brother

TZe TAPE

P-touch
ELECTRONIC LABELING SYSTEM

PT-D210
User's Guide
English

With your new Brother P-touch label maker, you can create a wide variety of custom, self-adhesive labels. This label maker uses Brother "TZe" tapes from 0.13" (3.5mm) to 0.47" (12mm) widths. "TZe" tape cassettes are available in many colors and sizes. Visit **www.brother.com** for a complete list of tapes compatible with your machine.

Read this manual carefully before starting and keep the manual in a handy place for future reference.

Printed in China
LAH202001

Safety Precautions

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

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-24ES) for the P-touch labeler to prevent any damage or failure.
- Do not touch the P-touch labeler during a lightning storm.
- Do not use the P-touch labeler/AC adapter in places of high humidity such as bathrooms.
- Do not overload the power cord.
- Do not place heavy objects on, or damage 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 to the power outlet. Do not use an outlet that is loose.
- Do not allow the P-touch labeler/AC adapter/power plug/batteries to get wet, for example, by handling them with wet hands or spilling beverages 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 labeler/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 labeler if you notice abnormal odor, heat, discoloration, deformation or anything unusual while using or storing it.
- 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 generating heat.

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

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

- When the P-touch labeler is not being used, store it out of the reach of children. In addition, do not allow children to put the P-touch labeler parts or labels in their mouths. If any object has been swallowed, seek medical attention.
- Do not touch metal parts around the print head immediately after printing.
- Do not touch the cutter blade.
- 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 labeler.
- 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 its plus and minus ends reversed.
- Do not drop or hit the P-touch labeler/AC adapter.
- Do not press on the LCD display.
- Do not put your finger inside the P-touch labeler when you close the cassette 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 specialized battery charger before using the batteries.

General Precautions

- Depending on the location, material, and environmental conditions, the label may unpeel or become irremovable, the color 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 labeler in any way or for any purpose not described in this guide. Doing so may result in accidents or damage the P-touch labeler.
- Use only Brother TZe tapes with the P-touch labeler. Do not use tapes that do not have the **TZe TAPE** mark.
- Only use a soft, dry cloth to clean the labeler; never use alcohol or other organic solvents.
- Use a soft, lint free cloth to clean the print head. Never touch the print head directly with your hands.

- Do not put any foreign objects into the tape exit slot, AC adapter connector, battery compartment, etc.
- Do not place the P-touch labeler/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 labeler.
- Any data stored in memory will be lost due to failure, repair of the P-touch labeler, or if the battery expires.
- The P-touch labeler is not equipped with a charging feature for rechargeable batteries.
- The printed text may differ from the text that appears in the LCD.
- The length of the printed label may differ from the displayed label length.
- A protective clear plastic sticker it placed over the display during manufacturing and shipping. This sticker should be removed prior to use.
- When power is disconnected for more than three minutes, all text, format settings and any text files stored in the memory will be cleared.

1 GETTING STARTED

Power Supply and Tape Cassette
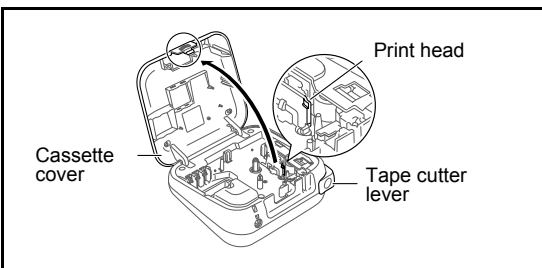
Open the cassette cover by pressing the above indicated area at the top end of the machine.

If a tape cassette is already installed, remove it by pulling it straight up. Also, if batteries are already installed, remove them.
- Make sure that the power is turned off when replacing batteries or tape cassettes.
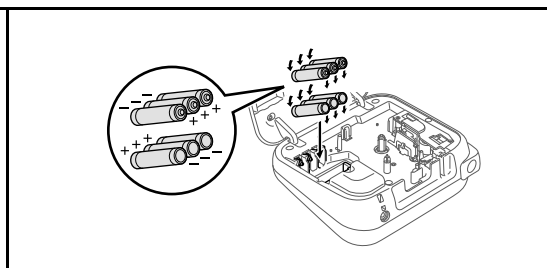
Insert six new AAA alkaline batteries (LR03) or fully charged Ni-MH batteries (HR03), making sure that their poles point in the correct directions.
Users of alkaline batteries:
Always replace all six batteries at the same time with brand new ones.
Users of Ni-MH batteries:
Always replace all six batteries at the same time with fully charged ones.
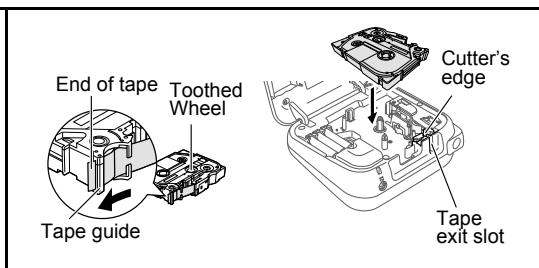
Insert a tape cassette, making sure that it snaps into place.
- Make sure that the end of the tape feeds under the tape guides.
- Use only Brother TZe tapes with this machine.
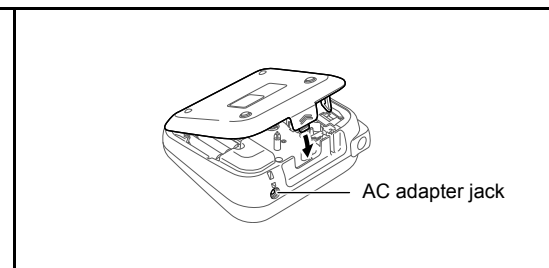
Securely close the cassette cover, making sure that it snaps into place.

