

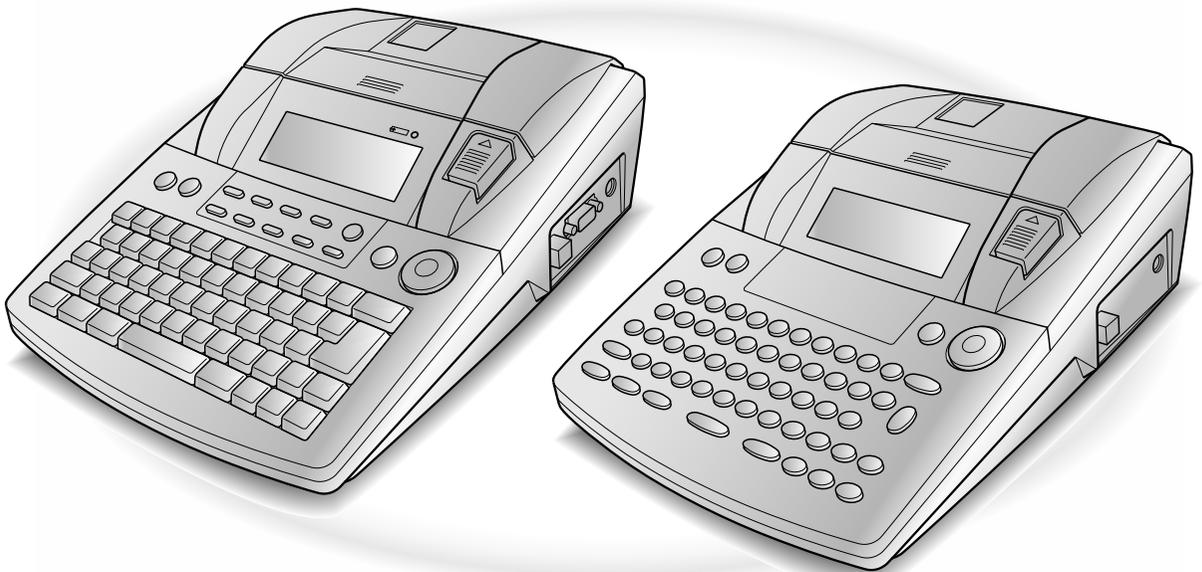
brother®

TZe
TAPE

P-touch

9600/3600

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.

PREFACE

Thank you for purchasing this P-touch!

With your new P-touch, you can create labels for any purpose. Select from a variety of frames, fonts and character styles to design beautiful custom labels. In addition, the many pre-formatted templates available make label-making quick and easy.

You can print professional-looking labels in no time. The quality and performance of this P-touch make it an extremely practical machine to meet all your labelling needs.

Although this P-touch is easy to use, we suggest that you read this User's Guide carefully before starting. Keep this manual nearby for future reference.

NOTE

The P-touch will make a noise when it is turned on or while it is printing; however, this does not indicate a malfunction.

Declaration of Conformity (Europe only)

We, BROTHER INDUSTRIES, LTD.
15-1, Naeshiro-cho, Mizuho-ku, Nagoya, 467-8561, Japan

declare that this product and AC adapter are in conformity with the essential requirements of all relevant directives and regulations applied within the European Community.

The Declaration of Conformity (DoC) can be downloaded from our website.

Visit <http://solutions.brother.com> -> choose region (eg. Europe) -> choose country -> choose your model -> choose "Manuals"-> choose Declaration of Conformity (*Select Language when required).

QUICK REFERENCE

Entering text

Adding a space	Space bar
Entering/Exiting Insert mode	
Adding an uppercase letter	 or  + desired character
Adding a series of uppercase letters (entering Caps mode)	 → Type character
Adding a lowercase letter in Caps mode	 or  + desired character
Adding an accented character	<p> → Type character</p> <p>OR</p> <p> +  → Type letter (OR ) →  or  to select letter → Rotate  (OR  or ) to select → Press  (OR )</p> <p>OR</p> <p> or  + Type letter</p>
Adding a symbol	<p>Rotate  to select SYMBOL, then press  (OR just press ) →</p> <p>Rotate  (OR  or ) to select category → Rotate  (OR  or ) to select symbol → </p>
Adding a new line	
Adding a new block	 + 
Adding a barcode	Rotate  to select BARCODE , then press  (OR just press  + ) → Type barcode data → Press  (OR )
Adding a special character to the barcode	Rotate  to select BARCODE , then press  (OR just press  + ) →  →  or  to select special character → 
Changing a barcode parameter	Rotate  to select BARCODE , then press  (OR just press  + ) →  →  or  to select parameter → Rotate  (OR  or ) to select setting → Press  (OR )



Setting up the Euro conversion function	<p>Rotate Set to select CONVERSION SETUP, then press Set (OR just press Code + Shift Set up) → Rotate Set (OR ↑ Home or ↓ End) to select currency → Press Set (OR ← New Block) → Type in exchange rate → Press Set (OR ← New Block) → Rotate Set (OR ↑ Home or ↓ End) to select separator → Press Set (OR ← New Block) → Rotate Set (OR ↑ Home or ↓ End) to select printing order → Press Set (OR ← New Block)</p>
Converting euros to/ from other currencies	<p>Code + Conv. 8 7 € → Rotate Set (OR ← or →) to select conversion direction → Type in value to be converted → Press Set (OR ← New Block)</p>

Editing text

Deleting text	<p>Clear OR Delete</p>
Deleting one line of text	<p>Code + Delete</p>
Clearing all of the text and formats	<p>Code + Clear → ↑ Home or ↓ End to select TEXT & FORMAT → ← New Block</p>
Clearing only the text	<p>Code + Clear → ↑ Home or ↓ End to select TEXT ONLY → ← New Block</p>

Formatting text

Changing formats for entire text	<p>Rotate Set to select GLOBAL FORMAT, then press Set (OR just press Code + Global * 1 æ) → Rotate Set, then press Set (OR ← or →) to select function → Rotate Set, then press Set (OR ↑ Home or ↓ End) to select setting → Press Set (OR ← New Block)</p>
Changing formats for a block of text	<p>←, →, ↑ Home or ↓ End to select text block → Rotate Set to select BLOCK FORMAT, then press Set (OR just press Code + Block * 2 ø) → Rotate Set, then press Set (OR ← or →) to select function → Rotate Set, then press Set (OR ↑ Home or ↓ End) to select setting → Press Set (OR ← New Block)</p>
Changing formats for a line of text	<p>←, →, ↑ Home or ↓ End to select text line → Rotate Set to select LINE FORMAT, then press Set (OR just press Code + Line / 3 ä) → Rotate Set, then press Set (OR ← or →) to select function → Rotate Set, then press Set (OR ↑ Home or ↓ End) to select setting → Press Set (OR ← New Block)</p>
Changing the font	<p>Select GLOBAL FORMAT, BLOCK FORMAT or LINE FORMAT, then press Set (OR just press Code + Global * 1 æ, Block * 2 ø or Line / 3 ä) → Rotate Set, then press Set (OR ← or →) to select FONT → Rotate Set (OR ↑ Home or ↓ End) to select setting → Press Set (OR ← New Block)</p>



