Clock Setting

Set the time and date in the clock setting. After setting the time and date you can add this information to your label by using the Time & Date function.

(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Set Clock] ➔ (OK) or (↵) ➔ ▲/▼/◀/▶ Set all time and date settings as displayed ➔ (OK) or (↵) to apply the settings.

NOTE

- You can also set the time and date by typing in the desired numbers.
- The clock will activate from when the clock setting is applied.
- For the backup of clock setting, when the AC adapter is unplugged, use AA alkaline batteries (LR6) or fully charged Ni-MH batteries (HR6).

■ Time & Date Format Setting

You can select from various formats of the time and date to add to your label.
The indication of time can be selected between analog and digital style.

(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Time & Date Format] ➔ (OK) or (↵) ➔ ▲/▼ [Date/Time] ➔ ◀/▶ Set the format ➔ (OK) or (↵) to apply the settings.

Time & Date Format Options

Attribute	Value	Attribute	Value
Date	**31/12/2099**	Date	12.31.2099
	31.12.2099		12-31-2099
	31-12-2099		December 31, 2099
	31. December 2099		Dec. 31, 2099
	31. Dec. 2099		2099/12/31
	12/31/2099		2099-12-31
Time	**23:59**	Time	11:59 PM

NOTE

The date and time used for the value is a sample setting. When a format is selected, the time and date set in the clock setting will appear in the selected format style.

■ **Time Stamp Setting**

[Timing]

You can select whether to print the date/time of when your label is printed or a fixed date/time you have previously set.

(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Time Stamp Setting] ➔ (OK) or (↵) ➔ ▲/▼ [Timing] ➔ ◀/▶ [Auto/Fixed] ➔ (OK) or (↵) to apply the settings.

Time Stamp: Timing Options

Attribute	Value	Description
Timing	**Auto**	Press (Fn), select [Time Stamp] by using ▲ or ▼ and then press (OK) or (↵); the current date/time (a future date/time or a past date/time when [Forward] is set) and a clock icon will be inserted where the cursor is positioned on the text input screen. When you press (🖶), (OK) or (↵) to print, the latest date/time will be printed on the label where the date/time and the clock icon are positioned on the label layout.
	Fixed	Press (Fn), select [Time Stamp] by using ▲ or ▼ and then press (OK) or (↵); the current date/time will be inserted where the cursor is positioned on the text input screen. When you press (🖶), (OK) or (↵) to print, the date/time will be printed as shown on the input screen.

NOTE

When [Auto] is selected for the Timing setting and a clock icon is added to the text by pressing (Fn), selecting [Time Stamp] by using ▲ or ▼ and then pressing (OK) or (↵), you can confirm what settings

applied for the icon by positioning the cursor to the left of the clock icon, and then pressing (Fn), selecting [Time Stamp] by using ▲ or ▼ and then pressing (OK) or (↵).

[Format]
You can select which information to use when adding date and time to your label.

(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Time Stamp Setting] ➔ (OK) or (↵) ➔ ▲/▼ [Format] ➔ ◀/▶ Select the value for the setting ➔ (OK) or (↵) to apply the settings.

Time Stamp: Format Options

Attribute	Value	Description
Format	**Date**	Date only will be printed on the label.
	Date & Time	The date and time will be printed on the label.
	Time	Time only will be printed on the label.
	Time & Date	The time and date will be printed on the label.

[Forward]
You can select whether to use a future date and time, a past date and time or the current date and time when using the Time & Date function.

(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Time Stamp Setting] ➔ (OK) or (↵) ➔ ▲/▼ [Forward] ➔ ◀/▶ [On] to specify the amount of date and time to increase or decrease ➔ (OK) or (↵) ➔ ▲/▼ [Add/Reduce] ➔ ◀/▶ Choose the year, month, week, date, hour or minute ➔ ▲/▼ Set the amount to increase or decrease from the currently set clock ➔ After all parameters are set, (OK) or (↵) to apply the settings.

NOTE

You can also set the date and time by typing in the desired numbers.

Time Stamp: Forward Options

Attribute	Value	Description
Forward	On	The time/date will be increased or decreased according to the value selected in the Forward setting.
	Off	Current time/date will be printed.

■ Changing and Deleting the Time & Date Settings

To change the Time & Date settings, position the cursor to the left of the clock icon on the text entry screen and then open the time stamp setting screen by pressing (Fn), selecting [Time Stamp] by using ▲ or ▼ and then pressing (OK) or (↵).

To delete a time stamp from a label, position the cursor to the right of the clock icon on the text entry screen and press (⌫).

LABEL PRINTING

Previewing Labels

You can preview the text before printing.

(Q).

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

Press (Q) to change the magnification of the preview.

NOTE

To scroll the preview to the left, right, top or bottom corners, press (⇧) and ◀, ▶, ▲ or ▼.

Printing Labels

NOTE

- To prevent damage to the tape, do not touch any key while the message [Printing...Copies] or [Feeding Tape...Please Wait] 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.