◖ NOTE
When using optional AC adapter (AD-24ES)
1. Insert the plug on the adapter cord into the AC adapter jack on the top end of the machine.
2. Insert the plug into the nearest standard electrical outlet.
For memory back up, we recommend using AAA alkaline batteries (LR03) or Ni-MH batteries (HR03) together when using the AC adapter.

LCD Display & Keyboard

1. Size
2. Cursor
3. Underline/Frame
4. Width
5. Style
6. Caps
7. Label Length
   If a specific label length has been selected, 🔒 also appears.
8. OK key
9. Cursor key : Right (Use with Shift key to go to end of the text.)
10. Cursor key : Left (Use with Shift key to go to top of the text.)
11. Escape key
12. Power key
13. Menu key
14. Label key
15. Font key
16. Character key
17. Tab key
18. Caps key
19. Shift key
20. File key
21. Tape cutter lever
22. Print key
23. Preview key
24. Frame key
25. Symbol key
26. Template Library key
27. Backspace key
28. Enter key
29. Accent key
30. Space key

Specifications

Dimensions: (W x D x H)	Approx. 6.2" X 5.9" X 2.7" (Approx. 157(W) x 150(D) x 68(H)mm)
Weight:	Approx. 1.1 lb. (Approx. 490 g) (without batteries and tape cassette)
Power supply:	Six AAA alkaline batteries (LR03) Six AAA Ni-MH batteries (HR03)[1] Optional AC adapter (AD-24ES)
Tape cassette:	Brother TZe tape (width) 0.13" (3.5mm), 0.23" (6mm), 0.35" (9mm), 0.47" (12mm)

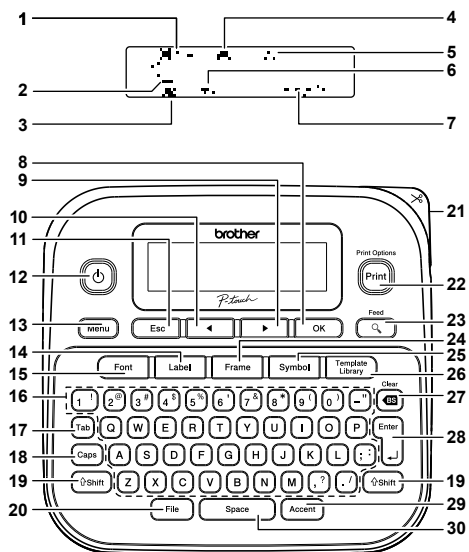[1]Visit us at http://support.brother.com/ for the latest information about the recommended batteries.

Initial Settings

1 Turn on your machine.
Supply power by using six AAA batteries or the optional AC adapter (AD-24ES), and then press [⏻].

2 Set the language.
The default setting is [English].

[Menu] ➔ [◀] / [▶] [Language] [OK] ➔ [◀] / [▶] [English/Español/Français/ Hrvatski/Italiano/Magyar/Nederlands/ Norsk/Polski/Português/Portug. (BR)/ Română/Slovenski/Slovenský/Suomi/ Svenska/Türkçe/Čeština/Dansk/Deutsch] [OK].

3 Set the unit of measurement.
The default setting is [inch].

[Menu] ➔ [◀] / [▶] [Unit] [OK] ➔ [◀] / [▶] [inch/mm] [OK].

● NOTE

- The machine automatically turns off if no keys are pressed within five minutes.
- To cancel any operation, press [Esc].
- After pressing [OK], "Accepted" will be displayed for approximately 1 second.