Changing the character size	Select GLOBAL FORMAT , BLOCK FORMAT or LINE FORMAT , then press Set (OR just press <code>Code</code> + $\begin{matrix} \text{Global} \\ * \\ 1 \\ \text{æ} \end{matrix}$ / $\begin{matrix} \text{Block} \\ 2 \\ \text{ø} \end{matrix}$ or $\begin{matrix} \text{Line} \\ / \\ 3 \\ \text{å} \end{matrix}$) → Rotate Set , then press Set (OR \leftarrow or \rightarrow) to select SIZE → Rotate Set (OR \uparrow Home or \downarrow End) to select setting → Press Set (OR \leftarrow New Block)
Changing the character width	Select GLOBAL FORMAT , BLOCK FORMAT or LINE FORMAT , then press Set (OR just press <code>Code</code> + $\begin{matrix} \text{Global} \\ * \\ 1 \\ \text{æ} \end{matrix}$ / $\begin{matrix} \text{Block} \\ 2 \\ \text{ø} \end{matrix}$ or $\begin{matrix} \text{Line} \\ / \\ 3 \\ \text{å} \end{matrix}$) → Rotate Set , then press Set (OR \leftarrow or \rightarrow) to select WIDTH → Rotate Set (OR \uparrow Home or \downarrow End) to select setting → Press Set (OR \leftarrow New Block)
Changing the character style	Select GLOBAL FORMAT , BLOCK FORMAT or LINE FORMAT , then press Set (OR just press <code>Code</code> + $\begin{matrix} \text{Global} \\ * \\ 1 \\ \text{æ} \end{matrix}$ / $\begin{matrix} \text{Block} \\ 2 \\ \text{ø} \end{matrix}$ or $\begin{matrix} \text{Line} \\ / \\ 3 \\ \text{å} \end{matrix}$) → Rotate Set , then press Set (OR \leftarrow or \rightarrow) to select STYLE1 or STYLE2 → Rotate Set (OR \uparrow Home or \downarrow End) to select setting → Press Set (OR \leftarrow New Block)
Changing the line effects	Select GLOBAL FORMAT , BLOCK FORMAT or LINE FORMAT , then press Set (OR just press <code>Code</code> + $\begin{matrix} \text{Global} \\ * \\ 1 \\ \text{æ} \end{matrix}$ / $\begin{matrix} \text{Block} \\ 2 \\ \text{ø} \end{matrix}$ or $\begin{matrix} \text{Line} \\ / \\ 3 \\ \text{å} \end{matrix}$) → Rotate Set , then press Set (OR \leftarrow or \rightarrow) to select LINE EFFECTS → Rotate Set (OR \uparrow Home or \downarrow End) to select setting → Press Set (OR \leftarrow New Block)
Changing the frame	Select GLOBAL FORMAT , BLOCK FORMAT or LINE FORMAT , then press Set (OR just press <code>Code</code> + $\begin{matrix} \text{Global} \\ * \\ 1 \\ \text{æ} \end{matrix}$ / $\begin{matrix} \text{Block} \\ 2 \\ \text{ø} \end{matrix}$ or $\begin{matrix} \text{Line} \\ / \\ 3 \\ \text{å} \end{matrix}$) → Rotate Set , then press Set (OR \leftarrow or \rightarrow) to select FRAME → Rotate Set (OR \uparrow Home or \downarrow End) to select setting → Press Set (OR \leftarrow New Block)
Changing the text alignment	Select GLOBAL FORMAT , BLOCK FORMAT or LINE FORMAT , then press Set (OR just press <code>Code</code> + $\begin{matrix} \text{Global} \\ * \\ 1 \\ \text{æ} \end{matrix}$ / $\begin{matrix} \text{Block} \\ 2 \\ \text{ø} \end{matrix}$ or $\begin{matrix} \text{Line} \\ / \\ 3 \\ \text{å} \end{matrix}$) → Rotate Set , then press Set (OR \leftarrow or \rightarrow) to select ALIGNMENT → Rotate Set (OR \uparrow Home or \downarrow End) to select setting → Press Set (OR \leftarrow New Block)
Changing the label margins	Select GLOBAL FORMAT , then press Set (OR just press <code>Code</code> + $\begin{matrix} \text{Global} \\ * \\ 1 \\ \text{æ} \end{matrix}$) → Rotate Set , then press Set (OR \leftarrow or \rightarrow) to select T. MARGIN → Rotate Set (OR \uparrow Home or \downarrow End) to select setting → Press Set (OR \leftarrow New Block)
Changing the label length	Select GLOBAL FORMAT , then press Set (OR just press <code>Code</code> + $\begin{matrix} \text{Global} \\ * \\ 1 \\ \text{æ} \end{matrix}$) → Rotate Set , then press Set (OR \leftarrow or \rightarrow) to select T. LENGTH → Rotate Set (OR \uparrow Home or \downarrow End) to select setting → Press Set (OR \leftarrow New Block)
Changing the block margins	Select GLOBAL FORMAT , then press Set (OR just press <code>Code</code> + $\begin{matrix} \text{Global} \\ * \\ 1 \\ \text{æ} \end{matrix}$) → Rotate Set , then press Set (OR \leftarrow or \rightarrow) to select B. MARGIN → Rotate Set (OR \uparrow Home or \downarrow End) to select setting → Press Set (OR \leftarrow New Block)



Changing the block length	Select GLOBAL FORMAT or BLOCK FORMAT , then press (OR just press + 1 or 2) → Rotate , then press (OR or) to select B. LENGTH → Rotate (OR or) to select setting → Press (OR)
Printing in reverse (mirror printing)	Rotate to select MIRROR , then press (OR just press +) → Rotate (OR or) to select setting → Press (OR)
Formatting text for a stamp	+ → Rotate (OR or) to select setting → Press (OR)
Rotating the text	Select GLOBAL FORMAT or BLOCK FORMAT , then press (OR just press + 1 or 2) → Rotate , then press (OR or) to select ROTATE → Rotate (OR or) to select setting → Press (OR)

Using an Auto format template

Creating a label or stamp from an Auto format template	Rotate to select AUTO FORMAT , then press (OR just press) + 6) → Rotate (OR or) to select template → Press (OR) → Type in each line of text, then press (OR) → Continue with ❶, ❷, ❸ or ❹
❶ Printing an Auto format template	Rotate (OR or) to select PRINT → Press (OR)
❷ Editing the Auto format template text	Rotate (OR or) to select CONTINUE → Press (OR) → Type in each line of text, then press (OR)
❸ Changing the style of the Auto format template	Rotate (OR or) to select CHANGE STYLE → Press (OR) → Rotate (OR or) to select format style → Press (OR)
❹ Quitting the Auto format function	Rotate (OR or) to select FINISH → Press (OR) → Press (OR)

Printing text

Previewing the label	Rotate to select LAYOUT PREVIEW , then press (OR just press + 9) (or to scroll)
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Changing how the labels are cut	Rotate to select AUTO CUT , then press (OR just press +) → Rotate (OR or) to select setting → Press (OR)
Printing using the current print options	
Feeding and cutting 24 mm of tape	
Printing many copies	Rotate to select REPEAT , then press (OR just press +) → Rotate (OR or) to select number (OR type number) → Press (OR)
Printing many copies while increasing selected text	Rotate to select NUMBER , then press (OR just press +) → , , or to select start of numbering field → Press (OR) → or to select end of numbering field → Press (OR) → Rotate (OR or) to select (or type) number → Press (OR)

Storing, recalling, deleting & printing text files

Saving a file	Rotate to select MEMORY , then press (OR just press +) → Rotate (OR or) to select STORE → Press (OR) → Rotate (OR or) to select file number → Type file name → Press (OR)
Recalling a previously saved file	Rotate to select MEMORY , then press (OR just press +) → Rotate (OR or) to select RECALL → Press (OR) → Rotate (OR or) to select file number → Press (OR)
Deleting a previously saved file	Rotate to select MEMORY , then press (OR just press +) → Rotate (OR or) to select CLEAR → Press (OR) → Rotate (OR or) to select file number → Space bar so ✓ appears → Press (OR) → Press (OR)
Printing a previously saved text file	Rotate to select MEMORY , then press (OR just press +) → Rotate (OR or) to select PRINT → Press (OR) → Rotate (OR or) to select file number → Space bar so ✓ appears → Press (OR)





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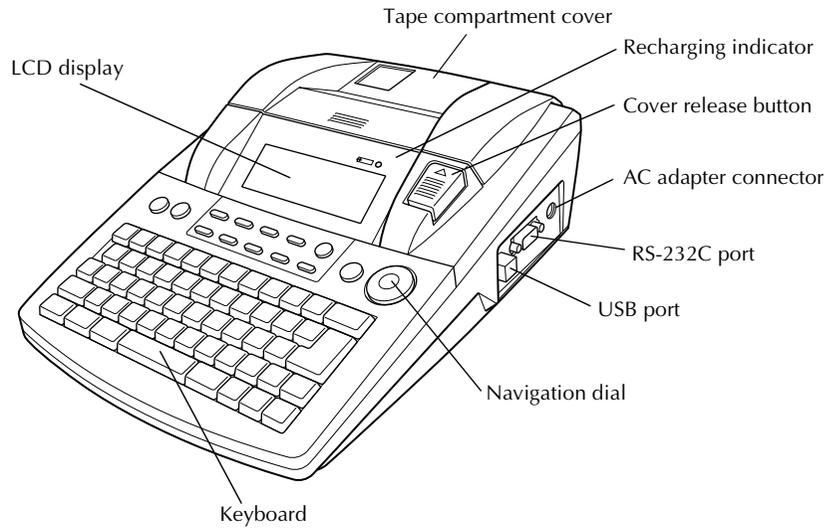
Before You Start

