ENGLISH

brother

TZ TAPE

P-touch

2700

Quick Index P. 20

USER'S GUIDE

Read this User's Guide before you start using your P-touch.
Keep this User's Guide in a handy place for future reference.

1 BEFORE USING YOUR P-TOUCH
2 GETTING STARTED
3 EDITING A LABEL
4 LABEL PRINTING
5 USING THE FILE MEMORY
6 MAINTAINING YOUR P-TOUCH
7 TROUBLESHOOTING
8 APPENDIX
9 INDEX

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Phone: 02 8875 6000 Fax:02 9870 7223

email: productsupport@brother.com.au

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BEFORE USING YOUR P-TOUCH

Thank you for purchasing the P-touch 2700.
Your new P-touch is an easy to operate, feature packed labelling system that makes creating professional, high quality labels a breeze. In addition to easy label creation via pre-formatted label layouts, the P-touch editing software features advanced label formatting, block formats, bar codes and auto-numbering functions.

Safety Precautions

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

⚠ **WARNING**	Tells you what to do to avoid the risk of injury.
⚠ **CAUTION**	Tells you about procedures you must follow to prevent damage to the P-touch.

The symbols used in this manual are as follows:

	⃠ The incorrect setup icon alerts you to devices and operations that are not compatible with the P-touch. (e.g. the figure on the left indicates a warning against disassembly).
	● The special instructions icon indicates operations to be carried out. (e.g. the figure on the left shows removal of the power plug from the power outlet).

⚠ WARNING

P-touch

Follow these guidelines to avoid fire, damage, electric shock, and choke.

- Do not disassemble the P-touch. For inspection, adjustment, and repair of the P-touch, contact the retail outlet where the P-touch was purchased or your local authorized service center.
- Do not drop, hit or otherwise bang the P-touch.
- Do not touch any metal parts near the print head. The print head becomes very hot during use and remains very hot immediately after use. Do not touch it directly with your hands.
- Do not allow the P-touch to get wet in any way.
- Do not use the P-touch with a foreign object in it. If water, metallic substance or any foreign object enters the P-touch, disconnect the AC adaptor and remove batteries, and contact the retail outlet where the P-touch was purchased or your local authorized service center.
- Dispose of plastic bags correctly and keep away from babies and children. Do not wear or play with plastic bags.
- Disconnect the AC adaptor and remove batteries immediately and stop using when you notice abnormal odor, heat, discoloration, deformation or anything unusual while using or storing it.

Battery

Follow these guidelines to avoid liquid leakage, heat, rupture of the battery.

- Do not throw into fire, heat up, or disassemble the battery.

AC adaptor

Follow these guidelines to avoid fire, electric shock, or failure.

- Always use the suggested AC adaptor (AD-5000/AD-24ES).
- Do not overload the power outlet.
- Do not drop, hit or otherwise damage the AC adaptor.
- Do not place heavy objects on, damage or modify the power cord or plug. Do not forcibly bend or pull the power cord.
- Do not use a damaged power cord.
- Do not touch the AC adaptor or power plug with wet hands.
- Do not use the AC adaptor in places of high humidity such as bathrooms.
- Make sure that the plug is fully inserted to the power outlet. Do not use an outlet that is loose.

⚠ CAUTION

Battery

Follow these guidelines to avoid liquid leakage, heat, rupture of the battery.

- Do not use old and new batteries together.
- Do not mix alkaline batteries with other type batteries.
- Do not set the positive and negative end in the wrong position.
- Remove the batteries if you do not intend to use the P-touch for an extended period of time.

AC adaptor

- Be sure to disconnect the AC adaptor from the power outlet and the P-touch when not using the P-touch for any extended period of time.
- Always hold the plug when disconnecting the power cord from the power outlet.

Tape Cutter

Follow these guidelines to avoid personal injury and damage of the P-touch.

- Do not touch the blade of the cutter unit.
- Do not open the tape compartment cover when operating the cutter unit.
- Do not apply excessive pressure to the cutter unit.

Usage/Storage

Follow these guidelines to avoid personal injury and damage of the P-touch.

- Place the P-touch on a flat, stable surface such as a desk.
- Do not place any heavy objects on top of the P-touch.

Memory

- Any data stored in memory will be lost due to failure or repair of the P-touch, or if the battery expires.
- When power is disconnected for more than two minutes, all text and format settings will be cleared. Any text files stored in the memory and clock settings will also be cleared.

Tape

- Depending on the location, material, and environmental conditions, the label may unpeel or become irremovable, the colour of the label may change or be transferred to other objects.
  Before applying the label, check the environmental condition and the material. Test the label by affixing a small piece of it to an inconspicuous area of the intended surface.

General Precautions

- 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 the machine.
- Use only Brother TZ tapes with this machine. Do not use tapes that do not have the TZ mark.
- Do not pull or press on the tape in the cassette.
- Do not put any foreign objects into the tape exit slot, AC adaptor connector, or USB port, etc.
- Do not try to print labels using an empty tape cassette or without a tape cassette set in the P-touch. Doing so will damage the print head.
- Do not touch the print head with your fingers.
- Do not clean the machine with alcohol or other organic solvents. Only use a soft, dry cloth.
- Do not place the P-touch in direct sunlight, near heaters or other hot appliances, in any location exposed to extremely high or low temperatures, high humidity, or dusty locations. Standard operating temperature range: (10°C to 35°C).
- 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.
- Be careful not to scratch the CD-ROM. Do not place the CD-ROM in any location exposed to high or low temperatures. Do not place heavy objects on the CD-ROM or bend it.
- The software on the CD-ROM is intended for use with the P-touch and may be installed on more than one PC.
- We strongly recommend that you read this User's Guide carefully before using your P-touch, and then keep it nearby for future reference.

Symbols Used in this Guide

The following symbols are used throughout this guide to indicate additional information.

: This symbol indicates information or directions that may result in damage or injury if ignored, or operations that will result in errors.

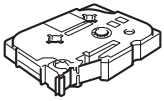
: This symbol indicates information or directions that may help you understand and use the P-touch more efficiently.

Unpacking Your P-touch

Check that the package contains the following before using your P-touch.

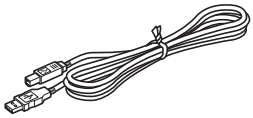
P-touch PT-2700

TZ tape cassette



CD-ROM

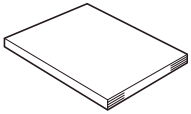
USB cable



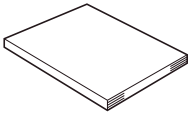
AC adaptor

(The design of the adaptor may differ by country.)

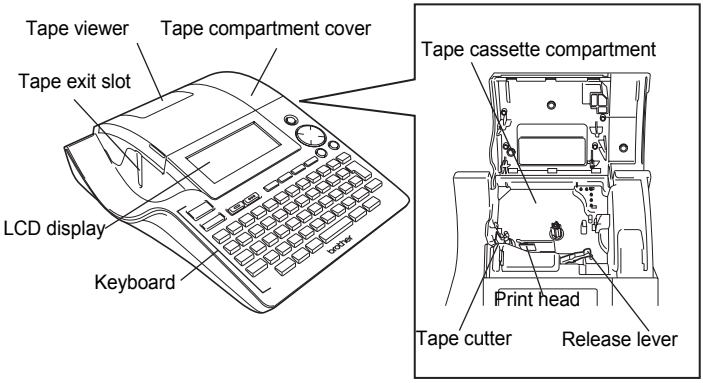
User's Guide



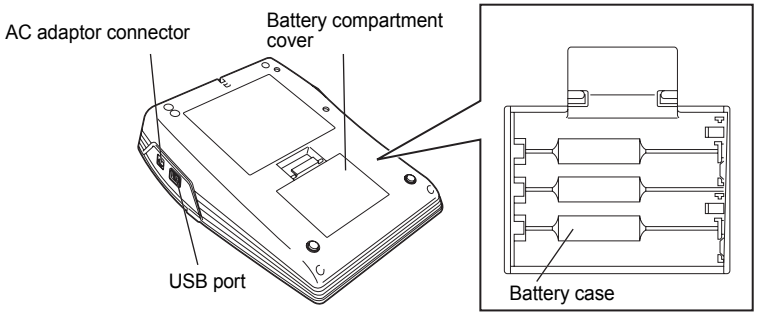
Software Installation Guide



General Description

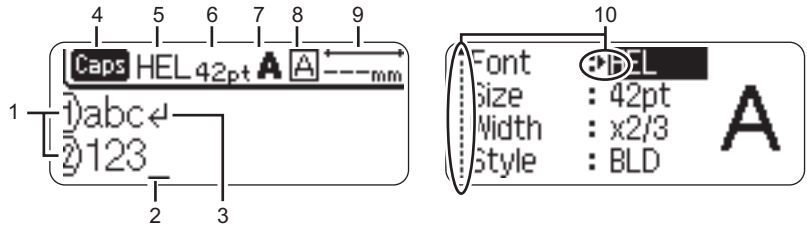


When shipped from the factory, the LCD display is covered with a protective sheet to prevent damage. Remove this sheet before using the P-touch.



LCD Display & Keyboard

LCD Display



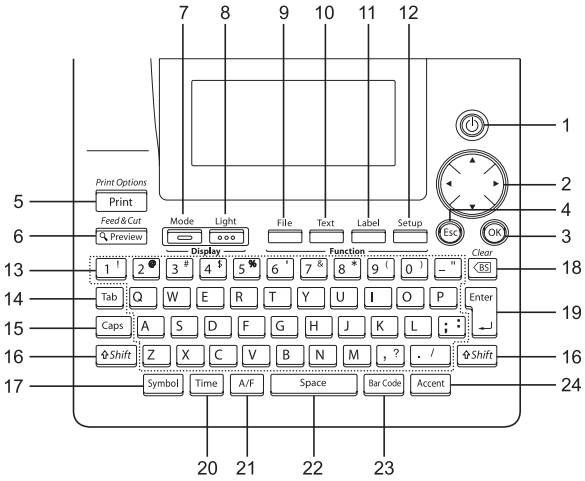
1. **Line number**
   Displayed at the beginning of each line, this mark indicates the line number within the label layout.
2. **Cursor**
   Indicates the current position of the cursor. New characters are entered to the left of the cursor, and the character to the left of the cursor is deleted when the Clear key is pressed.
3. **Return mark**
   Indicates the end of a line of text.
4. **Caps mode**
   Indicates that the Caps mode is on.

5.~8. Style guidance
Indicates the current font (5), character size (6), character style (7), frame (8) settings.

9. **Tape length**
   Indicates the tape length for the text entered.
10. **Cursor selection**
    Indicates that you can use the cursor keys to select the items on the screen. Use the ▲ and ▼ keys to select a menu item, and the ◀ and ▶ keys to change the setting.

Refer to "LCD Display" on page 21 for changing the contrast and display mode, and for turning the back light on/off.

Key Names and Functions



1. (Power):
   Turns the P-touch labeler on and off.
2. (▲ ▼ ◀ ▶):
- Moves the cursor in the direction of the arrow when entering or editing characters, entering symbols or accented characters, and when setting label attributes in the function menus.
- When setting the date and time for the clock setting, use ▲ and ▼ key to increase/decrease the numbers.

3. :
   Selects the option displayed when setting label attributes in the function menus, or when entering symbols or accented characters.
4. (Escape):
   Cancels the current command and returns the display to the data entry screen or the previous step.
5. Print Options / Print :
- Prints the current label design onto the tape.
- Opens the Print Options menu when used in combination with the Shift key.

6. Feed & Cut / Preview :
- Displays a preview of the label.
- Feeds 0.92" (23 mm) of blank tape and then automatically cuts the tape when used in combination with the Shift key.