Contrast

This function allows you to set the brightness of the LCD display. You can select from five levels of brightness.
The default setting is [0].

[Menu] ➔ [◀] / [▶] [LCD Contrast] [OK] ➔ [◀] / [▶] [-2/-1/0/+1/+2] [OK]
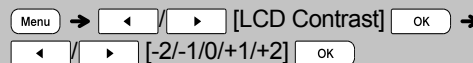
- To change back to default setting, press [Space].
- After pressing [OK], "Accepted" will be displayed for approximately 1 second.

Accessories

Tape Cassettes:	See the included "Supplies and Accessories Guide".
AC Adapter:	AD-24ES
Cutter Unit:	TC-4 (replacement)

If the cutter blade becomes blunt after repetitive use and the tape cannot be cut cleanly, replace with new cutter unit (stock no. TC-4) by obtaining from an authorized Brother reseller.

▶ Replacing the Cutter Unit

1. Pull out the two sections of the cutter unit (green) in the direction of the arrows shown in the illustration.
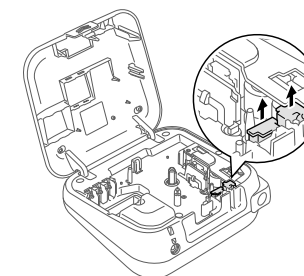
2. Install a new cutter unit. Push it in until it snaps into place.

⚠ WARNING

Do not touch the cutter blade directly with your fingers.

Entering Text

▶ **Switching Upper Case/Lower Case**

`Caps`

Upper case (`Caps` ON)   Lower case (`Caps` OFF)

Caps   Caps
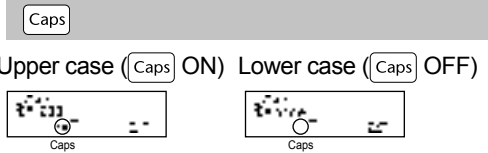
▶ **Creating Two-Line Labels**
Move the cursor to where you want to start the next line and press `Enter`. Use either 0.35" (9mm) or 0.47" (12mm) wide tape for two line printing.

Line 1   Label image

Line 2

● NOTE
• The return symbol (↵) will be displayed when the Enter key is pressed.

▶ **Entering Tabs**

`Menu` ➔ `◄`/`►` [Tab] `OK`

• You can also set a tab by pressing `Tab`.
• A ◘ will appear on the screen when a tab is inserted into the text.
• The maximum number of tabs for a label is 80 without text. If you enter 1 letter, you can set 79 tabs.

▶ **Changing Tab Length**

`Label` ➔ `◄`/`►` [Tab Length]
`OK` ➔ `◄`/`►` [Auto/0.0"-4.0"
(0-100 mm)] `OK`

• To change setting back to default, press `Space`. The default setting is [Auto].
• After pressing `OK`, "Accepted" will be displayed for approximately 1 second.

▶ **Entering Accented Characters**

`A` - `Z` ➔ `Accent` ➔ `Accent`/`◄`/`►` ➔ `OK`

• Refer to the table of accented characters included in this insertion sheet.
• To cancel operations, press `Esc`.
• The order of accented characters differs by the selected LCD language.

▶ **Changing Label Length**

`Label` ➔ `◄`/`►` [Label Length]
`OK` ➔ `◄`/`►` [Auto/1.2"-12.0"
(30-300 mm)] `OK`

● NOTE
• After the label is printed, cut along the printed dots (:) with scissors so that the label length matches what is shown on the LCD.
• If a specific label length has been selected, ▤ also appears in the LCD.
• By pressing `Space`, [Auto] will be displayed.
• To change setting back to default, press `Space`.
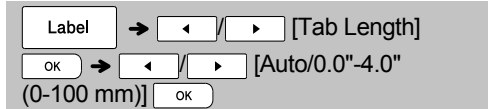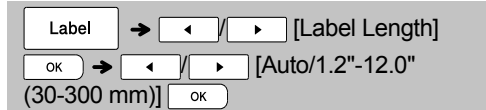• After pressing `OK`, "Accepted" will be displayed for approximately 1 second.

▶ **To Clear**
By pressing `⌫`, the letters will be deleted one by one.
To delete all text and settings :

`⇧Shift` + `⌫` ➔ `◄`/`►` [Text&Format]
`OK`

To delete text only :

`⇧Shift` + `⌫` ➔ `◄`/`►` [Text Only] `OK`

● NOTE
• You can also delete all text and settings or text only by pressing
`Menu` ➔ `◄`/`►` [Clear] `OK` ➔
`◄`/`►` [Text&Format]/[Text Only] `OK`
• After pressing `OK`, "Accepted" will be displayed for approximately 1 second.