GENERAL DESCRIPTION

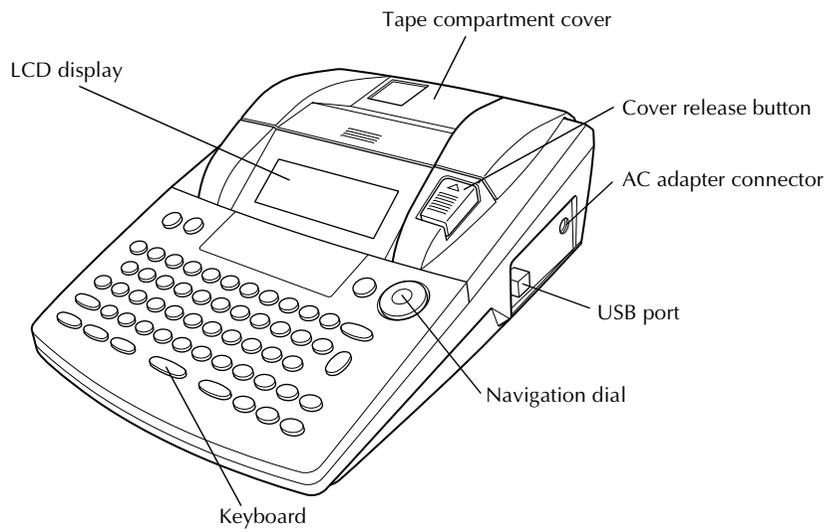
Before You Start

Top view

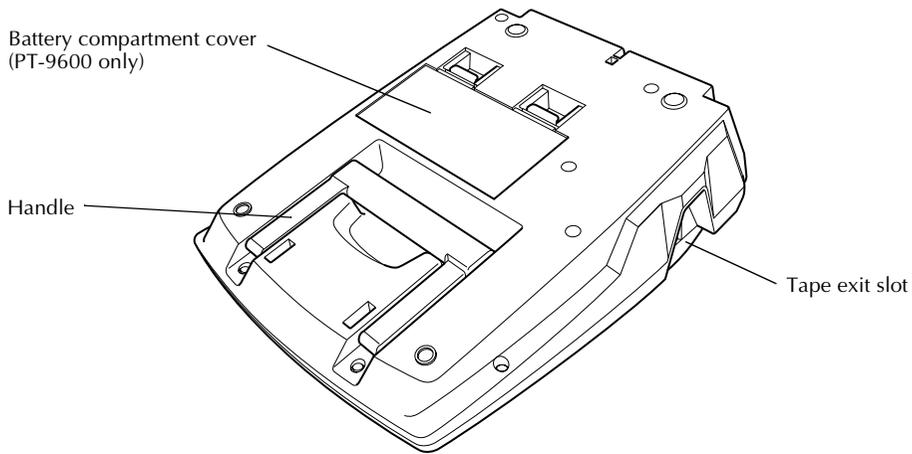
P-touch 9600:



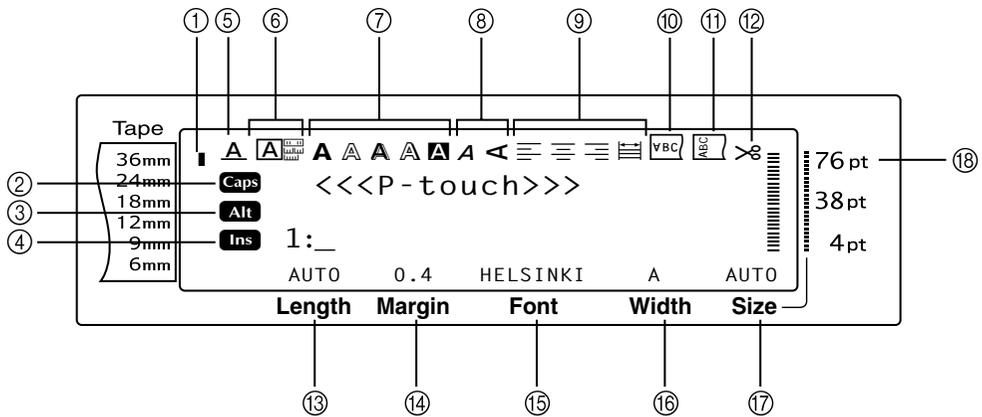
P-touch 3600:



Bottom view



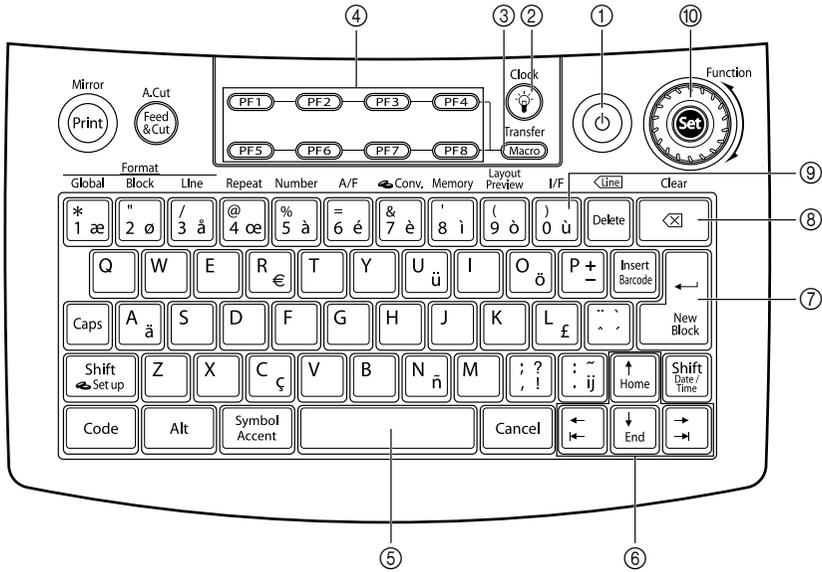
LCD display



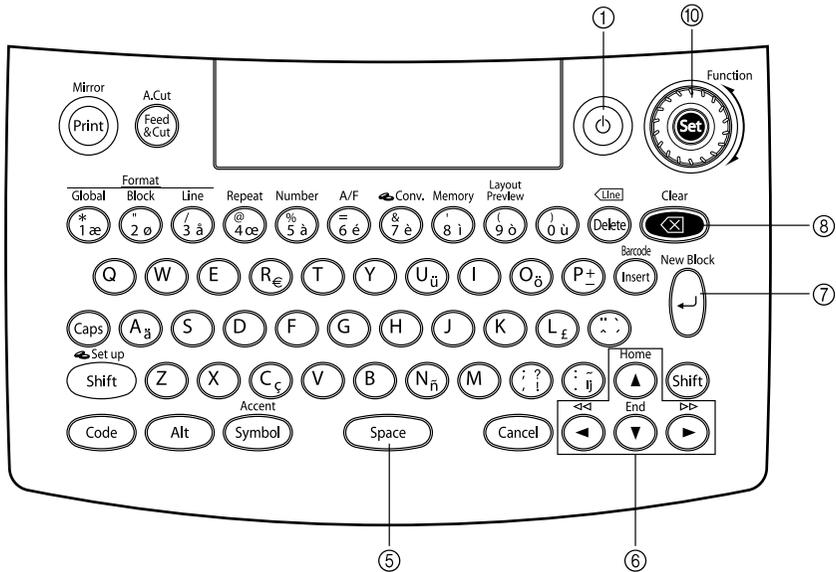
- | | |
|---|---|
| ① Tape width indicator ⇒ p. 10 | ⑩ Mirror printing setting indicator ⇒ p. 36 |
| ② Caps indicator ⇒ p. 16 | ⑪ Rotate setting indicator ⇒ p. 32 |
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Keyboard

P-touch 9600:



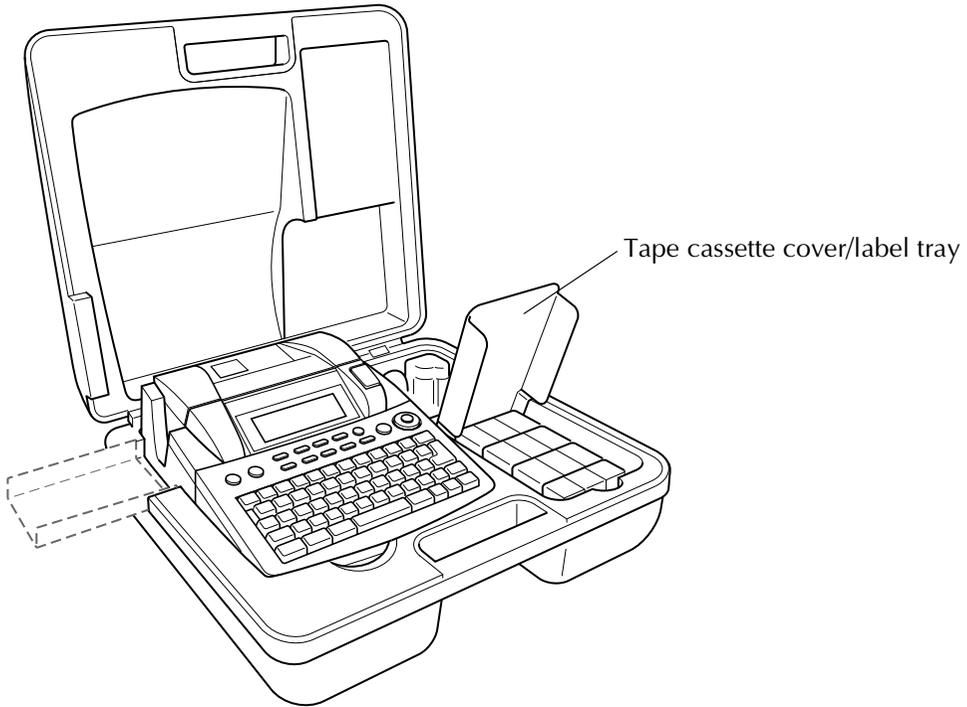
P-touch 3600:



- ① Power key ⇒ p. 9
- ② Screen backlight key (PT-9600 only)
⇒ Refer to the Advanced Functions booklet.
- ③ Macro key (PT-9600 only)
⇒ Refer to the Advanced Functions booklet.
- ④ PF keys (PT-9600 only)
⇒ Refer to the Advanced Functions booklet.
- ⑤ Space bar ⇒ p. 16
- ⑥ Arrow keys ⇒ p. 14
- ⑦ Return key ⇒ p. 15
- ⑧ Backspace key ⇒ p. 23
- ⑨ Interface key (PT-9600 only)
⇒ Refer to the Advanced Functions booklet.
- ⑩ Function dial/Set key ⇒ p. 15

Carrying case

The carrying case, which is included with the PT-9600 and available as an option for the PT-3600, is useful for storing and transporting the P-touch and its accessories. The cover attached inside the case at the right helps protect your tape cassettes from dust. In addition, if the cover is removed and attached to the left side of the carrying case, it can be used as a tray for collecting labels that are fed out.



Getting Started

PRECAUTIONS

- **Use Brother TZe tapes with this machine.**
- Do not pull on the tape being fed from the P-touch, otherwise the tape cassette may be damaged.
- Avoid using the machine in extremely dusty places. Keep it out of both direct sunlight and rain.
- Do not expose the machine to extremely high temperatures or high humidity. Never leave it on the dashboard or in the back of your car.
- Do not store tape cassettes where they would be exposed to direct sunlight, high humidity or dust.
- Do not leave any rubber or vinyl on the machine for an extended period of time, otherwise the machine may be stained.
- Do not clean the machine with alcohol or other organic solvents. Only use a soft, dry cloth.
- Do not put any foreign objects into or heavy objects on the machine.
- To avoid injuries, do not touch the cutter's edge.
- Use only the AC adapter designed exclusively for this machine. Use of any other adapter will void the warranty.
- Do not try to disassemble the AC adapter.
- When the machine is not to be used for a long period of time, disconnect the AC adapter, and (for the PT-9600 only) remove the rechargeable battery to prevent it from leaking and damaging the machine.
- Use only the Ni-MH rechargeable battery designed exclusively for this machine. (PT-9600 only)
- Never try to disassemble the P-touch.
- Use only the enclosed USB interface cable. Use of any other USB cable will void the warranty.

Connecting the AC adapter

This P-touch can be used anywhere a standard electrical outlet is available.

- 1 Insert the plug on the adapter cord into the AC adapter connector on the right side of the P-touch.
- 2 Insert the pronged plug on the other end of the adapter cord into the nearest standard electrical outlet.

NOTE

- ☞ Only use the AC adapter designed exclusively for this machine.
- ☞ If you do not intend to use this machine for an extended period of time, disconnect the AC adapter.

Turning on/off the P-touch

The power key (⏻) is located in the upper-right corner of the machine's keyboard. If the P-touch has remained plugged in, the previous session's text is displayed when you turn it on again. This feature allows you to stop work on a label, turn off the machine, and return to it later without having to re-enter the text.

If the PT-9600 is being operated from its rechargeable battery, the machine will automatically turn off if no key is pressed or no operation is performed for 5 minutes.

NOTE

- ☞ Do not unplug the AC adapter if the P-touch is plugged in and turned on, otherwise the data being edited will be erased. Be sure to turn off the P-touch before unplugging the AC adapter.
- ☞ If the P-touch is connected to a computer through a USB interface cable, the P-touch will automatically turn off if no key is pressed or no operation is performed for 30 minutes.
- ☞ If the PT-9600 is connected to a computer through a serial (RS-232C) interface cable or is printing data from the computer, it will not automatically turn off.
- ☞ If the P-touch is connected to a computer through a USB interface cable and is printing data from the computer, the P-touch will not automatically turn off.

- Press (⏻) to turn on or turn off the P-touch.

Installing/replacing a tape cassette

Tape cassettes are available for this machine in a wide variety of types, colours and sizes, enabling you to make distinctive colour-coded and stylised labels. In addition, this machine has been designed to allow you to change the tape cassette quickly and easily.

- 1 Press the cover release button, and then lift open the tape compartment cover.

P-touch 9600:



P-touch 3600:



- 2 If a tape cassette is already installed and you wish to replace it, remove it by pulling it straight up.
- 3 If the ink ribbon is loose in the tape cassette to be installed, use your finger to wind the toothed wheel in the direction of the arrow on the cassette until there is no slack in the ribbon. Also, make sure that the end of the tape feeds under the tape guides.

NOTE

If you are using a new tape cassette provided with a stopper, be sure to remove the stopper.

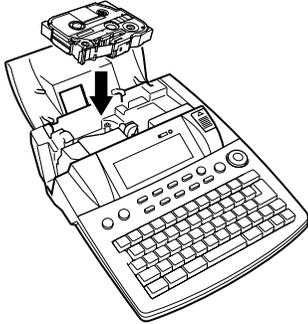
Ch. 2 Getting Started

- 4 Insert the tape cassette firmly into the tape compartment, making sure that the entire back of the cassette touches the bottom of the compartment.

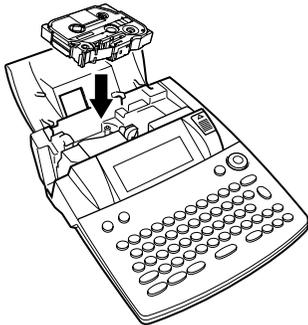
NOTE

When inserting the tape cassette, make sure that the inner ribbon does not catch on the corner of the metal guide.

P-touch 9600:



P-touch 3600:



- 5 Close the compartment cover, and then press  to turn on the machine, if it is off. The width of the currently installed tape is shown by the tape width indicator on the left edge of the display.



- 6 Press  once to remove any slack in the tape and cut off the excess.

Connecting the P-touch to a computer

This machine is equipped with a USB port, allowing you to use a USB cable to connect the P-touch to a computer running Windows® or Mac OS, and print labels created using the P-touch Editor software.

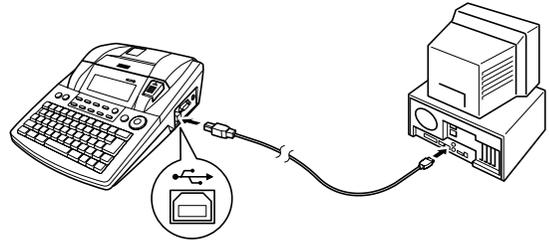
NOTE

Do not connect the P-touch to the computer before installing the P-touch Editor software, otherwise it may not be installed correctly.