7. Mode :
   Use this to change the display patterns of text entry screen and clock display.
8. Light :
   Turns the back light of the LCD display on and off.
9. File :
   Opens the File menu, where you can print, open, save, or delete the frequently used labels in the file memory.

10. Text :
- Opens the Text menu, where you can set character attributes for the label.
- Character attributes can be set to each line of the label when the Text menu is opened in combination with the Shift key.

11. Label :
Opens the Label menu, where you can set label attributes for the label.

12. Setup :
Opens the Setup menu, where you can set operating preferences for the P-touch labeler.

13. 1 ~ . / :
- Use these keys to type letters or numbers.
- Uppercase letters and symbols can be entered using these keys in combination with the Caps or Shift keys.

14. Tab :
Inserts a tab to the position of the cursor in the text entry screen.

15. Caps :
Turns the Caps mode on and off. When the Caps mode is on, uppercase letters can be entered by simply pressing a character key.

16. Shift :
Use this key in combination with the letter and number keys to type uppercase letters or the symbols indicated on the number keys.

17. Symbol :
Use this to select and enter a symbol from a list of available symbols.

18. Clear (Backspace):
- Deletes the character to the left of the cursor.
- Clears all text entered, or all text and current label settings when used in combination with the Shift key.

19. Enter :
- Enters a new line when entering text.
- Enters a new block when used in combination with the Shift key.

20. Time :
- Enters the selected date / time to the position of the cursor in the text entry screen.
- Clock display appears when used in combination with the Shift key.

21. A/F (Auto-Format):
Opens the Auto-Format menu, where you can create labels using pre-defined templates or block formats.

22. Space :
- Enters a blank space.
- Returns a setting to the default value.

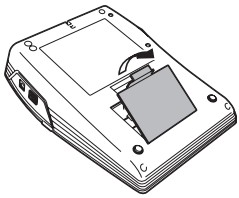
23. Bar Code :
- Opens the Barcode Input screen for entering the bar code data.
- Opens the Bar code Setup screen for setting bar code parameters when used in combination with the Shift key.

24. Accent :
Use this to select and enter an accented character.

Power Supply

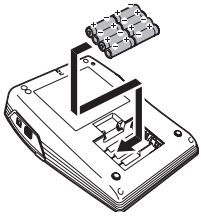
Battery

1 After making sure that the power is off, remove the battery compartment cover on the back of the machine. If the batteries are already in the machine, remove them.



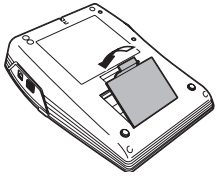
Make sure that the power is turned off when replacing batteries.

2 Insert eight new **AA-size alkaline batteries** (LR6), making sure that their poles point in the correct direction.



Always replace all eight batteries at the same time using brand new ones.

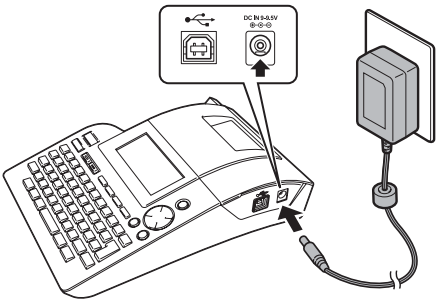
3 Attach the battery compartment cover by inserting the three hooks at the bottom into the slots on the machine, then pushing down firmly until it snaps into place.



- Remove the batteries if you do not intend to use the P-touch for an extended period of time.
- When power is disconnected for more than two minutes, all text and format settings will be cleared. Any text files stored in the memory and clock settings will also be cleared.

AC Adaptor

(The design of the adaptor may differ by country.)



1. Insert the plug on the AC adaptor cord into the connector marked DC IN 9-9.5V on the P-touch.
2. Insert the AC adaptor plug into a standard electrical outlet.

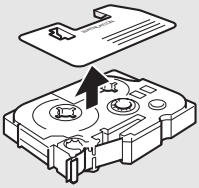
- Turn the P-touch off before disconnecting the AC adaptor.
- Disconnect the AC adaptor from the P-touch and electrical outlet when you do not intend to use the P-touch for an extended period.
- Do not pull or bend the AC adaptor cord.
- Use only the AC adaptor (AD-5000/AD-24ES) designed exclusively for your P-touch. Failure to observe this may result in an accident or damage. Brother shall not assume any responsibility for any accident or damage resulting from not using the specified AC adaptor.
- Do not connect the AC adaptor to a non-standard electrical outlet. Failure to observe this may result in an accident or damage. Brother shall not assume any responsibility for any accident or damage resulting from not using a standard electrical outlet.
- When power is disconnected for more than two minutes, all text and format settings will be cleared. Any text files stored in the memory and clock settings will also be cleared.

For backup of memory and clock setting, when the AC adaptor is unplugged from the P-touch, please use AA-size alkaline batteries (LR6).

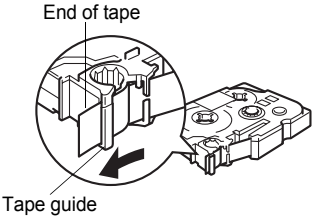
Inserting a Tape Cassette

Tape cassettes of 3.5mm, 6mm, 9mm, 12mm, 18mm, 24mm width can be used in your P-touch. Use only tape cassettes with the TZe TAPE mark.

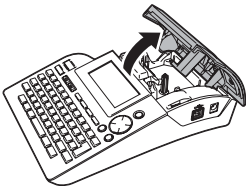
If the new tape cassette has a cardboard stopper, be sure to remove the stopper before inserting the cassette.



1 Check that the end of the tape is not bent and that it passes through the tape guide.

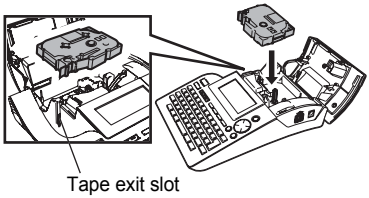


2 After making sure that the power is off, lift open the tape compartment cover. If there is already a tape cassette in the machine, remove it by pulling it straight up.



3 Insert the tape cassette into the tape compartment, with the end of the tape facing the machine's tape exit slot, and press firmly until you hear a click.

When inserting the tape cassette, make sure that the tape and ink ribbon do not catch on the print head.

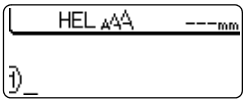


4 Close the tape compartment cover.

- Make sure that the release lever is up when closing the tape compartment cover. The tape compartment cover cannot be closed if the release lever is pressed down.
- Be sure to feed tape to remove any slack in the tape and ink ribbon after inserting the tape cassette. Refer to "Feeding Tape" on page 21.
- **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.**
- Store tape cassettes in a cool dark location, away from direct sunlight and high temperature, high humidity, or dusty locations. Use the tape cassette as quickly as possible after opening the sealed package.

Turning Power On/Off

Press the ⏻ key to turn the P-touch on.
Press the ⏻ key again to turn the P-touch off.



- 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 the Auto Power-Off Time table below for details.
- If batteries are installed or the P-touch is connected to an electrical outlet by the AC adaptor, the previous session's information is displayed when the power is turned on.

●Auto Power-Off Time●

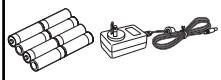
	P-touch only	Connected to PC
With AC adaptor	8 hours	8 hours
With battery	5 minutes	5 minutes with no operation. 1 hour after printing from PC.

Creating Your First Label

■ Create a label with the P-touch

1 Prepare the P-touch.

Install the batteries and/or connect the AC adaptor.



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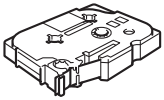
Set a tape cassette.



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Turn the P-touch on.

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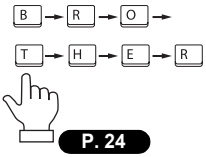
2 Enter the label text.



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In addition to entering text, the P-touch has a large range of editing functions.

"Create labels like these"

3 Print the label.

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You can check the layout of your label before printing.
Checking the label preview before printing prevents wasting tape on incomplete labels.

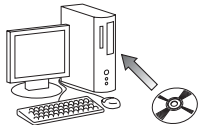
"Preview function"

■ Create a label with your personal computer

1 Prepare the P-touch. (Refer to step 1 in the previous section.)

2 Prepare the personal computer.

Install the software.



Software Installation Guide

Connect the USB cable.

Software Installation Guide

Turn the P-touch on.

P. 17

3 Enter the label text using P-touch Quick Editor.

Start P-touch Quick Editor.

Software Help

Enter the label text in P-touch Quick Editor.

For example, click on the layout area and then type "Brother".

Software Help

4 Print the label.

Click on the "Print" button.

Software Help

The label is printed.

Brother

Software Help

P-touch Quick Editor (simple label editing software) is ideal for creating simple labels.
To create labels with more complex designs, use P-touch Editor (fully featured label editing software).

"P-touch Editor"

"Create labels with complex designs like these"

Quick Index

This section provides quick and easy access to information on tasks often needed by users. Simply look for your task below and then go to the page indicated.
If the task you are looking for is not shown here, try the Contents or Index pages.

To enter text, symbols and accent characters...

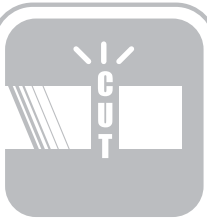
Entering text/symbols/accent characters

P. 24

To format the label...

Text/Label format functions

P. 31



To change the cutting and margin settings

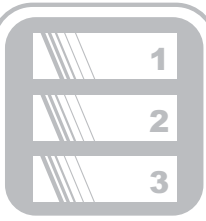
Tape cutting options

P. 62

To add time and date to your labels...

Time&Date function

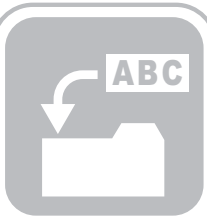
P. 48



To print multiple copies (with auto-numbering)...

Multiple copy/auto-numbering functions

P. 59



To save a label layout...

File memory function

P. 66

Feeding Tape

The Feed & Cut function feeds 23mm of blank tape then cuts the tape, which may be needed when installing a new tape cassette.

- Be sure to feed tape to remove any slack in the tape and ink ribbon after inserting the tape cassette.
- **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.**
- Do not block the tape exit slot during printing or when feeding tape. Doing so will cause the tape to jam.

1 Hold down the Shift key and press the Feed & Cut / Preview key.
"Feed & Cut?" appears on the display.

2 Press the OK or Enter key to feed tape.
The message "Feeding Tape... Please Wait" appears while the tape is fed, and then the tape is cut.

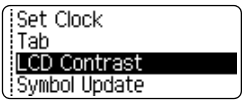
Press Esc while "Feed & Cut?" is displayed to cancel tape feeding.

LCD Display

LCD Contrast

You can change the contrast setting of the LCD display to one of five levels (+2, +1, 0, -1, -2) to make the screen easier to read. The default setting is "0".

1 Press the Setup key to display the Setup menu, select "LCD Contrast" using the ▲ or ▼ key, and then press the OK or Enter key.



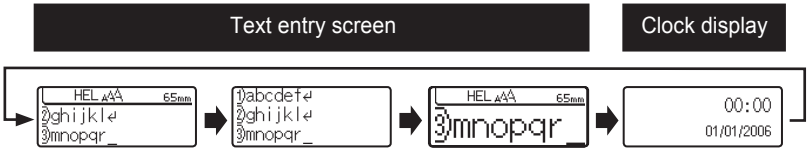
2 Select a contrast level using the ▲ or ▼ key.
The screen contrast changes each time you press the ▲ or ▼ key, allowing you to set the most suitable contrast.