Printing Labels

▶ **Preview**
You can preview the text before printing.

`🔍`

• Pressing the Preview key displays a generated image of the label, and may differ from the actual label when printed.
• When the LCD cannot display all the text at once, press `◄`/`►` to display the hidden text.
• Press `OK`/`Enter`/`Esc` to leave the preview mode.

▶ **Feeding (Tape Feed)**

`⇧Shift` + `🔍`
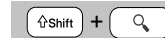
• This function will feed approximately 1" (25mm) of blank tape.

▶ **Printing**

`Print` ➔ [Copies:] `◄`/`►`/`1` - `9` ➔
`OK`

• If you need only 1 copy of the label, press `OK` without selecting the number of copies.
• You can print up to 9 copies of each label.
• The number of copies can also be specified by pressing a number key.
• To cut the label, push in the tape cutter lever on the upper-right corner of the machine after the message "Please Cut" is displayed. "Please Cut" is displayed on the screen for 2 seconds.
• To prevent damage to the tape, do not touch the cutter lever while the message "Please Wait" is displayed.
• To remove the backing, fold the label lengthwise with the text facing inward, to expose the inside edges of the backing. Peel off the backing one piece at a time and apply.

▶ **Using Print Options (`⇧Shift` + `Print`)**
[Numbering]
You can print a series of up to 9 labels at a time using auto-numbering. Using this feature you can automatically increase a selected number by 1 after each label is printed. The numbers of labels you can print at one time are dependant upon the initial number.
Example: To print copies of a label containing a serial number (0123, 0124 and 0125)

Enter numbers ➔ `◄`/`►` Move the
cursor to the number you wish to increment
➔ `⇧Shift` + `Print` ➔
`◄`/`►` [Numbering] `OK` ➔
`◄`/`►` ▦ ▦ ▦ `OK`
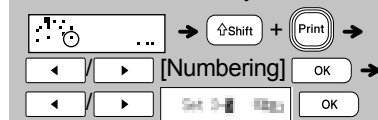
• Select the highest number you wish to be printed when setting the number.
[Mirror]
Example: If you want to Mirror Print "J.SMITH", follow the instructions below after entering "J.SMITH".

Enter text/characters ➔ `⇧Shift` + `Print` ➔
`◄`/`►` [Mirror] `OK` ➔ [Mirror Print?]
`OK`

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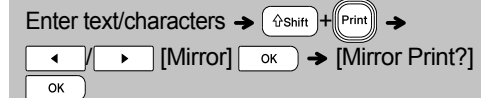
• Use clear tape in [Mirror], so the labels can be read correctly from the opposite side when attached on glass, windows or other transparent surfaces.

Printing Labels (continued)

▶ **Setting Margin (** [Label] **)**

[Label] ➔ ◀ / ▶ [Margin] [OK] ➔
◀ / ▶ [Full/Half/Narrow/Chain Print]
[OK]
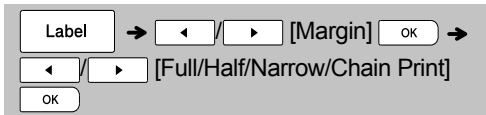
[Full]/[Half]/[Narrow]
For leaving equal margins on both sides of the text.

Full	Half	Narrow
ABC	ABC	ABC
←1"→ ←1"→	0.47" 0.47"	0.16" 0.16"
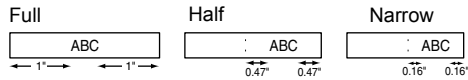
[Chain Print]
Use this setting when printing several labels with minimum margins.
1. Enter text.
2. Press (Print), then [Copies:] appears.
3. Press ◀ / ▶ or enter number with number keys to select the number of copies.
4. Press [OK]. Printing will start, and then the message "Feed OK?" appears.
5. Press [Esc] to enter more text.
6. Clear the text, enter the text for the next label, and then press (Print).
7. When the message "Feed OK?" appears after the last label is printed, press [OK].
8. After the tape is fed, press the cutter lever to cut off the chain of labels.

◉ NOTE
• When [Chain Print] is set, feed the tape before using the cutter otherwise a part of the text may be cut off.
• When [Half] or [Narrow] is set, displayed label length is the length from the printed dots (:) to the end of the label. Cut along the printed dots (:) with scissors.

	LCD display	Label image
Full		ABC ←2.7"→
Half		ABC ←1.6"→
Narrow		ABC ←1.0"→
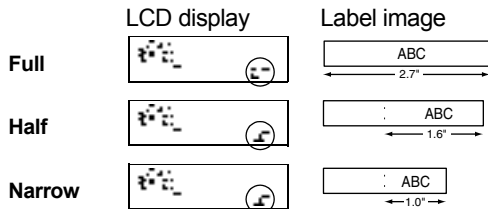
• To print more than 1 copy of a label with minimum margin, set the margin to [Narrow].
• Do not pull the tape since this may damage the tape cassette.
• After pressing [OK], "Accepted" will be displayed for approximately 1 second.