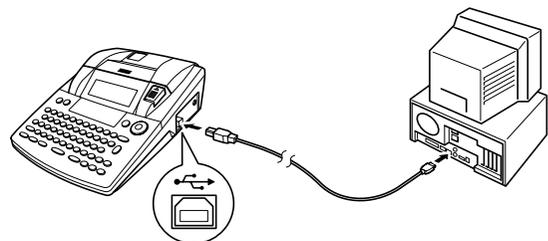
To connect a computer to the P-touch through the USB port:

- 1 Insert the flat (A) connector on the USB cable into the USB port on the computer.
- 2 Insert the square (B) connector on the USB cable into the USB port on the right side of the P-touch.
- 3 Turn on the P-touch.

P-touch 9600:



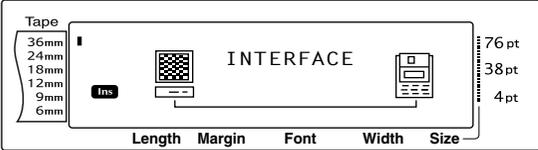
P-touch 3600:



After the P-touch is connected to a computer using a USB cable, the P-touch enters Interface mode when data is sent to it from the computer.

NOTE

- To exit Interface mode for a USB connection and return to the text, press any key.
- The P-touch cannot enter Interface mode for a USB connection while it is printing, feeding tape or in Interface mode for an RS-232C connection (PT-9600 only) or while a macro is being assigned to a PF key (PT-9600 only).



Installing the Software & Printer Driver

You will need to install the printer driver to use your printer with your computer. You will also need to install P-touch Editor label design software. For details on installing this software, refer to "Software Installation Guide".

Creating labels with P-touch Editor

After setting up your printer you can start creating labels.

For details on how to design and create labels, refer to the "Software User's Guide" (PDF). For detailed feature explanations, you may also reference the P-touch Editor Help menu found in the software.

Getting Started

Functions

Performing basic operations

The following keys are necessary for using the many functions.

Arrow keys

The machine's LCD display can show three rows of 19 characters; however, the text that you create can be up to 1000 characters long. You can review and edit your text by using the four arrow keys (, ,  and ) to move the cursor so that different parts of the text are shown in the display.

The arrow keys can also be used to select the various functions and settings.

(left arrow key)

To move the cursor one character to the left:

- Press  once.

NOTE

If this key is pressed when the cursor is at the beginning of a line following another line, the cursor moves to the end of the previous line.

To move the cursor several characters to the left:

- Hold down  until the cursor moves to the desired position.

To move the cursor to the beginning of the current line of text:

- Hold down  and press .

To move the cursor to the beginning of the current text block:

- Hold down  and press .

NOTE

If the cursor is already at the beginning of a text block when these keys are pressed, the cursor moves to the beginning of the previous block.

(right arrow key)

To move the cursor one character to the right:

- Press  once.

NOTE

If this key is pressed when the cursor is at the end of a line followed by another line, the cursor moves to the beginning of the next line.

To move the cursor several characters to the right:

- Hold down  until the cursor moves to the desired position.

To move the cursor to the end of the current line of text:

- Hold down  and press .

To move the cursor to the beginning of the next text block:

- Hold down  and press .

NOTE

If the cursor is already at the beginning of the last text block when these keys are pressed, the cursor moves to the end of the text.

(up arrow key)

To move the cursor up to the previous line:

- Press  once.

NOTE

If this key is pressed when the cursor is in the first line of text, the cursor moves to the beginning of the line.

To move the cursor up several lines:

- Hold down  until the cursor moves to the desired position.

To move the cursor to the beginning of the entire text:

- Hold down  and press .

(down arrow key)

To move the cursor down to the following line:

- Press  once.

NOTE

If this key is pressed when the cursor is in the last line of text, the cursor moves to the end of the line.

To move the cursor down several lines:

- Hold down  until the cursor moves to the desired position.

To move the cursor to the end of the entire text:

- Hold down  and press .

Function dial/Set key ()

The navigation dial in the upper-right corner of the keyboard provides a quick way to access many of the P-touch functions and to select from the various settings. Refer to the description of each function for a detailed explanation on how to use the navigation dial.

To select a function or setting:

- Rotate  either clockwise or counterclockwise until the desired function or setting is displayed.

NOTE

To return to the text without making a selection, press .

To apply the selection:

- Press .

Code key ()

To use a function printed in color above or on a key:

- Hold down  and press the key for the desired function.

Return key ()

The return key can be used to select an item from a list, (for example, when adding a symbol or accented character to the text) or to apply a selected setting.

Some questions asking you to confirm a command may appear on the LCD display, especially when the function that you have chosen will delete or affect files. In these cases, press  is like answering “yes”.

NOTE

To answer “no”, press . Refer to *Cancel key* below.

To select an item from a list or to apply the selected setting:

- Press .

Cancel key ()

The Cancel key can be used to quit most functions and return to the previous display without changing the text.

Some questions asking you to confirm a command may appear on the LCD display, especially when the function that you have chosen will delete or affect files. In these cases, pressing  is like answering “no”.

NOTE

To answer “yes”, press . Refer to *Return key* above.

To quit a function without applying any changes that you may have made:

- Press .

Entering text

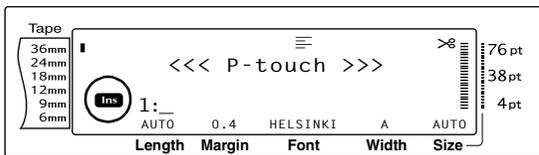
Typing in the text for your labels is almost the same as typing on a typewriter or a computer.

Insert key (Insert Barcode)

Normally, text is entered with the Insert mode, in other words, the text that you type is inserted into any existing text at the cursor's position. However, by exiting Insert mode, the text that you type replaces any existing text at the cursor's position. When the P-touch is in Insert mode, the **Ins** indicator on the left side of the display comes on.

To enter Insert mode:

- Press **Insert Barcode**. The **Ins** indicator comes on.



To exit Insert mode:

- Press **Insert Barcode**. The **Ins** indicator goes off.

Space bar

The space bar lets you add blank spaces between characters in your text. It is different from the right arrow key (→), which just moves the cursor without adding blank spaces.

To add a blank space to the text:

- Press the space bar.

Shift key (Shift Set up or Shift Date/Time)

Lowercase letters can be entered simply by pressing their keys. However, like on a typewriter or a computer, to enter uppercase letters or the symbols in the top half of certain keys, the Shift key should be pressed.

NOTE

If the P-touch is in Caps mode, holding down **Shift Set up** or **Shift Date/Time** while pressing a letter key will enter a lowercase letter.

To type a capital letter or a symbol printed on the top half of certain keys:

- Hold down **Shift Set up** or **Shift Date/Time** and press the key of the desired letter or symbol.

Caps key (Caps)

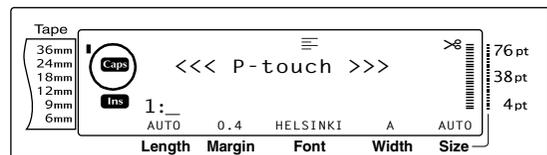
Caps mode allows you to type uppercase letters continuously without holding down **Shift Set up** or **Shift Date/Time**. Enter or exit Caps mode by pressing **Caps**. When the P-touch is in Caps mode, the **Caps** indicator on the left side of the display comes on.

NOTE

- When a number key is pressed while the P-touch is in Caps mode, the number—not the symbol above it—is typed in, unless **Shift Set up** or **Shift Date/Time** is held down.
- To type lowercase letters while the P-touch is in Caps mode, hold down **Shift Set up** or **Shift Date/Time** while pressing the key of the desired character.

To type in many uppercase letters:

- 1 Press **Caps**. The **Caps** indicator comes on.



- 2 Press the keys for the desired letters or symbols.

NOTE

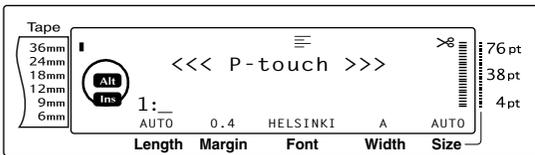
To exit Caps mode at any time, press **Caps**. The **Caps** indicator goes off.