3 Press the OK or Enter key.

- Press the Esc key to return to the previous step.
- Pressing the Space key on the contrast setting screen sets the contrast to the default value "0".

Display Mode

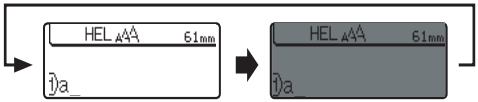
You can change the display mode to your preferred style by pressing the Mode key repeatedly. You can select from three text entry screens (guidance + 2 text lines, 3 text lines, guidance + 1 line) and clock display.



- You can also change the clock display to the text entry screen (guidance + 2 text lines) by pressing any other key on the keyboard besides Light and ⏻ key.
- For adjusting the clock to current date and time, refer to "Clock Setting" on page 48.
- For selecting a desired format for displaying the date and time, refer to "Time & Date Format Setting" on page 49.

Back Light

You can turn the back light on / off by pressing the Light key. The back light can be used when you wish to see the display more clearly. The default setting is ON.



Power can be saved when the back light is turned off.

Setting Language and Unit

Language

Select the language("English", "Español", "Dansk", "Deutsch", "Français", "Italiano", "Nederlands", "Norsk", "Português", "Suomi" or "Svenska") for menu commands and messages shown on the LCD display.
The default setting is "English".

1 Press the Setup key to display the Setup menu, select "Language" using the ▲ or ▼ key, and then press the OK or Enter key.

2 Select a language using the ▲ or ▼ key.

3 Press the OK or Enter key.

Press the Esc key to return to the previous step.

Unit

Select the units ("mm" or "inch") for dimensions shown on the LCD display.
The default setting is "mm".

1 Press the Setup key to display the Setup menu, select "Unit" using the ▲ or ▼ key, and then press the OK or Enter key.

2 Select a Unit using the ▲ or ▼ key.

3 Press the OK or Enter key.

Press the Esc key to return to the previous step.

EDITING A LABEL

Entering and Editing Text

Using the keyboard of your P-touch is very similar to using a typewriter or word processor.

Entering Text from the Keyboard

- To enter a lowercase letter or a number, simply press the desired key.
- To enter a blank space in the text, press the Space key.
- To enter an uppercase letter or one of the symbols on the number keys, hold down the Shift key and then press the desired key.
- To enter uppercase letters continuously, press the Caps key to enter Caps mode, and then press the desired keys.

- To exit Caps mode, press the Caps key again.
- To enter a lowercase letter while in Caps mode, hold down the Shift key and then press the desired key.

Adding a New Line

- To end the current line of text and start a new line, press the Enter key. A return mark appears at the end of the line and the cursor moves to the start of the new line.

- There is a maximum number of lines of text that can be entered for each tape width. A maximum of 7 lines can be entered for 24mm tape, 5 lines for 18mm tape, 3 lines for 12mm tape, 2 lines for 9mm and 6 mm tape, and 1 line for 3.5mm tape.
- If you press the Enter key when seven lines already exist, an error message is displayed.
- To change the character attribute of each line, refer to "Setting Character Attributes by Each Line" on page 31.

Adding a New Block

- To create a new block of text/lines to the right of your current text, press the Enter key while holding down the Shift key. A ♪ mark will appear at the end of the block and the cursor moves to the start of the new block.

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

Moving the Cursor

- To move the cursor left, right, up or down, press the ◄ ►, ▲ or ▼ keys. Each press of the key moves the cursor one space or line.
- To move the cursor to the beginning or end of the current line, hold down the Shift key and then press the ◄ or ► keys.
- To move the cursor to the very beginning or end of the text, hold down the Shift key and then press the ▲ or ▼ keys.

Inserting Text

- To insert additional text into an existing line of text, move the cursor to the character to the right of the position where you want to start inserting text and then enter the additional text. The new text is inserted to the left of the cursor.

Inserting a Tab

- To insert a tab space between the existing line of text, move the cursor where you wish to add a tab and press the Tab key. A ▮ mark appears to indicate the position which the tab space will be entered.

- To change the length setting of the tab, refer to "Setting Label Attributes" on page 36.
- The tab space can also be entered by pressing the Setup key to open the Setup menu and selecting "Tab" by using ▲ or ▼ keys, and then pressing the OK or Enter key.

Deleting Text

■ Deleting one character at a time

- To delete a character from an existing line of text, move the cursor to the character to the right of the position you want to start deleting text and then press the Clear key. The character to the left of the cursor is deleted each time the Clear key is pressed.

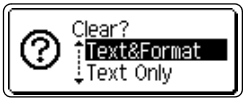
If you hold down the Clear key, the characters left to the cursor are deleted continuously.

■ Deleting all text at once

- Use the Shift and Clear key to delete all text at once.

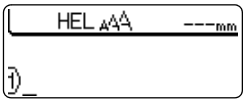
1 Press the Clear key while holding down Shift key. The Clear options are displayed.

2 Using the ▲ or ▼ keys, select "Text Only" to delete all text while retaining the current format settings, or select "Text & Format" to delete all text and format settings.



Press the Esc key to return to the text entry screen.

3 Press the OK or Enter key.
All text is deleted. All format settings are also deleted if Text & Format was selected.



Entering Symbols

In addition to the symbols available on the keyboard, there are various symbols (including international and extended ASCII characters) available with the symbol function.
There are two methods of entering symbols:

- Using the Shift key.
- Using the Symbol function.

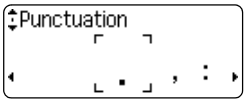
Entering Symbols Using Shift Key

Symbols printed in upper-right corner of the keys on the keyboard can be entered using the Shift key.

- To enter one of these symbols, hold down the Shift key and then press the desired key.

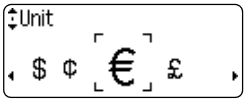
Entering Symbols Using the Symbol Function

1 Press the Symbol key.
A list of symbol categories and symbols in that category is displayed.

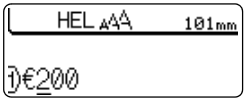


The last symbol entered is selected in the list displayed.

2 Select a symbol category (Punctuation, Business, Mathematics, etc.) using the ▲ or ▼ key or by pressing the Symbol key repeatedly, and then select a symbol using the ◀ or ▶ keys.



3 Press the OK or Enter key.
The selected symbol is inserted into the line of text.



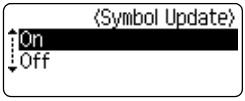
- Press the Esc key to return to the previous step.
- Refer to the "Symbol List" on page 28 for a complete list of symbols and symbol categories.

Using Symbol Update Function

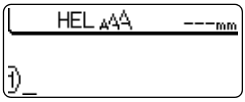
You can create your personal category of symbols by using the Symbol Update Function. The "Personal category" will appear first when selecting the symbols to help you locate the desired symbols quickly.

1 Press the Setup key to display the Setup menu, and then select "Symbol Update" using the ▲ or ▼ keys.

2 Press the OK or Enter key to display the symbol Update screen, and then select "On" to create your personal category by using the ▲ or ▼ keys.

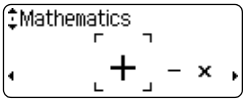


3 Press the OK or Enter key to apply the setting.
The screen returns to the text entry screen.

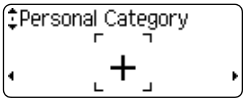


4 Enter the symbol you wish to add to your personal Category.

Refer to "Entering Symbols Using the Symbol Function" on page 26 for detail.



5 Press the Symbol key.
The "Personal category" appears, including the symbol entered in step 4.



- Up to 20 symbols can be added to the "Personal category". The oldest symbol will be deleted from the category when the symbols added to the "Personal category" exceed 20 symbols.
- To stop updating the symbols in the "Personal caegory", select "Off" in the Symbol Update screen.

Symbol List

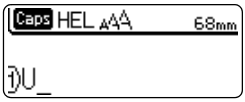
Category	Symbols
Personal category	Refer to "Using Symbol Update Function" on page 27 for detail.
Punctuation	. , : ; " ' • ? ! ¿ ¡ – & ˜ _ \ / §
Business	@ # % ® © ™ CE ✓
Mathematics	+ – × ÷ ± = *
Bracket	( ) [ ] < > « »
Arrow	➡ ⬅ ⬆ ⬇ ↔ ⇄ ☞ ☜
Unit	$ ¢ € £ ¥ °
International	α β γ δ μ Ω φ ª º
Number	² ³ ₂ ₃ ¼ ½ ¾
Pictograph	★ ● ○ □ △ ♠ ♥ ♦ ♣ ♪ ✚ ⚲ ♂ ♀
Electrical	⏚ ∼ ⎓ ⊣⊢ ⏻ ⊗ ⊟ ⏚ ⧈ ○ | ⊕ ⦶ ⊽ ⊸ ϟ ▭ 🔈
Others	⃠ ⚠ ⚠ ☠ ⊗ ☎ ✎ 🖷 ✉ 💻 🎙 🎬 ☃ 🎄 🎄 🎅 🎁 ❋

The use of the CE mark is strictly governed by one or more European Council directives. Ensure that any labels you produce which use this mark conform with the relevant directives.

Entering Accented Characters

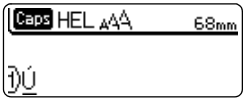
The P-touch can display and print a set of accented characters such as other language specific characters.

1 Enter the character you wish to change to a composite character.

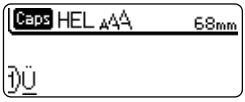


> Caps mode can be used with the Accent function.

2 Press the Accent key.
The character you entered will change to an accented character.

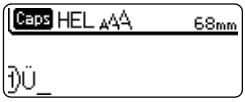


3 Press the Accent key repeatedly until the desired accented character is selected, or select it by using the ◄ or ► keys.



> The order of composite characters which appear on display differ by the selected LCD language.

4 Press the OK or Text key.
The selected composite character is inserted into the line of text.



- Press the Esc key to return to the previous step.
- Refer to the Accented Character List table for a complete list of all accented characters available.

Accented Character List

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

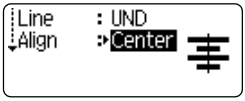
Setting Character Attributes

Setting Character Attributes by Label

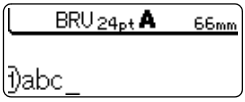
Using the Text key, you can select a font and apply size, width, style, line, and alignment attributes.

1 Press the Text key.
The current settings are displayed.

2 Select an attribute using the ▲ or ▼ keys, and then set a value for that attribute using the ◀ or ▶ keys.



3 Press the OK or Enter key to apply the settings.



New settings are NOT applied if you do not press the OK or Enter key.

- Press the Esc key to return to the previous step.
- Press the Space key to set the selected attribute to the default value.
- Refer to the Setting Options table for a list of all available settings.
- Small characters may be difficult to read when certain styles are applied (e.g. Shadow + Italic).

Setting Character Attributes by Each Line

When a label consists two or more lines of text, you can set different value of character attributes (font, size, width, style, line and alignment) for each line.

Move the cursor to the line you wish to change the character attribute by using the ▲ or ▼ keys. Next, press the Text key while holding down Shift key to display the attributes. (on the screen indicates that you are now applying the attribute for that specific line only.)

When different value of attribute is set for each line, the value will be displayed as **** when you press the Text key. When you change this setting (****) by using the ◀ or ▶ keys, the new setting will be applied to all lines of the label.