Saving Label Files

You can save up to 30 labels and recall them for printing at a later date. A maximum of 80 characters can be saved per file, a maximum of 2400 characters can be saved in total memory. You can also edit and overwrite the stored labels.

▶ **Save**

Enter Text [File] ➔ ◀ / ▶ [Save]
[OK] ➔ ◀ / ▶ [ ] [OK]

▶ **Print**

[File] ➔ ◀ / ▶ [Print] [OK] ➔
◀ / ▶ [ ] [OK] ➔
[Copies:] ◀ / ▶ [1] - [9] ➔ [OK]

▶ **Open**

[File] ➔ ◀ / ▶ [Open] [OK] ➔
◀ / ▶ [ ] [OK]

◉ NOTE
• You can also enter the File menu by pressing [Menu] ➔ [1].
• If you try to store a label when there is already a label stored to that number, a message "Overwrite OK?" will appear. Press [OK] to save your new label. Press [Esc] to cancel.
• You must type text before starting the save function.
• After pressing [OK], "Accepted" will be displayed for approximately 1 second.

3 USING TEMPLATES

Text Label

This function allows you to create various labels using the built-in templates. Refer to the Text Label templates table included in this insertion sheet.

▶ Example 1: ☆☆☆☆
[Template that includes one repeated graphic]

[Template Library] ➔ [Select Category] ◀ / ▶
[Text] [OK] ➔ [Select Design] ◀ / ▶
☆☆☆☆ [OK] ➔ [Input Text 1] Clear the
text and then enter text [ABCD_] [OK]
➔ [Print] [OK]
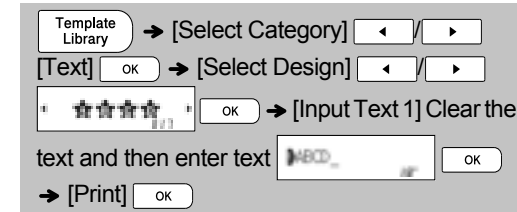
• There are three additional Text Label templates that allow you to use two different fonts on one label. The procedure is similar to the steps in Example 1; however, you will be prompted to enter [Input Text 2].

▶ Example 2: File No.1
[Template that includes two fonts]

[Template Library] ➔ [Select Category] ◀ / ▶
[Text] [OK] ➔ [Select Design] ◀ / ▶
File No.1 [OK] ➔ [Input Text 1] Clear
the text and then enter text [File_]
[OK] ➔ [Input Text 2] Clear the text and then
enter text [No.1_] [OK] ➔ [Print] [OK]
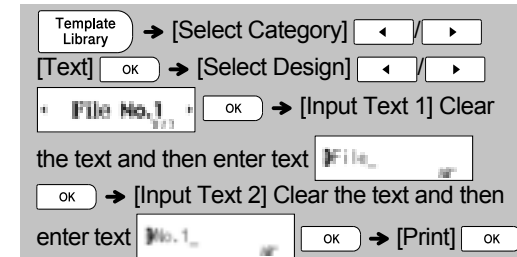
▶ Example 3: To Name
[Template that includes two fonts and a frame]
• The procedure is similar to the steps in Example 2. Please see proceedure under Example 2.

▶ Example 4: Bill White
[Template that includes two fonts on two lines]
• The procedure is similar to the steps in Example 2. Please see proceedure under Example 2.

Pattern Label

This function allows you to create unique labels by using built-in templates. Refer to the Pattern Label templates table included in this insertion sheet. You cannot enter text when using Pattern Label templates.

Example: [ ]

[Template Library] ➔ [Select Category] ◀ / ▶
[Patterns] [OK] ➔ [Select Design] ◀ / ▶
[ ] [OK] ➔ [Set Label Length] ➔
◀ / ▶ [1.2"-39.0" (30-999mm)] [OK] ➔
[Print] [OK] ➔ ◀ / ▶ [1] - [9] ➔ [OK]
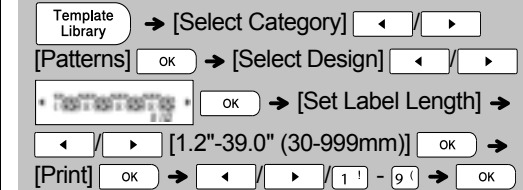
◉ NOTE
▶ **For Text Label Templates**
• You cannot set label length when printing Text Label templates.
• To clear the text, move the cursor to the right side where you wish to clear and then press (⌫).
• To clear all text, press (⇧Shift) and (⌫), then "All Clear" appears. Press [OK] to clear. Press [Esc] to cancel.
• You are able to preview labels by pressing the Preview key when [Print] is displayed on the LCD display.
• You cannot use the copy print function when using Text Label templates.