Alt mode ()

Accented characters or special punctuation marks on the right-hand side of the keys can be added to the text using the Alt mode. Enter or exit Alt mode by pressing . When the P-touch is in Alt mode, the **Alt** indicator on the left side of the display comes on.

To add an accented character or a special punctuation mark written in colour to the text:

- 1 Press . The **Alt** indicator comes on.



- 2 To type in a character written in the lower-right corner of the key, press the key of the desired character.
To type in a character in the upper-right corner of the key, hold down  or  (OR press  to enter Caps mode) and press the key of the desired character.

NOTE

- ☞ If the P-touch is in Caps mode, holding down  or  while pressing a letter key will enter a lowercase letter.
- ☞ To exit Alt mode at any time, press . The **Alt** indicator goes off.

Return key ()

Like on a typewriter or word processor, this machine's return key () is used to end a line of text and start another one. When you have finished entering one line, press the return key to make a new line and move the cursor to it.

NOTE

A single block of text can only contain a maximum of 16 text lines. If the maximum number of text lines has already been entered when  is pressed, the error message "16 LINE LIMIT" will appear.

The number of text lines that can be printed depends on the width of the tape.

Tape width	Maximum number of lines that can be printed
6 mm	3
9 mm	4
12 mm	6
18 mm	10
24 mm	13
36 mm	16
Stamp 18 mm	6
Stamp 24 mm	10

To create a new line:

- Press . The return mark (↵) appears at the end of the line.

New Block function (+)

In order for one section of the text to have a different number of lines than other sections of the text or in order to apply a different format to a section of the text (Refer to *Block format functions* on page 25.), a new text block must be created using the New Block function.

NOTE

- ☞ A single label can only contain a maximum of fifty text blocks. If the max number of lines/per label have already been entered (50) and you press  (OR hold down  and press ) , the error message "50 LINE LIMIT REACHED!" will appear.
- ☞ To split a text block into two, position the cursor under the character that you want to start the next block, and then hold down  and press .

To create a new block:

- Hold down  and press . The new block mark (▣) appears at the end of the block.

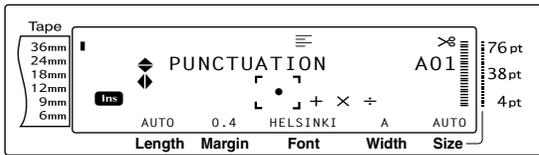
Symbol key ()

In addition to the letters, symbols and numerals on the key tops, there are over 440 additional symbols and pictures available with the Symbol function. After these symbols or pictures are added to the text, they can be deleted like any other character, and some can be formatted using certain text formatting functions (see pages 26 through 32).

A table of the available symbols can be found on pages 66 through 69.

To add a symbol or picture to the text:

- 1 Rotate  until **SYMBOL** is displayed, and then press  (OR press ). A row of symbols appears in the display.



NOTE

To return to the text at any time, press  (OR press ).

- 2 Rotate  (OR press  or ) to select the desired category of symbols, and then press  or  until the desired symbol is displayed enlarged within the frame in the middle of the display.
- 3 Press  (OR press ). The symbol is added to the text.

NOTE

To type in a series of symbols, hold down  before pressing  (OR ). Then, continue adding symbols by selecting them as explained in step 2, and holding down  while pressing  (OR ). Press just  (OR ) after selecting the last symbol in the series.

A symbol can also be selected by typing in the corresponding code indicated in the table of available symbols. For example, pressing  displays the **GARDENING** category, and then pressing    displays the third symbol of the **GARDENING** category.

Accent function (+)

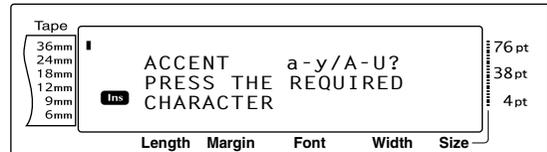
The Accent function can be used to add accented characters to your text. Many of these characters can also be found on the keys and typed in using  (refer to page 17), or they can be entered using the composite character keys (refer to page 19).

The accented characters are grouped according to the uppercase or lowercase letter that they are combined with. The following table shows the available characters.

Letter	Accented characters	Letter	Accented characters
a	ä á à â ã ä æ	A	Ä Á À Â Ã Ä Å Æ
c	ç	C	Ç
e	ë é è ê	E	Ë É Ê Ë
i	ï í î ï	I	Ï Í Î Ï
n	ñ	N	Ñ
o	ö ó ò ô õ ø œ	O	Ö Ó Ò Ô Õ Ø Œ
u	ü ú û ü	U	Ü Ú Û Ü
y	ÿ		

To add an accented character to the text:

- 1 Rotate  until **ACCENT** is displayed, and then press  (OR hold down  and press ). The message "ACCENT a-y/A-U? PRESS THE REQUIRED CHARACTER" appears on the display.



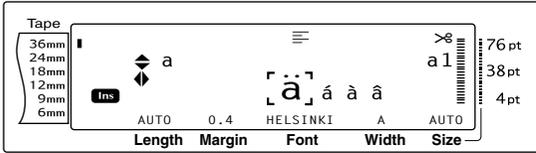
NOTE

To return to the text at any time, press  (OR hold down  and press ).

- 2 Rotate  (OR press the key of the letter in the desired accented character). OR press  .

NOTE

To type an uppercase accented character, hold down   (OR press  to enter Caps mode) before pressing the letter key.



- Press **Home** or **End** to select the desired letter in the accented character, and then press **Left** or **Right** until the desired accented character is displayed enlarged within the frame in the middle of the display.
- Press **Set** (OR press **New Block**). The accented character is added to the text.

NOTE

To type in a series of accented characters, hold down **Code** before pressing **Set** (OR **New Block**). Then, continue adding accented characters by selecting them as explained in step 2, and holding down **Code** while pressing **Set** (OR **New Block**). Press just **Set** (OR **New Block**) after selecting the last accented character in the series.

Composite character keys



This machine can display and print composite characters, which consist of a letter and a diacritical mark. The diacritical marks available are $\hat{\ } , \ddot{\ } , \acute{\ } , \grave{\ } , \tilde{\ } , \text{and } \sim$.

Several composite characters can be found on the key tops. Characters such as \ddot{u} , \acute{c} , and \tilde{n} can be entered using **Alt**. Before inputting a composite character as described below, check whether it is already available as a keytop character.

The following diacritical mark and letter combinations are available:

Diacritical mark	Letters that can be combined
$\hat{\ }$	a e i o u A E I O U
$\ddot{\ }$	a e i o u y A E I O U
$\acute{\ }$	a e i o u A E I O U
$\grave{\ }$	a e i o u A E I O U
$\tilde{\ }$	a n o A N O

To type in a composite character:

- To type in a diacritical mark written in colour on the key, press **Alt** once. The **Alt** indicator comes on. To type in a diacritical mark written in the top half of the key, hold down **Shift**.
- Press the key ($\hat{\ } , \acute{\ } , \grave{\ } , \tilde{\ } , \text{or } \sim$) of the desired diacritical mark. The diacritical mark is added to the text.
- Press the key of the letter that you wish to combine with the diacritical mark. The letter is combined with the diacritical mark and added to the text.

NOTE

If the letter of the key that you pressed cannot be combined with the diacritical mark (see the above table), only the letter is added to the text.

Barcode key (**Code** + **Insert Barcode**)

The Barcode function, which enables barcodes to be printed as part of labels, is one of this machine's most advanced features.



NOTE

- This section will explain how to enter a barcode into your text. It is not intended as a comprehensive introduction to the concept of barcoding. For more detailed information, please consult one of the many reference books available.
- Since this machine is not specifically designed for special barcode label-making, some barcode readers may not be able to read the labels.
- Barcodes should be printed on white labels with black ink.

The various barcode parameters enable you to create more customised barcodes.

Parameter	Settings
TYPE	CODE 39, I-2/5, EAN13, EAN8, UPC-A, UPC-E, CODABAR, EAN128, CODE128
WIDTH (bar width)	LARGE, MEDIUM, SMALL, EXTRA SMALL

Parameter	Settings
UNDER# (numbers printed below barcode)	ON, OFF
CHECK DIGIT	OFF, ON

The default settings are **CODE 39 TYPE**, **MEDIUM WIDTH**, **UNDER#** set to **ON**, and **CHECK DIGIT** set to **OFF**.