Setting Options

Attribute	Value	Result
Font	**HEL (Helsinki)**	ABCabc
	BRU (Brussels)	ABCabc
	US (USA)	ABCabc
	FLO (Florida)	ABCabc
	BEL (Belgium)	ABCabc
	SGO (San Diego)	ABCabc
	LA (Los Angeles)	ABCabc
	CAL (Calgary)	ABCabc

Attribute	Value	Result
Size	**Auto**	When Auto is selected, the text is automatically adjusted to print in the largest size available for each tape width.
	48pt	ABCabc
	42pt	ABCabc
	36pt	ABCabc
	24pt	ABCabc
	18pt	ABCabc
	12pt	ABCabc
	9pt	ABCabc
	6pt	ABCabc
Width	x2	ABCabc
	x3/2	ABCabc
	x1	ABCabc
	x2/3	ABCabc
	x1/2	ABCabc

Attribute	Value	Result
Style	**Off**	ABCabc
	BLD (Bold)	ABCabc
	OUT (Outline)	ABCabc
	SHD (Shadow)	ABCabc
	SLD (Solid)	ABCabc
	ITL (Italic)	*ABCabc*
	I+BLD (Italic Bold)	***ABCabc***
	I+OUT (Italic Outline)	*ABCabc*
	I+SHD (Italic Shadow)	*ABCabc*
	I+SLD (Italic Solid)	***ABCabc***
	VRT (Vertical)	A B C a b c
Line	**Off**	ABCabc
	UND (Underline)	ABCabc
	STR (Strikeout)	~~ABCabc~~

Attribute	Value	Result
Align (Alignment)	**Left**	ABCabc
	Center	ABCabc
	Right	ABCabc
	Just (Justify)	A B C a b c

Setting Auto Fit Style

When "Size" is set to "Auto" and "Length" is set to a specific length, you can select the way of reducing 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 x1/2 setting. (If further size reduction is required to fit the text into the selected label length, the P-touch will automatically reduce the text size further after applying the x1/2 setting.)

1 Press the Setup key to display the Setup menu, Select "Auto Fit Style" using the ▲ or ▼ keys, and then press the OK or Enter key.
The Auto Fit Style screen is displayed.

2 Select the style using the ▲ or ▼ keys.

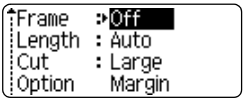
3 Press the OK or Enter key to apply the setting.

- Press the Esc key to return to the previous step.
- Press the Space key to set the style to the default setting ("Text Size").

Setting Label Attributes

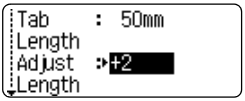
Using the Label key, you can create a label with a frame around the text and specify the label length and tab length. (Cut Options and Length Adjust setting which may be needed when printing a label can also be set by using the Label key. Refer to "Tape Cutting Options" and "Adjusting the Label Length Accuracy" on page 62 and 64.)

1 Press the Label key.
The current settings are displayed.



2 Select an attribute using the ▲ or ▼ keys, and then set a value for that attribute using the ◀ or ▶ keys.

When setting the label length or tab length, hold down the ◀ or ▶ keys to change the value faster.



3 Press the OK or Enter key to apply the settings.

New settings are NOT applied if you do not press the OK or Enter key.

- Press the Esc key to return to the previous step.
- Press the Space key to set the selected attribute to the default value.
- Refer to the Setting Options table for a list of all available settings.

●Setting Options●

Attribute	Value	Result
Frame	Off	ABCabc
	1	ABCabc
	2	ABCabc
	3	ABCabc
	4	ABCabc
	5	ABC abc ABC ABC abc ABC ABC abc ABC
	6	ABCabc
	7	ABCabc
	8	ABCabc
	9	ABCabc
	10	ABCabc
	11	ABCabc
	12	ABCabc
	13	ABCabc
	14	ABCabc
	15	ABCabc

Attribute	Value	Result
Frame	16	
	17	
	18	
	19	
	20	
Length	The length of the label can be set within the range 30mm (1.2") - 300mm (12.0"). When **Auto** is selected, the length of the label is automatically adjusted based on the amount of text entered.	
Tab Length	The length of the tab can be set within the range 0mm (0.0") - 100mm (4.0"). The default setting is **50mm (2.0")**.	

Using Auto-Format Layouts

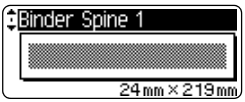
Using the Auto-Format function you can quickly and easily create labels for a variety of purposes, such as file tabs, equipment labels, name badges, etc. Simply select a layout from the templates or block layouts, enter the text and apply formatting as desired.

Symbols and accented characters can also be used in auto-format layouts.

Using Templates - Example creating an Asset Tag

1 Press the A/F key to display the Auto-Format screen, and then select "Templates" using the ▲ or ▼ keys.

2 Press the OK or Enter key.
The last template used is displayed.



3 Select a template using the ▲ or ▼ keys.

4 Press the OK or Print key.
The Style screen is displayed.

5 Select an attribute using the ▲ or ▼ keys, and then set a value for that attribute using the ◀ or ▶ keys.

6 Press the OK or Print key.
The Bar Code Setup screen is displayed.

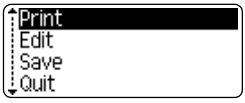
7 Select an attribute using the ▲ or ▼ keys, and then set a value for that attribute using the ◀ or ▶ keys.

The "C-Digit" attribute is only available for the CODE39, I-2/5 and CODABAR protocols.

8 Press the OK or Print key.
The template text entry screen is displayed.

Caps mode can be used when entering text.

9 Enter the text and then press the OK or Print key.
Repeat this for each text field.
After all text fields are entered, the print menu is displayed when the OK or Print key is pressed.



10 Select "Print" using the ▲ or ▼ keys and then press the OK or Print key to print the label.

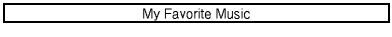
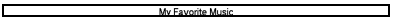
- Select "Edit" to change the text data or style settings.
- Select "Save" to store the label in a file memory.
- Select "Quit" to exit the Auto-Format function.

- Press the Esc key to return to the previous step.
- On the Style and Bar Code Setup screens, press the Space key to return the selected attribute to the default value.
- Refer to the Templates table for a list of available templates.
- The "Clear All Text?" message is displayed when the Clear key is pressed while holding down the Shift key. Press the OK or Enter key to delete all text, or press the Esc key to not delete the file.
- To print multiple copies, sequentially numbered copies, or a mirror image of the label, with the print menu displayed hold down the Shift key and press the Print Options / Print key to display the Print Options menu.

- If the width of the current tape cassette does not match the set width for the selected layout, an error message is displayed when you try to print the label. Press the Esc key 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, an error message is displayed when the OK or Enter key is pressed. Press the Esc key or any other key to clear the error message, and edit the text using fewer characters.
- When using the Auto-Format function the label is cut with a margin on the left and right ends regardless of the current Tape Cutting Option setting (refer to page 62).

●Templates●

Attribute	Value	Details
Template Name	**Binder Spine 1**	PRESENTATION MATERIAL (24 mm x 219 mm [1" x 8.6"])
	Binder Spine 2	PRESENTATION MATERIAL (18mm x 219mm [3/4" x 8.6"])
	File Folder Tab	PAYABLES (12 mm x 82 mm [1/2" x 3.2"])
	Divider Tab (Hanging Folder)	AUGUST (12 mm x 42 mm [1/2" x 1.6"])
	Asset Tag	Property of: ABC Company, Inc. *00001* (18 mm x 70 mm [3/4" x 2.7"])
	Bin Box	Lock Washer 1/4–20 NF Thread Size 0 12302 05400 9 (18 mm x 76 mm [3/4" x 3.0"])
	Equipment Label	ABC Company, Inc. Control / Sales Equipment No. / 123456789 (24 mm x 58 mm [1" x 2.2"])
	Faceplate (VRT)	C–A11 C–A12 C–A13 (12 mm x 70 mm [1/2" x 2.7"])
	Cable Wrap 1	7A–B23 7A–B23 7A–B23 7A–B23 7A–B23 7A–B23 (24 mm x 39 mm [1" x 1.5"])
	Cable Wrap 2	7A–B23 7A–B23 7A–B23 7A–B23 7A–B23 7A–B23 (18 mm x 39 mm [3/4" x 1.5"])

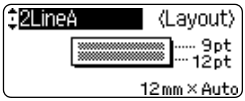
Attribute	Value	Details
Template Name	Name Badge 1	 (24mm x 72mm [1" x 2.8"])
	Name Badge 2	 (18mm x 72mm [3/4" x 2.8"])
	Name Badge 3	 (12mm x 72mm [1/2" x 2.8"])
	CD Case Spine 1	 (6 mm x 113 mm [1/4" x 4.4"])
	CD Case Spine 2	 (3.5 mm x 113 mm [9/64" x 4.4"])
	VHS Spine	 (18 mm x 140 mm [3/4" x 5.5"])
	MiniDV Spine	 (9 mm x 42 mm [3/8" x 1.7"])

Using Block Layouts

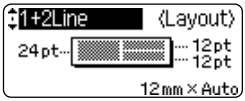
1 Press the A/F key to display the Auto-Format screen, and then select "Block Layouts" using the ▲ or ▼ keys.

2 Press the OK or Enter key to display the Tape Width screen, and then select a tape width using the ▲ or ▼ keys.

3 Press the OK or Enter key.
When the tape width has not changed, the last block layout selected is displayed. When the tape width has changed, the default layout for the new tape width is displayed.



4 Select a block layout using the ▲ or ▼ keys.



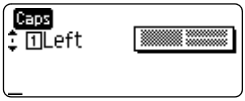
5 Press the OK or Enter key.
The Style screen is displayed.

6 Select an attribute using the ▲ or ▼ keys, and then set a value for that attribute using the ◀ or ▶ keys.

Press the Space key to set the selected attribute to the default value.

7 Press the OK or Enter key.
The block layout text entry screen is displayed.

Caps mode can be used when entering text.



8 Enter text and then press the OK or Enter key.
Repeat for each text field.
After all text fields are completed, press the OK or Enter key to display the print menu.

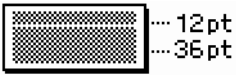
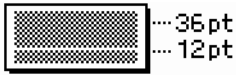
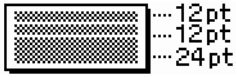
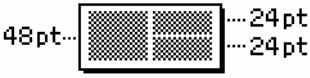
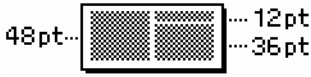
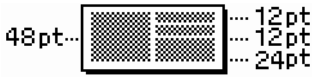
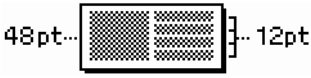
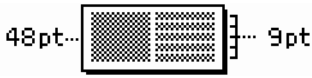
9 Select "Print" using the ▲ or ▼ keys and then press the OK or Enter to print the label.

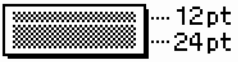
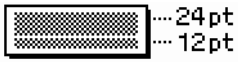
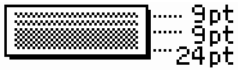
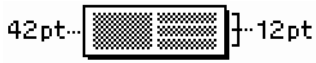
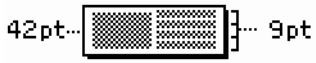
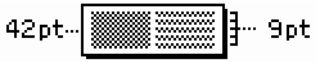
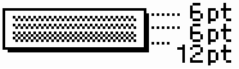
- Select "Edit" to change the text data or style settings.
- Select "Save" to store the label in a file memory.
- Select "Quit" to exit the Auto-Format function.
- Select "Change Layout" to use a different layout.

- Press the Esc key to return to the previous step.
- Refer to the Block Layouts table for a list of available block layouts.
- The "Clear All Text?" message is displayed when the Clear key is pressed while holding down Shift key. Press the OK or Enter key to delete all text, or press the Esc key to not delete the text.
- To print multiple copies, sequentially numbered copies, or a mirror image of the label, with the print menu displayed hold down the Shift key and press the Print Options / Print key to display the Print Options menu.