▶ **For Pattern Label Templates**
• Press [Space] to return to the initial setting for "Label Length" mode. The initial setting is [3.9"(100 mm)].
• You cannot use preview feature when using Pattern Label templates.

▶ **For Text Label and Pattern Label Templates**
• These templates are only available when using 0.47" (12mm) wide tape cassettes.
• The templates cannot be edited.
• To exit templates and return to the text input screen, do one of following:
  a) Press [Esc].
  b) Press ◀ / ▶ to select [Quit], and then press [OK] when "Print" appears.
• You cannot save labels created using templates to memory.
• When you access Text Label or Pattern Label templates, your most recently printed Text Label or Pattern Label template label length will be recalled.
• "Please Cut" is displayed on the screen for 2 seconds after pressing [OK] when "Print" appears.

4 FORMATTING KEYS

Font Key `Font`

1 Press `Font` to change the font settings.

`Font` ➔ `◄`/`►` Select an item `OK`

2 Press `◄`/`►` to select the settings and press `OK`.

Font	AA	Helsinki	A1
		Brussels	A1
		US	A1
		Florida	A1
		Belgium	A1
		San Diego	A1
		Los Angeles	A1
		Calgary	A1
		Atlanta	A1
		Adams	A1
		Brunei	A1
		Istanbul	A1
		Sofia	A1
		Germany	A1
Size	AA	Large	A
		Medium	A
		Small	A
Width	A	Normal	A
		× 2	A
		× 1/2	A

Style		Normal	A
		Bold	A
		Outline	A
		Shadow	A
		Solid	A
		Italic	A
		I+Bold	A
		I+Outline	A
		I+Shadow	A
		Vertical	◁
Alignment		Left	⊨
		Center	╪
		Right	⊨
		Justify	⊫

◖ NOTE
- To cancel operations, press `Esc`.
- Refer to the Font samples table included in this insertion sheet.
- 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 be printed using the smallest text possible on narrow or multi-line labels.
- After pressing `OK`, "Accepted" will be displayed for approximately 1 second.

Frame Key `Frame`

Press `Frame` to select the frame design. Refer to the Frame designs table included in this insertion sheet.

`Frame` ➔ `◄`/`►`/`1 !` - `9 (` Select a frame `OK`

◖ NOTE
- To cancel operations, press `Esc`.
- If the message ▫ (⁞⁞) appears on the right side of the display when selecting a frame, it means that frame is only available when using 0.47" (12mm) wide tape cassettes.
- You can select the frame design by pressing a number key of the Frame designs table included in this insertion sheet.
- After pressing `OK`, "Accepted" will be displayed for approximately 1 second.

Symbol Key `Symbol`

Press `Symbol` to select various symbols. Refer to the table of symbols included in this insertion sheet.

`Symbol` ➔ `◄`/`►` [History*1/Basic/Pictograph] `OK` ➔ `◄`/`►` Select category `OK` ➔ `◄`/`►` Choose a symbol `OK`

◖ NOTE
- To cancel operations, press `Esc`.
- *1 Once you select symbols, up to 7 recently used symbols are added to History.
- If you choose History, you cannot select the category.
- You can also select from basic and pictograph categories by pressing the shortcut keys included in this insertion sheet.

▶ Basic

Punctuation	Space	Greek Letter	E
Mathematics	A	Number 1	F
Brackets	B	Number 2	G
Arrows	C	Number 3	H
Unit	D	Shape	I

▶ Pictograph

Fun	Space	Kitchen	I
Family	A	Garden	J
Clothing	B	DIY	K
Vehicle	C	School	L
Sports	D	Office	M
Animal	E	Signs	N
Astrology	F	Datacom/AV	O
Event/Season	G	Electrical	P
Food	H		

Short Cut

File	Menu ➜ 1 !
Tab	Menu ➜ 2 @
Unit	Menu ➜ 3 #
LCD Contrast	Menu ➜ 4 $
Clear	Menu ➜ BS
Language	Menu ➜ Space

Helpful Tips

Clear	⇧Shift ➜ BS
Feed	⇧Shift ➜ 🔍
Print Options	⇧Shift ➜ Print

Resetting the P-touch

You can reset the P-touch labeler when you want to initialize the settings, or in the event it not working properly. All text, settings and stored files are cleared.