NOTE

- It is recommended that barcodes be printed with the barcode **WIDTH** parameter set to at least **SMALL**, otherwise barcodes may be difficult to read.
- The **CHECK DIGIT** parameter is only available with the **CODE 39**, **I-2/5** and **CODABAR** types.

To enter the barcode data:

- Rotate **Set** until **BARCODE** is displayed, and then press **Set** (OR hold down **Code** and press **Insert Barcode**).

NOTE

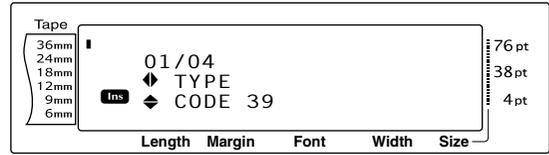
- To change the data or parameters of a barcode that has already been added to the text, position the cursor below the right half of the barcode mark (||||) before rotating **Set** to select **BARCODE** and pressing **Set** (OR holding down **Code** and pressing **Insert Barcode**).
- To quit the Barcode function without adding a barcode, press **Cancel** at any time (OR hold down **Code** and press **Insert Barcode**).



- Type in the new barcode data or edit the old data.

To change the barcode parameter settings:

- Press **Home**.



- Press **Left Arrow** or **Right Arrow** until the parameter that you want to change is displayed.

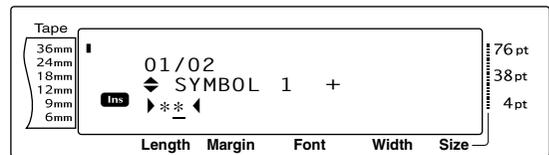
NOTE

- To select the default setting, press the space bar.
- To return to the barcode data without changing any parameters, press **Cancel** (OR hold down **Code** and press **Insert Barcode**).

- Rotate **Set** (OR press **Home** or **End**) until the desired setting is displayed.
- Repeat steps 4 and 5 until all parameters are set as you wish.
- Press **Set** (OR press **New Block**).

To add special characters to barcodes (only with types CODE39, CODABAR, EAN128 or CODE128):

- Press **Left Arrow** or **Right Arrow** until the cursor is below the character immediately to the right of where you want to add the special character.
- Press **Symbol Accent**.



- Rotate **Set** (OR press **Home** or **End**) until the special character that you want to add is displayed.

NOTE

Refer to page 69 for tables of the special characters that are available.

- Press **Set** (OR press **New Block**). The selected special character is added to the barcode data.

NOTE

To quit the Barcode function without adding a barcode, press **Cancel** at any time (OR hold down **Code** and press **Insert Barcode**).

To add the barcode to the text:

- 12 Press **Set** (OR press **New Block**).

NOTE

To delete a barcode, move the cursor either immediately after the barcode mark (||||) or below the right half of the mark and press **Clear** (OR move the cursor below either half of the barcode mark (||||) and press **Delete**). When the message "OK TO CLEAR? ||||" appears, press **New Block**. To return to the text without deleting the barcode, press **Cancel**.

Euro conversion function

(**Code** + **Shift Set up**)

With the easy-to-use Euro conversion function, euros are automatically converted to or from any currency that you select, and the two prices are added to your text. Simply set up the function by selecting which currency you wish to convert and how you want the prices to appear, and then you can quickly create labels containing prices in both euros and one other currency.

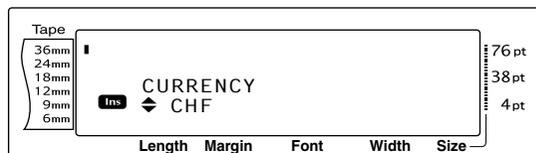
PRINTER
€ 120.50
JP¥ 14,809.45

To set up the Euro conversion function:

- 1 Rotate **Set** until **CONVERSION SETUP** is displayed, and then press **Set** (OR hold down **Code** and press **Shift Set up** once). The CURRENCY screen appears with the currently selected setting.

NOTE

To return to the text without changing any settings for the Euro conversion function, press **Cancel** (OR hold down **Code** and press **Shift Set up**).

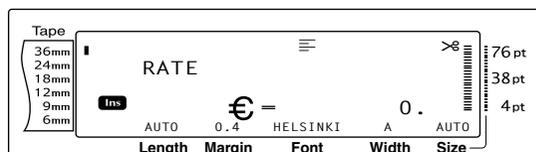


- 2 Rotate **Set** (OR press **Home** or **End**) until the setting for the desired currency is displayed.

NOTE

The following currency settings are available: **CHF** (Swiss franc), **DKK** (Danish krone), **GBP** (British pound), **NOK** (Norwegian krone), **SEK** (Swedish krona), **AUD** (Australian dollar), **CAD** (Canadian dollar), **HKD** (Hong Kong dollar), **USD** (US dollar), **JPY** (Japanese yen), **ANY1** (in the format X.XXX,XX), **ANY2** (in the format X,XXX.XX)

- 3 Press **Set** (OR press **New Block**). The RATE screen appears.

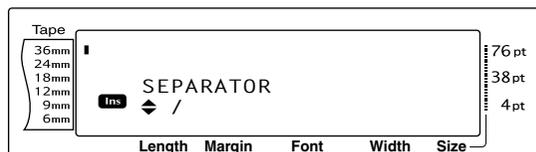


- 4 Type in the exchange rate for converting a euro into the desired currency.

NOTE

- ☞ A number with a maximum of 9 digits (excluding the decimal point) can be entered.
- ☞ Pressing either **:?** or **:ij** inserts the decimal point into the number.
- ☞ If you make a mistake while typing in the exchange rate, press **Clear** (OR press **Delete**).

- 5 Press **Set** (OR press **New Block**). The SEPARATOR screen appears with the currently selected setting.



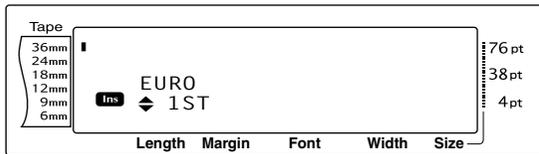
Ch. 3 Functions

- 6 Rotate **Set** (OR press **Home** or **End**) until the setting for the desired separator is displayed.

NOTE

The following separator settings are available:
/ (slash), **SPACE**, ↵ (return).

- 7 Press **Set** (OR press **New Block**). The EURO screen appears with the currently selected setting.



- 8 Rotate **Set** (OR press **Home** or **End**) until the desired setting for the printing order of the euro price is displayed.

NOTE

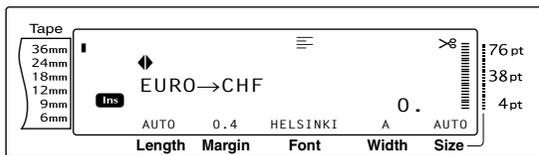
The following settings for printing the euro price are available:

1ST (The euro price is printed before the price in the other currency.), **2ND** (The euro price is printed after the price in the other currency.)

- 9 Press **Set** (OR press **New Block**).

To convert a currency to or from euros and add the two values to the text:

- 1 Hold down **Code** and press **Conv** once. The current currency conversion setup appears.



- 2 Rotate **Set** (OR press **Left** or **Right**) until the arrow points in the desired conversion direction.
- 3 Type in the value that you wish to convert.

NOTE

A number with a maximum of 9 digits (excluding the decimal point and limited to 2 decimal digits) can be entered. Pressing either **?** or **ij** inserts the decimal point into the number.

- 4 Press **Set** (OR **New Block**). The value is converted and values in both currencies are added to the text at the cursor's current position.

NOTE

The currency values are added to the text in the formats shown below.

Currency	Format	Euro format
CHF	X'XXX.XX SwF	X'XXX.XX €
DKK	DKK X.XXX,XX	€ X.XXX,XX
GBP	£X,XXX.XX	€ X,XXX.XX
NOK	Nkr X.XXX,XX	€ X.XXX,XX
SEK	SEK X.XXX,XX	€ X.XXX,XX
AUD	A\$ X,XXX.XX	€ X,XXX.XX
CAD	CA\$ X,XXX.XX	€ X,XXX.XX
HKD	HK\$ X,XXX.XX	€ X,XXX.XX
USD	US\$ X,XXX.XX	€ X,XXX.XX
JPY	JP¥ X,XXX.XX	€ X,XXX.XX
ANY1	X.XXX,XX	€ X.XXX,XX
ANY2	X,XXX.XX	€ X,XXX.XX

Editing text

Backspace key ()

The backspace key () allows you to remove characters to the left of the cursor's current position. It differs from the left cursor key (), which only moves the cursor without deleting any characters.