- If the width of the current tape cassette does not match the set width for the selected layout, an error message is displayed when you try to print the label. Press the Esc key 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, an error message is displayed when tthe OK or Enter key is pressed. Press the Esc key or any other key to clear the error message, and edit the text using fewer characters.
- When using the Auto-Format function the label is cut with a margin on the left and right ends regardless of the current Tape Cutting Option setting (refer to page 62).

●Block Layouts●

Attribute	Value	Details
Block layout (24mm [1"] tape)	**2LineA**	
	2LineB	
	3 Line	
	1+2Line A	
	1+2Line B	
	1+3Line	
	1+4Line	
	1+5Line	

Attribute	Value	Details
Block layout (18 mm [3/4"] tape)	**2LineA**	
	2LineB	
	3Line	
	1+2LineA	
	1+2LineB	
	1+3Line	
	1+4Line	
	1+5Line	
Block layout (12 mm [1/2"] tape)	**2LineA**	
	2LineB	
	3Line	
	1+2Line	

Attribute	Value	Details
Block layout (9 mm [3/8"] tape)	**2LineA**	
	2LineB	
	1+2Line	
Block layout (6 mm [1/4"] tape)	**1+2Line**	

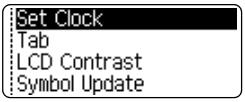
Using Time & Date Function

You can add a time and date to your label by positioning the cursor on the text screen to the position you wish to add time/date and then pressing the Time key.

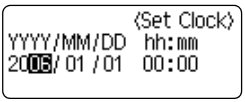
Clock Setting

The time and date set in the clock setting can be displayed on the screen, it can also be added to the label in your desired format.

1 Press the Setup key to display the Setup menu, select "Set Clock" using the ▲ or ▼ keys, and then press the OK or Enter key.



2 The Set Clock screen is displayed.
Set the year, month, date, hour and minute to the current figure using the ▲ or ▼ keys. To move to the next parameter, use the ◀ or ▶ keys.



You can also use the Num keys to type in the figure.

3 Press the OK or Enter key to apply the settings.

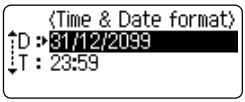
- Press the Esc key to return to the previous step.
- Press the Space key to set the format to default setting.
- The clock will activate from when the clock setting is applied.
- To keep the clock setting when the AC adaptor is unplugged you will need to insert AA size alkaline batteries.

Time & Date Format Setting

You can select from various formats of time and date to add to your label.
Also, the indication of time can be selected between 12 hour clock and 24 hour clock.
The format applied in this setting will also be applied for the clock display which appears on the screen when you press the Mode key. (Refer to "Display Mode" on page 22 for detail.)

1 Press the Setup key to display the Setup menu, select "Time & Date Format" using the ▲ or ▼ keys, and then press the OK or Enter key.

2 The Time & Date Format screen is displayed. Select date or time using the ▲ or ▼ keys, and then set the format using the ◀ or ▶ keys.



3 Press the OK or Enter key to apply the settings.

New settings are not applied if you do not press the OK or Enter key.

- Press the Esc key to return to the previous step.
- Press the Space key to set the format to default setting.
- Refer to the Format Options for a list of all available format.

Time & Date Format Options

Attribute	Value	Description
D (Date)	**31/12/2099**	Date/Month/Year
	31.12.2099	Date.Month.Year
	31-12-2099	Date-Month-Year
	31.December 2099	Date.Month Year
	31.Dec.2099	Date.Month.Year
	12/31/2099	Month/Date/Year
	12.31.2099	Month.Date.Year
	12-31-2099	Month-Date-Year
	December 31, 2099	Month Date, Year
	Dec. 31, 2099	Month. Date, Year
	2099/12/31	Year/Month/Date
	2099-12-31	Year-Month-Date
T (Time)	11:59 PM	12 hour clock
	23:59	24 hour clock

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

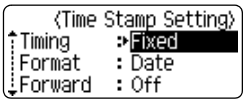
Time Stamp Setting

[Timing]

You can add a time and date to your labels. You can select whether to add the time and date the label was created, or let your P-touch update the label to the current time and date each time you print it.

1 Press the Setup key to display the Setup menu, select "Time Stamp Setting" using the ▲ or ▼ keys, and then press the OK or Enter key.

2 Select "Timing" using the ▲ or ▼ keys, and then select the value for the setting using the ◀ or ▶ key.



3 Press the OK or Enter key to apply the settings.

- Press the Esc key to return to the previous step.
- Press the Space key to set the format to default setting.
- Refer to the Time Stamp: Timing Options for available settings.

Time Stamp : Timing Options

Attribute	Value	Description
Timing	**Auto**	Press the Time key; a clock icon will be inserted to where the cursor is positioned on the text input screen. When you press the Print Options / Print key, the latest date/time will be printed on the label where the clock icon is positioned on the label layout.
	Fixed	Press the Time key; the current date/time will be inserted to where the cursor is positioned on the text input screen. When you press the Print Options / Print key, the date/time will be printed as shown on the input screen.

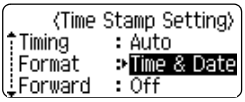
- When "Auto" is selected for the Timing setting and a clock icon is added to the text by pressing the Time key, you can confirm what settings are applied for the icon by positioning the cursor under the clock icon, and then pressing the Time key.

[Time Stamp Format]

You can select how the time and/or date information is printed on your label. Four options (Date; Time; Date and Time; or Time and Date) are available.

1 Press the Setup key to display the Setup menu, select "Time Stamp Setting" using the ▲ or ▼ keys, and then press the OK or Enter key.

2 Select "Format" using the ▲ or ▼ keys, and then select the value for the setting using the ◀ or ▶ key.



3 Press the OK or Enter key to apply the settings.

- Press the Esc key to return to the previous step.
- Press the Space key to set the value to default setting.
- Refer to the Time Stamp: Format Options for available 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 forwarded date and time or the current date and time when using the Time & Date Function.

1 Press the Setup key to display the Setup menu, select "Time Stamp Setting" using the ▲ or ▼ keys, and then press the OK or Enter key.

2 Select "Forward" using the ▲ or ▼ keys, and then to specify the amount of date and time to increase, select "On" using the ◀ or ▶ key.

3 Press the OK or Enter key. The Forward screen is displayed. Set the figures for the year, month, week, day, hour, and minute to increase from the currently set clock using the ▲ or ▼ Keys. For moving to the next parameter, use the ◀ or ▶ keys.

You can also use the Num keys to type in the figure.

4 Press the OK or Enter key to apply the settings.

- Press the Esc key to return to the previous step.
- Press the Space key to set the format to default setting.
- Refer to the Time Stamp: Forward Options for a list of all available formats.

●Time Stamp : Forward Options●

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

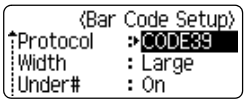
Creating a Bar Code Label

Using the Bar Code function you can create labels with bar codes for use with cash registers, stock control systems or other bar code reader systems, or even asset control tags used in an asset management system.

- The P-touch is not designed exclusively for creating bar code labels. Always check that bar code labels can be read by the bar code reader.
- For best results, print bar code labels in black ink on white tape. Some bar code readers may not be able to read bar code labels created using coloured tape or ink.
- Use the "Large" setting for "Width" whenever possible. Some bar code readers may not be able to read bar code labels created using the "Small" setting.
- Continuously printing a large number of labels with bar codes can overheat the print head, which may effect printing quality. If this happens you should stop printing for a few moments to let the print head cool down.

Setting Bar Code Parameters

1 Press the Setup key to display the Setup menu, select "Bar Code Setup" using the ▲ or ▼ keys, and then press the OK or Enter key.
The Bar Code Setup screen is displayed.



Pressing Bar Code key while holding down Shift key will also allow you to go to "Bar Code Setup".

2 Select an attribute using the ▲ or ▼ keys, and then set a value for that attribute using the ◀ or ▶ keys.

The "C-Digit" attribute is only available for the CODE39, I-2/5 and CODABAR protocols.

Characters may not appear below the bar code even when "ON" is selected for "Under #", depending on the tape width being used, the number of lines entered, or the current character style settings.

3 Press the OK or Enter key to apply the settings.

New settings are NOT applied if you do not press the OK or Enter key.

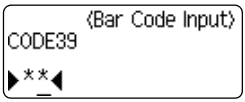
- Press the Esc key to return to the previous step.
- Press the Space key to set the selected attribute to the default value.
- Refer to the Bar Code Settings table for a list of all available settings.

●Bar Code Settings●

Attribute	Value
Protocol	**CODE39**, CODE128, EAN8, EAN13, EAN128, UPC-A, UPC-E, I-2/5 (ITF), CODABAR
Width	**Large**
	Small
Under# (characters printed below bar code)	**On**
	Off
C.Digit (check digit)	**Off**
	On (only available for the CODE39, I-2/5 and CODABAR protocols)

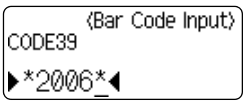
Entering Bar Code Data

1 Press the Bar Code key.
The Bar Code Input screen is displayed.

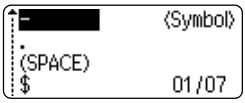


Up to five bar codes can be entered on a label.

2 Type in the bar code data.
Special characters can be entered in the bar code when using the CODE39, CODABAR, CODE128 or EAN128 protocols. When not using special characters, go to step 5.



3 Press the Symbol key.
A list of characters available for the current protocol is displayed.



4 Select a character using the ▲ or ▼ keys, then press the OK or Enter key to insert the character in the bar code data.

5 Press the OK or Enter key to insert the bar code in the label.
Two bar code marks are displayed on the text entry screen.

- Press the Esc key to return to the previous step.
- Refer to the Special Characters List table for a list of all available settings.

Special Character List

CODE39

Code	Special Character
0	-
1	.
2	(SPACE)
3	$
4	/
5	+
6	%

CODABAR

Code	Special Character
0	-
1	$
2	:
3	/
4	.
5	+

CODE128, EAN128

Code	Special Character	Code	Special Character	Code	Special Character
0	(SPACE)	24	\	48	DC3
1	!	25	]	49	DC4
2	"	26	^	50	NAK
3	#	27	_	51	SYN
4	$	28	NUL	52	ETB
5	%	29	`	53	CAN
6	&	30	SOH	54	EM
7	'	31	STX	55	SUB
8	(	32	ETX	56	ESC
9	)	33	EOT	57	{
10	*	34	ENQ	58	FS
11	+	35	ACK	59	|
12	,	36	BEL	60	GS
13	-	37	BS	61	}
14	.	38	HT	62	RS
15	/	39	LF	63	~
16	:	40	VT	64	US
17	;	41	FF	65	DEL
18	<	42	CR	66	FNC3
19	=	43	SO	67	FNC2
20	>	44	SI	68	FNC4
21	?	45	DLE	69	FNC1

Code	Special Character	Code	Special Character	Code	Special Character
22	a	46	DC1		
23	[	47	DC2		

Editing and Deleting a Bar Code

- To edit the bar code data position the cursor beneath either of the bar code marks on the data entry screen and then open the Bar Code Input screen. Refer to "Entering Bar Code Data" on page 55.
- To edit the "Width" and "Under#" settings on a bar code already placed on the screen, position the cursor beneath either of the bar code marks on the data entry screen and then open the Bar Code Setup screen. Refer to "Setting Bar Code Parameters" on page 54.
- To delete a bar code from a label, position the cursor to right of the bar code marks on the data entry screen and press the Clear key.