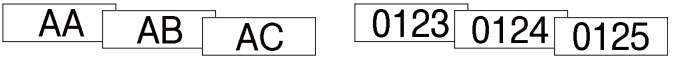
■ Single and Multiple Copy Printing

(🖷) ➔ ▲/▼ Change the number of copies ➔ (🖷), (OK) or (↵).

NOTE

- If you need only 1 copy of the label, press (🖷), (OK) or (↵) without selecting the number of copies.
- The number of copies can also be specified by pressing a number key.

■ **Numbering Printing**



(⇧) + (🖷) ➔ ▲/▼ [Number] ➔ (OK) or (↵) ➔ ◀/▶ Select start point ➔ (OK) or (↵) ➔ ◀/▶ Select end point ➔ (OK) or (↵) ➔ ▲/▼ Select the number of labels to be printed ➔ (🖷), (OK) or (↵).

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

■ **Mirror Printing**

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

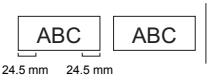
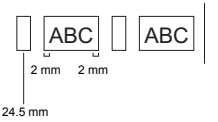
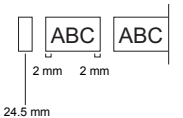
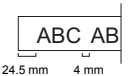
(⇧) + (🖷) ➔ ▲/▼ [Mirror] ➔ (OK) or (↵) ➔ (🖷), (OK) or (↵).

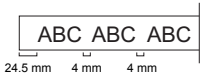
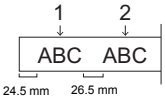
Setting Tape Cutting Options

■ **[Large Margin]/[Small Margin]/[Chain]/[No Cut]/[Special tape]**

(Fn) ➔ ▲/▼ [Cut Option] ➔ (OK) or (↵) ➔ ▲/▼ [Large Margin/Small Margin/Chain/No Cut/Special tape] ➔ (OK) or (↵) to apply the settings.

Tape Cutting Options

Setting	Description	Example
Large Margin	Automatically cuts the tape after each label is printed, leaving a margin of 24.5 mm on each end.	
Small Margin	Automatically cuts a piece of blank tape before printing the first label and then cuts the tape after each label is printed, leaving a 2 mm margin at both ends of each label.	
Chain	• Automatically cuts a piece of blank tape before printing the first label and then cuts the tape after each label is printed, leaving a 2 mm margin at both ends of each label. • Once the last label is printed, the tape is not fed and cut. Press (⇧) and (🔍) to feed and cut the tape.	
No Cut	• Select this setting when printing multiple copies of a label and you do not want the labels cut after each label is printed, or when using Fabric Tapes or other special tapes that cannot be cut by the tape cutter of the P-touch. • Once the label is printed, the tape is not fed and cut. ・Press (⇧) and (🔍) to feed and cut the tape. ・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.	

Setting	Description	Example
Special tape	• Select this setting when using special tape. • When using Fabric Tapes or Heat Shrink Tube, select [Special tape] for Cut Options 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:  • When a label is printed two times:  1. 1st print 2. 2nd print

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.

(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Adjust Length] ➔ (OK) or (↵) ➔ ◀/▶ [-3 - +3] ➔ (OK) or (↵).

NOTE

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

Printing from the Label Collection

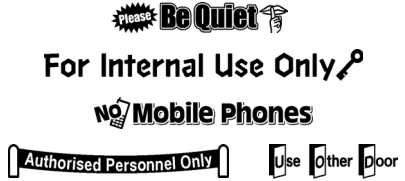
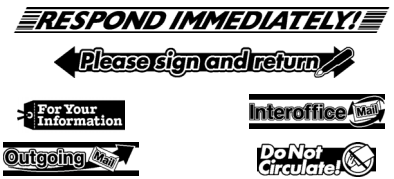
■ Printing a label from the label collection stored in the P-touch

(⌂) ➔ ◀/▶ [Label Collection] ➔ (OK) or (↵) ➔ ▲/▼ Select a category ➔ (OK) or (↵) ➔ ▲/▼ Select a label ➔ (OK) or (↵) ➔ ▲/▼ [Language] ➔ (OK) or (↵) ➔ ▲/▼ Select the desired language ➔ (OK) or (↵) ➔ Check the label image ➔ (OK) or (↵) ➔ ▲/▼ [Print] ➔ (OK) or (↵) ➔ ▲/▼ Select the number of copies ➔ (🖶), (OK) or (↵).

NOTE

- Only 12, 18 or 24 mm tape can be used for Label Collection.
- The tape color will not be displayed when using the Label Collection Feature.

Label Collection List

Category	Label
Files	
Office signage	
Communication	
Attention	
Retail	

* 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 labeller.
To download the new label collection categories, please visit the Brother Solutions Center at: http://support.brother.com

Saving Label Files

You can save up to 99 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 ➔ (Fn) ➔ ▲/▼ [Save] ➔ (OK) or (↵) ➔ ▲/▼ Select a file ➔ (OK) or (↵).