1 **Turn off the P-touch labeler, hold down ⇧Shift and R and then press ⏻ to turn the P-touch labeler back on.**

2 **First release the power button, and then release ⇧Shift and R.**
The P-touch labeler turns on with the internal memory reset.

Should you encounter any problems with your product, please do not return your product to the store.
After referring to the User's guide, if you still need assistance, contact Brother Customer Service at:
　　Voice: 1-877-BROTHER
　　Web: www.brother-usa.com
　　Fax: 1-901-379-1210
If you need to locate a service center, please call 1-877-BROTHER or visit us at www.brother-usa.com

⚠ 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.
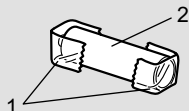
● NOTE

Battery Recommendations
• Remove the batteries if you do not intend to use the P-touch labeler for an extended period of time.
• Dispose of the batteries at an appropriate collection point, not in the general waste stream. In addition, be sure to observe all applicable federal, state, and local regulations.
• When storing or discarding the batteries, wrap it (for example with cellophane tape), to prevent it from short-circuiting. (Refer to the picture on the lower right)

(Battery insulation example)

1. Cellophane tape
2. Alkaline or Ni-MH battery

Troubleshooting

▶ Error message

Message	Cause/Remedy
Battery Low!	The batteries are weak. If using AAA alkaline batteries: Replace them with new ones. If using Ni-MH batteries: Charge them fully.
Battery Empty!	The installed batteries are running low and will need to be changed for continued operation.
Invalid!	• There is no text above the cursor when you selected [Numbering]. • Invalid character is selected for [Numbering]. • Invalid number is selected for [Tab Length] or [Label Length]. • An invalid value was entered as the label length while using templates.
No Text!	• You tried to print a text file when there is no data stored in the memory. • Print is pressed when no text is entered. • ⇧Shift + Print is pressed when no text is entered. • 🔍 is pressed when no text is entered. • OK or Enter was pressed when no text was entered while using templates.
2 Line Limit! / 1 Line Limit!	• You tried to enter a 3rd line by pressing Enter. • You tried to print or preview two lines of text while 0.13" (3.5mm) or 0.23" (6 mm) tape is installed. Install larger tape size.
No Cassette!	You tried to print, feed or preview a label when there is no cassette installed.
Cutter Pressed	Tape cutter lever is pressed in the middle of printing process.
Text Full!	The maximum number of characters (80 characters for text, 50 characters for templates) have already been entered.
Change Length	Since the number of entered characters exceeds the label length, reduce the text, or select [Auto] as the label length.
No Frame OK?	• Printing on 0.13" (3.5mm) tape with invalid Frame setting ON. • Using tape cassette smaller than 0.47"(12mm) wide though you selected a frame which is only available for 0.47"(12mm) wide tape cassettes. (Select OK to print with no Frame, Esc to cancel.)
Feed OK?	• Feeding tape after printing when [Chain Print] is selected. Refer to "Setting Margin".
Insert 0.47"	• Only 0.47"(12mm) tape cassette is available for templates.
Use TZe Tape!	• Use a tape cassette with the TZe mark.

▶ What to do when...

Problem	Solution
The display stays blank after you have turned on the machine.	• Check that the batteries are correctly inserted. • If the batteries are weak, replace them. • Check that the AD-24ES adapter is correctly connected.
When the label is printed out, there is too much margin (space) on both sides of the text.	• See "Setting Margin" in this users guide and select [Half] or [Narrow] to have smaller margins for your label.
The machine does not print, or the printed characters are not formed properly.	• Check that the tape cassette has been inserted correctly. • If the tape cassette is empty, replace it. • Check the cassette cover is properly closed.
The setting has cleared on its own.	• The batteries may be weak. Replace them. • When power is disconnected for more than three minutes, all text & formats in the display will be lost.
A blank horizontal line appears through the printed label.	• There may be some dust on the print head. Remove the tape cassette and use a dry cotton swab to gently wipe the print head with an up-and-down motion.
The machine has "locked up" (i.e., nothing happens when a key is pressed, even though the machine is on.)	• Refer to "Resetting the P-touch".
The power turns off when you try to print.	• The batteries may be weak. Replace them. • Check that the batteries are correctly inserted. • A wrong adapter is used; the recommended adapter is the AD-24ES.
The tape does not feed properly or the tape gets stuck inside the machine.	• Check that the end of the tape feeds under the tape guides. • The cutter lever is pressed while printing. Do not touch the cutter lever during printing.
All text and format settings need to be cleared to create a new label.	• Press ⇧Shift + BS and select [Text&Format]. • Press Menu ➜ ◀/▶ [Clear] OK ➜ ◀/▶ [Text&Format] OK
To change language setting.	• Refer to "Initial Settings".