LABEL PRINTING

Label Preview

Using the Preview function you can check the layout of the label before printing it onto the label.

1 Press the Feed & Cut / Preview key.
An image of the label is displayed on the screen.
The length of the label is shown in the lower-right corner of the screen.
Press the ◄ or ► keys to scroll the preview to the left or right.
Press the ▲ or ▼ keys to change the magnification of the preview.

- Press the Esc key to return to the text entry screen. (You can also return to the text entry screen by pressing OK, Space or Feed & Cut / Preview key.)
- To scroll the preview to the left or right end, hold down the Shift key and press the ◄ or ► keys.
- To print the label directly from the preview screen, press the Print Options / Print key or open the print options screen and select a print option. Refer to "Printing a Label" below for details.
- The print preview is a generated image of the label, and may differ from the actual label when printed.

Printing a Label

After entering the text and formatting the label, you are ready to print your label. In addition to printing a single copy of a label, your P-touch has several printing features that allow you to print multiple copies of a label, sequentially numbered labels and mirror-printed labels.

- **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.**
- Do not block the tape exit slot during printing or when feeding tape. Doing so will cause the tape to jam.
- Be sure to check that there is enough tape remaining when printing several labels continuously. If tape is running low, set fewer copies or print labels one at a time.
- Striped tape indicates the end of the tape cassette. If this appears during printing, press the ⏻ key to turn the P-touch off. Continuing printing may cause damage.

Printing a Single Copy

1. Make sure that the appropriate tape cassette is inserted and ready for printing.
2. Press the Print key.
   The message shown on the right is displayed while the label is being printed.

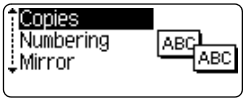
To stop printing, press the ⏻ key to turn off the P-touch.

There are several other messages that may appear when you press the Print key. Refer to "Error Messages" on page 75 and check the meaning of any messages that appear.

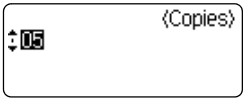
Printing Multiple Copies

Using this function you can print up to 99 copies of the same label.

1. Make sure that the appropriate tape cassette is inserted and ready for printing.
2. Hold down the Shift key and press the Print key to display the print options screen, and then select "Copies" using the ▲ or ▼ keys.

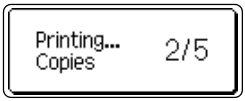


3. Press the OK or Enter key to display the Copies screen, and then select the number of copies to be printed using the ▲ or ▼ keys, or type the number using the number keys.



   Hold down the ▲ or ▼ keys to change the number of copies faster.

4. Press the OK or Enter key.
   The message shown on the right is displayed while the labels are being printed.



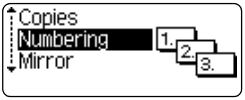
- Press the Esc key to return to the previous step.
- Unless set otherwise, the tape is automatically cut after each copy is printed. Refer to "Tape Cutting Options" on page 62 to change this setting.
- The figures shown on the screen during printing indicate the "count / number of copies set".
- Press the Space key to reset the number of copies to the default value of 1.

Auto-numbering Labels

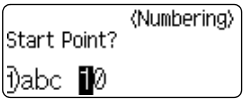
Using the numbering function you can create a set of sequentially numbered labels from a single label format.

1 Make sure that the appropriate tape cassette is inserted and ready for printing.

2 Hold down the Shift key and press the Print Options / Print key to display the print options screen, and then select "Numbering" using the ▲ or ▼ keys.

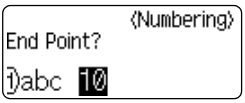


3 Press the OK or Print key.
The numbering start point screen is displayed.

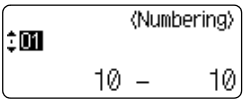


> To apply auto-numbering to a bar code, select the bar code here. After selecting the bar code you will be prompted to enter the number of labels to be printed (step 6).

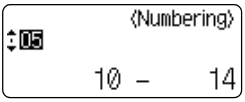
4 Move the cursor to the first character to be incremented in the numbering sequence and press the OK or Print key.
The numbering end point screen is displayed.



5 Move the cursor to the last character to be incremented in the numbering sequence and press the OK or Print key.
The number of labels to be printed is displayed.



6 Select the number of labels to be printed using the ▲ or ▼ keys, or type the number using the number keys.



> Hold down the ▲ or ▼ keys to change the number of labels faster.

7 Press the OK or Print key.
The labels are printed.
As each label is printed the number of copies printed is shown.

- Press the Esc key to return to the previous step.
- Unless set otherwise, the tape is automatically cut after each copy is printed. Refer to "Tape Cutting Options" on page 62 to change this setting.
- The figures shown on the screen during printing indicate the "count / number of copies".
- Press the Space key to reset the number of copies to the default value of 1.
- Auto-numbering can also be applied to bar codes. When a bar code contains an auto-numbering sequence, no other fields in the label can contain an auto-numbering sequence.
- The auto-number portion of the label is incremented after each label is printed.
- Only one auto-numbering sequence can be used in a label.
- Any symbols or other non-alphanumeric characters in the auto-numbering sequence are ignored.
- An auto-numbering sequence can only contain a maximum of five characters.

- Letters and numbers increase as shown below:

  0 → 1 ...9 → 0 → ...
  A → B ...Z → A → ...
  a → b ...z → a → ...
  A0 → A1 ...A9 → B0 → ...

  Spaces (shown as underlines "_" in the example below) can be used to adjust the spacing between characters or to control the number of digits that are printed.

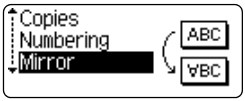
  _9 → 10 ...99 → 00 → ...
  _Z → AA ...ZZ → AA → ...
  1_9 → 2_0 ...9_9 → 0_0 → ...

Mirror Printing

Using the mirror printing function you can create labels with the text printed in reverse so that they can be read from the opposite side when attached to glass or other transparent material.

1 Make sure that the appropriate tape cassette is inserted and ready for printing.

2 Hold down the Shift key and press the Print Options / Print key to display the print options screen, and then select "Mirror" using the ▲ or ▼ key.



3 Press the OK or Print key.
The message "Mirror Print?" is displayed

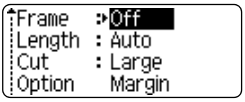
4 Press the OK or Print key.
The message shown on the right is displayed while the label is being printed.

- Press the Esc key to return to the previous step.
- Text should be printed on clear tape when using the mirror printing function.
- The copy and auto-numbering functions cannot be used together with the mirror printing function.

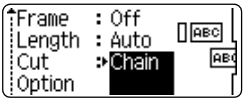
Tape Cutting Options

The tape cutting options allow you to specify how the tape is fed and cut when printing labels. In particular, the "Chain" and "No Cut" options greatly reduce the amount of wasted tape by using smaller margins and eliminating blank sections cut between labels.

1 Press the Label key to display the Label menu.



2 Select "Cut Option" using the ▲ or ▼ keys, and then set the value by using the ◀ or ▶ keys.

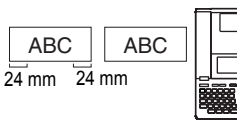
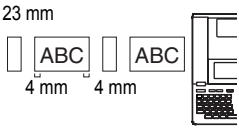
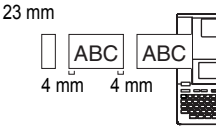
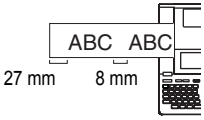


3 Press the OK or Print key to apply the settings.

New settings are NOT applied if you do not press the OK or Print key.

- Press the Esc key to return to the previous step.
- Refer to the Tape Cutting table for a list of all available settings.

●Tape Cutting●

Setting	Description	Example
Large Margin	Automatically cuts the tape after each label is printed. The labels have a 24 mm margin on the left and right ends.	
Small Margin	• When printing labels one at a time: It automatically cuts a piece of blank tape before printing the label, and then cuts the tape after the label is printed. • When printing several labels continuously: It automatically cuts a piece of blank tape before printing the first label, and then cuts the tape after each label is printed. • The labels have a 4 mm margin on the left and right ends.	
Chain	• When printing labels one at a time: It automatically cuts a piece of blank tape before printing the label, and then does not cut the tape after the label is printed. • When printing several labels continuously: It automatically cuts a piece of blank tape before printing the first label, and then cuts the tape after each label is printed. • The labels have a 4 mm margin on the left and right ends. • The tape is not fed and cut after the last label is printed.	
No Cut	• Use this setting to print a strip of labels with no cuts in between. • Pressing the Feed & Cut / Preview while holding down Shift key will feed and cut the last label printed.	

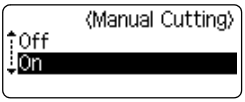
- When using Fabric Tapes or Strong Adhesive Tapes, refer to "Manual Cutting" on page 64 to apply the appropriate setting.
- The tape is not cut after the last label is printed when "Chain" or "No Cut" is set. Hold down the Shift key and press the Feed & Cut / Preview key to feed and cut the tape automatically, or cut the tape manually if you are using Fabric Tapes or Strong Adhesive Tapes.

Manual Cutting

When using Fabric Tapes or Strong Adhesive Tapes, set "On" for Manual Cutting before printing. After printing, remove the tape cassette from the machine and use scissors to cut the tape.

1 Press the Setup key to display the setup menu, select "Manual Cutting" using the ▲ or ▼ keys, and then press the OK or Enter key.

2 Select the value by using the ▲ or ▼ keys.



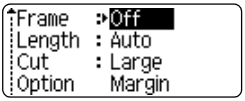
3 Press the OK or Enter key to apply the setting.

- Press the Esc key to return to the previous step.
- Press the Space key to set the value to its default setting ("Off").

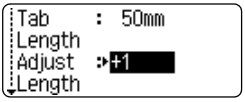
Adjusting the Label Length Accuracy

You can adjust the accuracy of the printed label length in increment of -5 to +5.

1 Press the Label key. The current settings are displayed.



2 Select "Adjust Length." by using the ▲ or ▼ keys, and then set the value by using the ◄ or ► keys.



3 Press the OK or Enter key to apply the setting.

- Press the Esc key to return to the previous step.
- Press the Space key to set the value to default setting.
- Approximately 1% of the total label length will be adjusted by 1 level.

Attaching Labels

1 If necessary, trim the printed label to the desired shape and length using scissors, etc.

2 Peel the backing from the label.

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

- The backing of some types of tapes may be pre-cut to make it easier to peel the backing.
- Labels may be difficult to attach to surfaces that are wet, dirty, or uneven. The labels may peel off easily from these surfaces.
- Be sure to read the instructions provided with Fabric Iron-On Tapes, Extra Strength Adhesive Tapes or other special tapes and observe all precautions noted in the instructions.

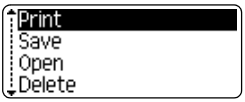
USING THE FILE MEMORY

You can store up to 99 of your most frequently used labels in the file memory. Each label is stored as a file, allowing you to quickly and easily recall your label when needed again.

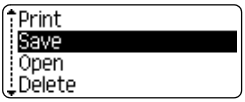
- When the file memory is full, each time you save a file you will need to overwrite one of your stored files.
- You will lose your stored files if the AC adaptor is disconnected and the batteries are removed for more than two minutes.

Storing a Label into Memory

1 After entering the text and formatting the label, press the File key to display the File screen.



2 Select "Save" using the ▲ or ▼ keys.



3 Press the OK or Enter key.
A file number is displayed.
A label text is also displayed if a label is already stored in that file number.

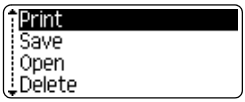
4 Select a file number using the ▲ or ▼ key, and then press the OK or Enter key to save the label under the selected file number.
The file is saved and the screen returns to the text entry screen.