Printing, Opening, Deleting, or Marking a Saved Label

■ **[Print]**

(⌂) ➔ ◀/▶ [File] ➔ (OK) or (↵) ➔ ▲/▼ Select a file ➔ (OK) or (↵) ➔ ▲/▼ [Print] ➔ (OK) or (↵) ➔ ▲/▼ Select the number of copies ➔ (🖶), (OK) or (↵).

NOTE

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

■ **[Open]**

(⌂) ➔ ◀/▶ [File] ➔ (OK) or (↵) ➔ ▲/▼ Select a file ➔ (OK) or (↵) ➔ ▲/▼ [Open] ➔ (OK) or (↵).

NOTE

If the message [Discard changes and open saved label?] appears, you have entered text on the text entry screen. Press (OK) or (↵) to clear the entered text and open the saved label. Press (Esc) to cancel opening a saved label and return to the previous screen.

■ **[Delete]**

(⌂) ➔ ◀/▶ [File] ➔ (OK) or (↵) ➔ ▲/▼ Select a file ➔ (OK) or (↵) ➔ ▲/▼ [Delete] ➔ (OK) or (↵) ➔ The message appears ➔ (OK) or (↵).

NOTE

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

■ **[Marking]**

Saved files can be divided into eight categories by using eight colours for management.
The colour set for a file is displayed on the left side of the file name on the file selection screen.

(⌂) ➔ ◀/▶ [File] ➔ (OK) or (↵) ➔ ▲/▼ Select a file ➔ (OK) or (↵) ➔ ▲/▼ [Marking] ➔ (OK) or (↵) ➔ ▲/▼ Select a marking ➔ (OK) or (↵).

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

(⌂) ➔ ◀/▶ [Settings] ➔ (OK) or (↵) ➔ ▲/▼ [Reset] ➔ (OK) or (↵) ➔ ▲/▼ Select the resetting method ➔ (OK) or (↵) ➔ A confirmation message appears ➔ (OK) or (↵).

NOTE

When selecting [Reset All Settings] or [Factory Default] for the resetting method, you are asked to set a default language at the end of the resetting procedure.

Value	Details
Reset All Settings	Downloaded labels and transferred 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.
Erase All Content	Downloaded labels and transferred labels are cleared. The contents in the file memory are also cleared. Other data is NOT cleared and settings are NOT reset.
Factory Default	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. Language and unit settings will also be cleared.
- You are asked to set the default language at the end of the resetting procedure. For details, refer to “Setting Language and Unit” on page 10.

To reset all the labels and customised settings:

Turn off the P-touch. Press and hold down (⇧) and (⌫).

While holding down (⇧) and (⌫), press (⏻) once and then release (⇧) and (⌫).

NOTE

Release (⏻) before releasing the other keys.

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

Turn off the P-touch. Press and hold down (⇧) and (R). While holding down (⇧) and (R), press (⏻) once and then release (⇧) and (R).

NOTE

Release (⏻) before releasing the other keys.

Maintenance

NOTE

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

■ Cleaning the Unit

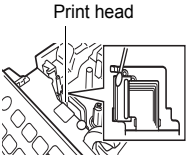
Wipe any dust and marks from the main unit using a soft, dry cloth. Use a slightly dampened cloth on difficult to remove marks.

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).

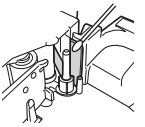


NOTE

- 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.

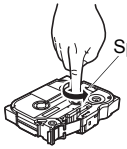


NOTE

- 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 48 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 LCD messages are displayed in a foreign language.	• *Refer to "Setting Language and Unit" on page 10 to select your desired language.*
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 label is not cut automatically.	• *Check that the Cut Option setting is not set to Chain or No Cut, as the tape will not be fed after printing the label.* *Alternatively, press (⇧) and (✂) to feed and cut the tape.*
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.* 
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.*

Problem	Solution
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.*
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 (Home).* *2.Select [Settings] using ◀ or ▶, and then press (OK) or (↵).* *3.Select [Version information] using ▲ or ▼, and then press (OK) or (↵).*

When an error message appears on the display

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

Message	Cause/Remedy
Check # 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 Malfunction!	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.
Label Too Long!	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.
Text Too Long!	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.
Unable to use XX!	Please contact Brother customer service.

APPENDIX

Specifications

Item	Specification
Dimensions	Approx. 201 (W) x 192 (D) x 86 (H) mm
Weight	Approx. 950 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 x 120 dot
Print height	18.0 mm max. (when using 24 mm tape)[*2]
Print speed	Maximum: Approx. 30 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, 24 mm widths)
No. of lines	24 mm tape: 1 - 7 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 99 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 http://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
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
Monitor	Windows®	SVGA, high colour or higher graphics card
	Macintosh	256 colours or more

Please see the Brother Solutions Center (http://support.brother.com) for the latest compatible OS.

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