Symbols (Basic) %α

Category	Symbols (Basic)
Punctuation ?!&	. , : ; " ' • ? ! ¿ ¡ – & ~ _ \ / * @ #
Mathematics +×±	+ − × ÷ ± = ≧ ≦ ≠ * ∴
Brackets ()[]	( ) [ ] < > § « » 【 】
Arrows →↑	→ ← ↑ ↓ ↔ ⇄ ↕
Unit %$	% $ ¢ € £ ¥ ₺ ° ft. in. m² m³ cc ℓ oz. lb. °F °C
Greek Letter α β	α β γ δ µ Ω φ Σ ª º
Number 1 ₂³Ⅳ	2 3 ² ³ ¼ ½ ¾ Ⅰ Ⅱ Ⅲ Ⅳ Ⅴ Ⅵ Ⅶ Ⅷ Ⅸ Ⅹ
Number 2	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
Number 3	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
Shape ●☆	● ○ ■ □ ★ ☆ ♠ ♤ ♥ ♡ ♦ ◇ ♣ ♧ ▲ △ ▼ ▽

Symbols (Pictograph)

Category	Symbols (Pictograph)
Fun	(pictographs)
Family	(pictographs)
Clothing	(pictographs)
Vehicle	(pictographs)
Sports	(pictographs)
Animal	(pictographs)
Astrology	(pictographs)
Event/Season	(pictographs)
Food	(pictographs)
Kitchen	(pictographs)

Symbols (Pictograph)

Category	Symbols (Pictograph)
Garden	(pictographs)
DIY	(pictographs)
School	(pictographs)
Office	(pictographs)
Signs	(pictographs)
Datacom/AV	(pictographs)
Electrical	(pictographs)

Accented Characters

	A		a			C		D		c		d	
A	Á Â Ã Ä Æ Ă Ą Å Ā		a	á â ã ä æ ā ą å ā									
C	Ç Č Ć		D	Ď Đ	c	ç č ć		d	ď đ đ			
E	É Ê Ë Ę Ě È Ē				e	è é ê ë ę ě ē						
G	Ğ Ġ		I	Í Î Ï Ī Į İ	g	ğ ġ		i	í î ï ī į ı			
K	Ķ		L	Ł Ĺ Ļ Ľ	k	ķ		l	ł ĺ ļ ľ			
N	Ñ Ń Ň Ņ		R	Ř Ŕ Ŗ	n	ñ ń ň ņ		r	ř ŕ ŗ			
O	Ó Ô Õ Ø Ò Ö Œ Ō				o	ó ô õ ø ò ö œ ō						
S	Ś Š Ş ẞ		T	Ť Ţ Þ	s	ś š ş ß		t	ť ţ þ			
U	Ú Û Ü Ų Ů Ù Ū				u	ú û ü ų ů ù ū						
Y	Ý Ÿ		Z	Ž Ż Ź	y	ý ÿ		z	ž ż ź			

Font samples

Font	Sample	Font	Sample
Helsinki	ABC$£€39	Calgary	ABC$£€39
Brussels	ABC$£€39	Atlanta	ABC$£€39
US	ABC$£€39	Adams	ABC$£€39
Florida	ABC$£€39	Brunei	ABC$£€39
Belgium	ABC$£€39	Istanbul	ABC$£€39
San Diego	ABC$£€39	Sofia	ABC$£€39
Los Angeles	ABC$£€39	Germany	ABC$£€39

Text Label templates

#		#		#	
01		07	File No.1	13	To Name
02		08	File No.1	14	Bill White / ABC Company
03		09	File No.1	15	Bill White
04		10	File No.1	16	Bill White
05		11	To Name	17	Bill White / ABC Company
06		12	To Name		

Pattern Label templates

#		#		#	
01		05		09	
02		06		10	
03		07			
04		08			

Frame designs

#		#		#	
01	Off (No frame)	12		23	
02	ABCDE	13		24	
03		14		25	
04		15		26	
05		16		27	
06		17		28	
07		18		29	
08		19		30	
09		20		31	
10		21		32	
11		22		33	

#		#		#	
34		56		78	
35		57		79	
36		58		80	
37		59		81	
38		60		82	
39		61		83	
40		62		84	
41		63		85	
42		64		86	
43		65		87	
44		66		88	
45		67		89	
46		68		90	
47		69		91	
48		70		92	
49		71		93	
50		72		94	
51		73		95	
52		74		96	
53		75		97	
54		76		98	
55		77		99	

* Images are for illustrative purposes only.

* Frames with highlighted numbers are only available when using 0.47" (12mm) wide tape cassettes.