When there is already a stored file in the selected number, the data will be overwritten by the file you try to save.

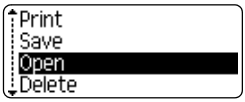
- Press the Esc key to return to the previous step.
- Up to 280 characters can be saved in one file, depending on the number of lines. Total 2800 characters can be saved in 99 files. Text and layout formatting data is also saved in the file.
- To store a label created by using the Auto-Format Layouts, refer to "Using Auto-Format Layouts" on page 38.

Opening a Stored Label File

1 Press the File key to display the File screen.

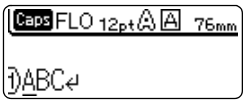


2 Select "Open" using the ▲ or ▼ keys.



3 Press the OK or Text key.
The file number of a stored label is displayed.
The label text is also displayed to identify the label.

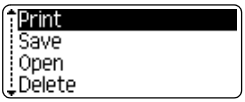
4 Select a file number using the ▲ or ▼ key, and then press the OK or Text key to open the selected file.
The file is opened and displayed on the text entry screen.



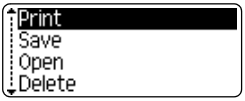
Press the ESC key to return to the previous step.

Printing a Stored Label File

1 Press the File key to display the File screen.

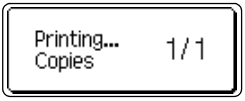


2 Select "Print" using the ▲ or ▼ keys.



3 Press the OK or Enter key.
The file number of a stored label is displayed.
The label text is also displayed to identify the label.

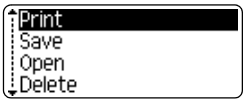
4 Select a file number using the ▲ or ▼ key, and then press the Print (Print Options), OK or Enter key to print the selected label. The label is printed from the machine.



- Press the Esc key to return to the previous step.
- The message "No Text!" is displayed when you try to print a file with no text.

Deleting a Stored Label File

1 Press the File key to display the File screen.



2 Select "Delete" using the ▲ or ▼ keys.

3 Press the OK or Enter key.
The file number of a stored label is displayed.
The label text is also displayed to identify the label.

4 Select a file number using the ▲ or ▼ key, and then press the OK or Enter key.
The message "Delete?" is displayed.

5 Press the OK or Enter key to delete the file.
The file is deleted and the screen returns to the text entry screen.

Press the ESC key to cancel deleting the file and return to the previous screen.

MAINTAINING YOUR P-touch

Resetting the P-touch

You can reset the internal memory of your P-touch when you want to clear all saved label files, or in the event the P-touch is not working properly.

1. Turn off the machine and then while holding down Shift and R, press ⏻ to turn the machine back on. Finally, release Shift and R.
   The P-touch turns on with the internal memory reset.

Release the ⏻ key before releasing the other keys.

All text, format settings, option settings and stored label files are cleared when you reset the P-touch. Language, unit, and clock settings will also be cleared.

Maintenance

Your P-touch should be cleaned on a regular basis to maintain its performance and life span.

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

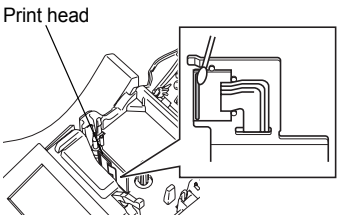
Cleaning the Main Unit

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

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

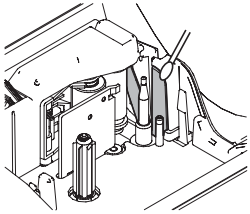
Streaks or poor quality characters on printed labels generally indicates that the print head is dirty. Clean the print head using a cotton swab or optional print head cleaning cassette (TZ-CL4).



- 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.

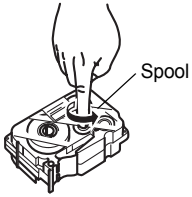


- About once every year, wipe the cutter blade using a cotton swab moistened with alcohol.
- Do not touch the cutter blade directly with your bare hands.

TROUBLESHOOTING

What to do when...

Problem	Cause	Solution
The screen 'locks', or the P-touch does not respond properly.	Refer to "Resetting the P-touch" on page 70 and reset the internal memory to the initial settings. If resetting the P-touch does not solve the problem, disconnect the AC adaptor and remove the batteries for more than 10 minutes.	
The display remains blank after turning on the power.	Is the AC adaptor connected correctly?	*Check that the AC adaptor designed exclusively for your P-touch is connected correctly.*
	Are you using the correct AC adaptor?	*Make sure that you are using the AC adaptor designed exclusively for your P-touch (included in package).*
	Are the batteries fitted correctly?	*Remove and re-install the batteries.*
The LCD messages are displayed in foreign language.	Is the language set properly?	*Refer to "Setting Language and Unit" on page 23 and select the desired language for the LCD messages.*
The label is not printed after pressing the Print (Print Options) key.	Has text been entered?	*A label will not be printed if there is no text entered.*
	Is the tape cassette installed correctly, and is there enough tape remaining?	*Check that the tape cassette is installed correctly, and that there is enough tape remaining.*
	Is the end of the tape bent?	*If bent, cut the bent section of tape with scissors and thread the tape through the tape exit slot correctly.*
	Is the tape jammed?	*If jammed, remove the tape cassette, carefully pull out the jammed tape, and then cut the tape with scissors. Check that the end of the tape passes through the tape guide, and reinstall the tape cassette.*

Problem	Cause	Solution
The label is not printed correctly.	Is the tape cassette installed correctly?	*When installing a cassette, press firmly until it clicks into place.*
	Is the print head clean?	*If not, clean the print head using a cotton swab or optional print head cleaning cassette (TZ-CL4).*
	Is Cut Option set to Chain or No Cut?	*When these options are set, the tape is not fed after printing the label. Check the Cut Option setting, or hold down the Shift key and press the Feed&Cut / Preview key to feed and cut the tape.*
The ink ribbon is separated from the ink roller.	Is the ink ribbon in the tape cassette loose, or did you pull on the label coming out of the tape exit slot?	*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.	Is there enough tape remaining in the tape cassette?	*The striped tape indicates you have reached the end of the tape. Replace the tape cassette when the striped tape appears.*
	Are the batteries weak and is the AC adaptor disconnected?	*Replace all batteries or connect the AC adaptor directly to the P-touch.*

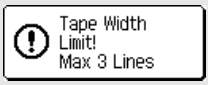
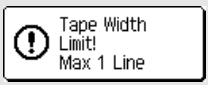
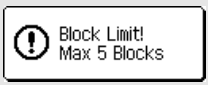
Problem	Cause	Solution
The label is not cut automatically.	Is Cut Option set to Chain or No Cut?	*When these options are set, the tape is not fed after printing the label. Check the Cut Option setting, or hold down the Shift key and press the Feed & Cut / Preview key to feed and cut the tape.*
Label files saved previously are now empty.	Have the batteries and AC adaptor been disconnected?	*All files stored in the internal memory are lost if the* batteries *and AC adaptor are disconnected for longer than two minutes.*
	Is there enough power remaining in the batteries?	*All data stored in the internal memory is lost if the batteries become empty.*
	Have you used the Reset function?	*The reset function clears all data stored in the internal memory, including label files.*

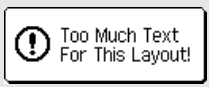
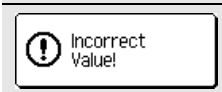
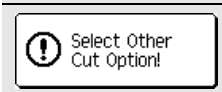
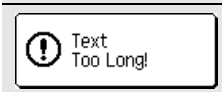
Error Messages

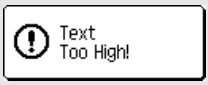
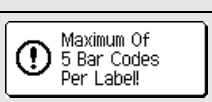
When an error message appears on the display, follow the directions provided below.

Press any key to clear the error message.

Message	Cause/Remedy
Battery Weak!	The installed batteries are getting weak.
Check Battery!	• The batteries are installed with the negative and positive end in the wrong position, or other type batteries are mixed with alkaline batteries. Install eight AA-size alkaline batteries (LR6) in the correct position. • The installed batteries are about to run out. Replace with new batteries or connect the AC adaptor before continuing.
Wrong Type Of Adapter Connected!	An incompatible AC adaptor is connected. Use only the AC adaptor designed exclusively for your P-touch.
Cutter Error!	The tape cutter is closed when you try 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.
No Text!	There is no text, symbols or bar code data entered when you try to print or preview a label. Enter data before continuing.
Insert Tape Cassette!	There is no tape cassette installed when you try to print or preview a label, or feed tape. Install a tape cassette before continuing.
Tape Cassette Changed!	The tape cassette was changed while printing, etc. Make sure the correct tape cassette is inserted before printing.
Line Limit! Max 7 Lines	There are already seven lines of text when you press the Enter key. Limit the number of lines to seven.
Tape Width Limit! Max 5 Lines	There are more than five lines of text when you press the Print Options Print or Feed & Cut Preview key while using 18mm (3/4") tape. Limit the number of lines to five, or change the tape cassette for one with a larger tape cassette.

Message	Cause/Remedy
	There are more than three lines of text when you press the Print Options / Print or Feed & Cut / Preview key while using 12 mm tape. Limit the number of lines to three, or change the tape cassette for one with a larger tape cassette.
	There are more than two lines of text when you press the Print Options / Print or Feed & Cut / Preview key while using 9 mm or 6 mm tape. Limit the number of lines to two, or change the tape cassette for one with a larger tape cassette.
	There is more than one line of text when you press the Print Options / Print or Feed & Cut / Preview key while using 3.5mm tape. Limit the number of lines to one, or change the tape cassette for one with a larger tape cassette.
	There are already five blocks of text. Limit the number of blocks to five.
	The maximum number of characters have already been entered. Edit the text and use fewer characters.
	The length of the label to be printed using the text entered is longer than 1 m. Edit the text so that the length of the label is less than 1 m.
	An 24mm (1") tape cassette is not installed when an Auto-Format for 24mm (1") tape is selected. Install an 24mm (1") tape cassette.
	An 18mm (3/4") tape cassette is not installed when an Auto-Format for 18mm (3/4") tape is selected. Install an 18mm (3/4") tape cassette.

Message	Cause/Remedy
 	A 12mm (1/2") tape cassette is not installed when an Auto-Format for 12mm (1/2") tape is selected. Install a 12mm (1/2") tape cassette.
 	A 9 mm (3/8") tape cassette is not installed when an Auto-Format for 9 mm (3/8") tape is selected. Install a 9 mm (3/8") tape cassette.
 	A 6 mm (1/4") tape cassette is not installed when an Auto-Format for 6 mm (1/4") tape is selected. Install a 6 mm (1/4") tape cassette.
 	A 3.5 mm (9/64") tape cassette is not installed when an Auto-Format for 3.5 mm (9/64") tape is selected. Install an 3.5 mm (9/64") tape cassette.
	The maximum number of characters for the selected layout have already been entered. Edit the text to use fewer characters or use a different layout.
	The value entered for setting the tape length, tab length, multiple copies, numbering function, or clock setting is invalid. Enter a valid value for the setting.
	The tape length is shorter than the total margin length set in the "Large Margin" cutting option.
	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.

Message	Cause/Remedy
	The text size is too large. Select a different size option.
	There is not enough internal memory available when you try to save a label file. Delete any unnecessary files to make more memory available for the new label file.
	The number of digits entered in the bar code data does not match the number of digits set in the bar code parameters. Enter the correct number of digits.
	The bar code data entered does not have the required start/stop code (A, B, C, or D required at the beginning and end of the bar code data for the CODABAR protocol). Enter the bar code data correctly.
	There are already 5 bar codes entered in the text data when you try to enter a new bar code. You can only use up to five bar codes in each label.

APPENDIX

Specifications

Main Unit

Item		Specification
Input Device (Keyboard)		67-key, QWERTY layout keyboard
Display		
	Display device	Dot matrix LCD
	Character display	16 characters x 3 lines (128 dot x 48 dot) *line indicator and 15 characters = 16 characters
	Back light display	Yes
Printing		
	Print method	Thermal printer
	Print head	128 dot / 180 dpi
	Print height	18.1mm max.(when using 24mm tape)
	Print speed	Approx. 0.39" (10 mm) / sec.
	Tape cassette	Standard TZ tape cassette (3.5, 6, 9, 12, 18, 24 mm widths)
	Tape cutter	Built-in automatic cutter
	No. of lines	24mm 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; 3.5mm tape : 1 line
	Print direction	Horizontal, Vertical
	Continuous printing	1 ~ 99 labels
	Print preview	Yes
	Cut and feed	Large Margin, Small Margin, Chain, No Cut
Characters		
	Internal character set:	Total of 329 characters (62 alphanumeric, 120 symbols, 147 accented characters, note that one character appears in both symbols and accented characters)
	Text buffer	2800 characters max.
	Fonts	Helsinki, Brussels, Florida, Belgium, USA, San Diego, Los Angeles, Calgary
	Character size	Auto, 48pt, 42pt, 36pt, 24pt, 18pt, 12pt, 9pt, 6pt
	Character style	Off, Bold, Outline, Shadow, Solid, Italic, Italic Bold, Italic Outline, Italic Shadow, Italic Solid, Vertical
	Character width	2, 3/2, 1, 2/3, 1/2
	Text alignment	Left, Center, Right, Justify

Item		Specification
Memory		
	Memory size	Maximum 2800 characters
	File storage	Maximum 99 files
Other Features		
	Frame	Total of 20 frame patterns
	Auto-Format	Templates: 17 Block layouts: 24mm (1"): 8, 18mm (3/4"): 8, 12mm (1/2"): 4, 9mm (3/8"): 3, 6mm (1/4"): 1
	Screen contrast	5 levels (+2, +1, 0, -1, -2)
Power Supply		
	Power supply	AC adaptor (AD-5000/AD-24ES), Eight AA-sizze alkaline batteries (LR6).
	Auto Power-off	Battery: 5 min.*, AC adaptor: 8 hours *When using P-touch only. When connected to a PC, 1 hour.
Size		
	Dimensions	179.5mm (W) x 247.9mm (D) x 71.8mm (H)
	Weight	850g (without tape cassette and batteries)
Other		
	Operating temperature / humidity	10 ~ 35°C / 20 ~ 80% humidity (without condensation) Maximum wet bulb temperature: 27°C

Operating Environment: Windows®

Item	Specification
OS	Microsoft® Windows® 98SE/Me/2000 Professional/XP
CPU	32bit Pentium compatible (using 32 bit operating system)
Memory	Windows® 98SE, Me: 64MB or more required Windows® 2000 Pro, XP: 128MB or more required
Hard disk	70MB or more required
Monitor	SVGA High colour graphics support or higher
Interface	USB Port (USB specification 1.1 or 2.0 protocol)
Other	CD-ROM drive for installation

Operating Environment: Macintosh®

Item	Specification
OS	Mac OS X 10.1 - 10.4.4 Mac OS® 9.1 - 9.x* (For Mac OS® 9.1 - 9.x, visit our web site http://solutions.brother.com for software and driver download.)
Memory	32MB or more required
Hard disk	100MB or more required
Monitor	More than 256 colour
Interface	USB Port (USB specification 1.1 or 2.0 protocol)
Other	CD-ROM drive for installation

Accessories

Brother recommends the use of genuine Brother accessories (tape cassettes, AC adaptor, etc.) with your P-touch. The use of other products may effect the print quality or may damage your P-touch. Availability of accessories subject to change without notice. Also, the availability of accessories may vary in different countries.

(Only for Australia)
Nothing contained in this statement shall be deemed to restrict any warranty required to be given under the Trade Practices Act (Commonwealth of Australia) or any consumer legislation of any state of Australia.

Tape Cassettes

Do not use tapes that do not have the TZ TAPE mark.

■ Laminated tapes (length: 8 m)

The surface of laminated tapes is protected by a transparent film. This prevents characters from smudging or being erased if the label becomes wet.

Stock No.	Description
24 mm	
TZ-151	Black characters on clear tape
TZ-M51	Black characters on clear (mat) tape
TZ-152	Red characters on clear tape
TZ-153	Blue characters on clear tape
TZ-155	White characters on clear tape
TZ-251	Black characters on white tape
TZ-252	Red characters on white tape
TZ-253	Blue characters on white tape
TZ-354	Gold characters on black tape
TZ-355	White characters on black tape
TZ-451	Black characters on red tape
TZ-455	White characters on red tape
TZ-551	Black characters on blue tape
TZ-555	White characters on blue tape
TZ-651	Black characters on yellow tape
TZ-655	White characters on orange tape
TZ-751	Black characters on green tape
TZ-755	White characters on green tape
TZ-M951	Black characters on silver (mat) tape

Stock No.	Description
TZ-B51	Black characters on fluorescent orange tape
TZ-C51	Black characters on fluorescent yellow tape
TZ-D51	Black characters on fluorescent green tape
18 mm	
TZ-141	Black characters on clear tape
TZ-143	Blue characters on clear tape
TZ-241	Black characters on white tape
TZ-242	Red characters on white tape
TZ-243	Blue characters on white tape
TZ-344	Gold characters on black tape
TZ-345	White characters on black tape
TZ-441	Black characters on red tape
TZ-541	Black characters on blue tape
TZ-641	Black characters on yellow tape
TZ-741	Black characters on green tape
TZ-M941	Black characters on silver (mat) tape
12 mm	
TZ-131	Black characters on clear tape
TZ-M31	Black characters on clear (mat) tape
TZ-132	Red characters on clear tape
TZ-133	Blue characters on clear tape
TZ-135	White characters on clear tape
TZ-231	Black characters on white tape
TZ-232	Red characters on white tape
TZ-233	Blue characters on white tape
TZ-334	Gold characters on black tape
TZ-335	White characters on black tape
TZ-431	Black characters on red tape
TZ-435	White characters on red tape
TZ-531	Black characters on blue tape
TZ-535	White characters on blue tape
TZ-631	Black characters on yellow tape
TZ-635	White characters on orange tape
TZ-731	Black characters on green tape
TZ-735	White characters on green tape
TZ-M931	Black characters on silver (mat) tape

Stock No.	Description
TZ-B31	Black characters on fluorescent orange tape (length: 5 m)
TZ-C31	Black characters on fluorescent yellow tape (length: 5 m)
TZ-D31	Black characters on fluorescent green tape (length: 5 m)
9 mm	
TZ-121	Black characters on clear tape
TZ-122	Red characters on clear tape
TZ-123	Blue characters on clear tape
TZ-125	White characters on clear tape
TZ-221	Black characters on white tape
TZ-222	Red characters on white tape
TZ-223	Blue characters on white tape
TZ-324	Gold characters on black tape
TZ-325	White characters on black tape
TZ-421	Black characters on red tape
TZ-521	Black characters on blue tape
TZ-621	Black characters on yellow tape
TZ-721	Black characters on green tape
6 mm	
TZ-111	Black characters on clear tape
TZ-211	Black characters on white tape
TZ-315	White characters on black tape
TZ-611	Black characters on yellow tape

■ Non-laminated tapes (length: 8 m)

Stock No.	Description
24 mm	
TZ-N251	Black characters on white tape
18 mm	
TZ-N241	Black characters on white tape
TZ-N242	Red characters on white tape
TZ-N243	Blue characters on white tape
TZ-N541	Black characters on blue tape
TZ-N641	Black characters on yellow tape
TZ-N741	Black characters on green tape
TZ-NF41	Black characters on purple tape
TZ-PH41	Black characters on tape with a heart design (length: 4 m)
TZ-PF41	Black characters on tape with a fruit design (length: 4 m)
TZ-PM41	Black characters on tape with a marine design (length: 4 m)
12 mm	
TZ-N231	Black characters on white tape
TZ-N232	Red characters on white tape
TZ-N233	Blue characters on white tape
TZ-N531	Black characters on blue tape
TZ-N631	Black characters on yellow tape
TZ-N731	Black characters on green tape
TZ-NF31	Black characters on purple tape
9 mm	
TZ-N221	Black characters on white tape
6 mm	
TZ-N211	Black characters on white tape
3.5 mm	
TZ-N201	Black characters on white tape

■ Strong adhesive tapes (length: 8 m)

Laminated tapes with stronger adhesive, ideal for rough surfaces or harsh environments.

Stock No.	Description
24 mm	
TZ-S151	Black characters on clear tape
TZ-S251	Black characters on white tape
TZ-S651	Black characters on yellow tape

Stock No.	Description
18 mm	
TZ-S141	Black characters on clear tape
TZ-S241	Black characters on white tape
TZ-S641	Black characters on yellow tape
12 mm	
TZ-S131	Black characters on clear tape
TZ-S231	Black characters on white tape
TZ-S631	Black characters on yellow tape
9 mm	
TZ-S121	Black characters on clear tape
TZ-S221	Black characters on white tape
TZ-S621	Black characters on yellow tape
6 mm	
TZ-S111	Black characters on clear tape
TZ-S211	Black characters on white tape
TZ-S611	Black characters on yellow tape

■ **Flexible ID tapes (length: 8 m)**

Flexible laminated tapes ideal for labelling network cables, electrical wires, etc.

Stock No.	Description
24 mm	
TZ-FX151	Black characters on clear tape
TZ-FX251	Black characters on white tape
TZ-FX651	Black characters on yellow tape
18 mm	
TZ-FX141	Black characters on clear tape
TZ-FX241	Black characters on white tape
TZ-FX641	Black characters on yellow tape
12 mm	
TZ-FX131	Black characters on clear tape
TZ-FX231	Black characters on white tape
TZ-FX431	Black characters on red tape
TZ-FX631	Black characters on yellow tape
TZ-FX731	Black characters on green tape
9 mm	
TZ-FX121	Black characters on clear tape
TZ-FX221	Black characters on white tape

Stock No.	Description
TZ-FX621	Black characters on yellow tape
6 mm	
TZ-FX111	Black characters on clear tape
TZ-FX211	Black characters on white tape
TZ-FX611	Black characters on yellow tape

■ Tamper evident tape (length: 8 m)

This tape leaves a checkered pattern when removed.

Stock No.	Description
18 mm	
TZ-SE4	Black characters on white tape

■ Iron-on fabric tapes (length: 3 m)

These fabric labels can be affixed to other fabric using an iron.

Stock No.	Description
12 mm	
TZ-FA3	Blue characters on white tape
TZ-FAE3	Blue characters on pink iron-on fabric tape
TZ-FA53	Blue characters on blue iron-on fabric tape
TZ-FA63	Blue characters on yellow fabric tape

■ Acid free adhesive tapes (length: 8 m)

This tape can be safely used with photos for Scrapbooking and craft purposes.

Stock No.	Description
12 mm	
TZ-AF131	Black characters on clear tape
TZ-AF231	Black characters on white tape

■ Print head cleaning cassette

Cassette tape for cleaning the print head of your P-touch.

Stock No.	Description
18 mm	
TZ-CL4	Print head cleaning cassette (cleans approx. 100 times)

AC Adaptor

Stock No.
AD-5000/AD-24ES

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