NOTE

If the cursor is at the beginning of a line or a block when  is pressed, the current text line or block is joined with the previous one.

To remove one character:

- 1 Press , ,  or  to position the cursor below the character immediately to the right of the character that you wish to delete.
- 2 Press  once.

NOTE

Each time  is pressed, one character is deleted.

To delete a sequence of characters:

- 1 Press , ,  or  to position the cursor below the character immediately to the right of the character that you wish to delete.
- 2 Hold down  until all of the characters that you wish to delete are removed.

Delete key ()

The Delete key () allows you to remove the character above the cursor. After the character is deleted, the remaining text to the right moves one place to the left. Each time  is pressed, one character is deleted.

To remove one character:

- 1 Press , ,  or  to position the cursor below the character that you wish to delete.
- 2 Press  once.

To delete a sequence of characters:

- 1 Press , ,  or  to position the cursor below the character that you wish to delete.
- 2 Hold down  until all of the characters that you wish to delete are removed.

Line out function (+)

With the Line out function, you can easily remove an entire line of text.

To delete a line of text:

- 1 Press , ,  or  to position the cursor within the line of text that you wish to delete.
- 2 Hold down  and press  once.

NOTE

Each time  is pressed while  is held down, one line of text is deleted.

Clear function (+)

When clearing the display before entering new text, the Clear function can be used to choose whether all of the text is erased and all formatting functions (Font, Size, Width, Style1, Style2, Line effects, Frame, Alignment, Text rotation, Tape margin, Tape length, Block margin, Block length and Mirror printing) are returned to their default settings, or whether just the text is erased.

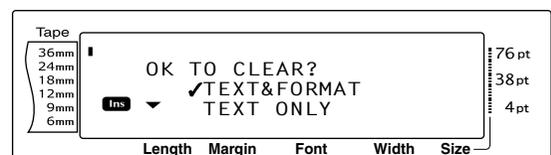
To erase all of the text and formats:

- 1 Hold down  and press .

NOTE

To return to the text without erasing anything, press

 (OR hold down  and press ).



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- Since ✓ is already beside **TEXT&FORMAT**, press . All of the text is erased and all of the formatting functions are reset to their default settings.

To erase only the text:

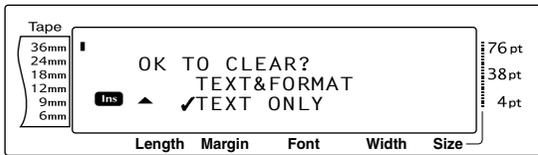
- Hold down  and press .

NOTE

To return to the text without erasing anything, press

 (OR hold down  and press ).

- Press  or  to move ✓ beside **TEXT ONLY**.



- Press . The text is erased, but the formatting functions remain unchanged.

Formatting

A variety of formatting functions are available for making more decorative and customised labels.

The appearance of characters can be changed using the text formatting functions Font, Size, Width, Style1, Style2, Line effects, Frame, Alignment and Text rotation. Most text formats can be applied to a single text line, a single text block or all of the text. However, the Text rotation function can only be applied to single text blocks or the entire text. When the text format for a line is changed and text is added to the line, the format remains applied until it is changed again.

The label formatting functions (Tape margin, Tape length, Block margin, Block length and Mirror printing) specify the general appearance of the label. The label formatting functions will be applied to the entire text. In addition, the Block length function can be applied to single blocks.

Global format functions

( + )

With the Global format functions, you change the appearance of the entire text by printing it with various settings applied: Font, Size, Width, Style1, Style2, Line effects (underline/strikeout), Frame, Text alignment or Text rotation. In addition, the appearance of the whole label can be adjusted by changing the Tape margin, Tape length, Block margin and Block length settings.

To change the Global format functions:

- Rotate  until **GLOBAL FORMAT** is displayed, and then press  (OR hold down  and press .
- Select **FONT, SIZE, WIDTH, STYLE1, STYLE2, LINE EFFECTS, FRAME, ALIGNMENT, T. MARGIN, T. LENGTH, B. MARGIN, B. LENGTH** or **ROTATE** and the desired setting as described on pages 26 to 35. The selected setting will be applied to the entire text.

NOTE

To return to the text without changing the formatting, press (OR hold down and press).

Block format functions

(+)

Formatting with the Block format functions enables you to change the appearance of each of the label's text blocks, created using the New Block function. The following label shows how these functions can be used together.



The multiple blocks in this label were created using the New Block function with the first block of this text containing a single line, the second containing two lines, and the third, one line. Then, different settings were applied to each block separately, using the Block format functions (Font, Size, Width, Style1, Style2, Line effects (underline/strikeout), Frame, Text alignment, Text rotation and Block length).

NOTE

Only the square frame (1) and rounded frame (2) settings can be selected for the Frame function in block formatting. (For samples of the frames, refer to page 74.)

To change the Block format functions:

- 1 Press , , or to position the cursor in the block that will be given a different format.
- 2 Rotate until **BLOCK FORMAT** is displayed, and then press (OR hold down and press).
- 3 Select **FONT**, **SIZE**, **WIDTH**, **STYLE1**, **STYLE2**, **LINE EFFECTS**, **FRAME**, **ALIGNMENT**, **B. LENGTH** or **ROTATE** and the desired setting as described on pages 26 to 33. The selected setting will only be applied to the text block that the cursor is positioned in.

NOTE

To return to the text without changing the formatting, press (OR hold down and press).

Line format functions

(+)

The Line format functions allow you to emphasize a single line of the text by printing it with a Font, Size, Width, Style1, Style2, Line effects (underline/strikeout), Frame or Text alignment setting that is different from the rest of the text.

NOTE

Only the square frame setting (1) can be selected for the Frame function in line formatting. (For a sample of the frame, refer to page 74.)

Robert Becker

ABCImport/Export

Division II

To change the Line format functions:

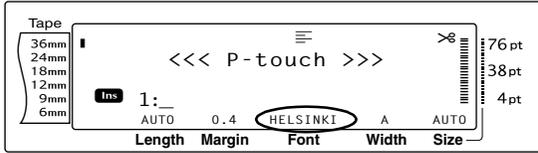
- 1 Press , , or to position the cursor in the line that will be given a different format.
- 2 Rotate until **LINE FORMAT** is displayed, and then press (OR hold down and press).
- 3 Select **FONT**, **SIZE**, **WIDTH**, **STYLE1**, **STYLE2**, **LINE EFFECTS**, **FRAME** or **ALIGNMENT** and the desired setting as described on pages 26 to 32. The selected setting will only be applied to the text line that the cursor is positioned in.

NOTE

To return to the text without changing the formatting, press (OR hold down and press).

Font function (FONT)

With the Font function, you can change the font of the text to one of the many that are available. For samples of the available Font settings, refer to page 69. The font of the text at the cursor's current position is shown at the bottom of the display.



NOTE

Letter Gothic (**L. GOTHIC**) is a fixed pitch font (all characters use a fixed amount of space), as opposed to all of the other fonts, which are proportional (characters use different amounts of space).

To change the setting for the Font function:

- 1 Select **GLOBAL FORMAT**, **BLOCK FORMAT** or **LINE FORMAT** (OR hold down **Code** and press **1** **ae**, **2** **o** or **3** **a**) as described on pages 24 to 25.

NOTE

This step may be skipped if settings for several format functions are being applied at the same time.

- 2 Rotate **Set** until **FONT** is displayed, and then press **Set** (OR press **←** or **→** until **FONT** is displayed). The setting for the text at the cursor's current position is shown on the left side of the display and a sample can be seen on the right side.



- 3 Rotate **Set** (OR press **↑** Home or **↓** End) until the desired setting is displayed.

NOTE

If "*****" appears as a setting, the Font function has already been applied to part of the current text (either a line in the current block if the Block format or the Global format function is being set or a block in the text if the Global format function is being set). Changing the setting will cancel the setting that was previously applied.

To return the function to its default setting (**HELSINKI**), press the space bar.

To return to the text without changing the formatting, press **Cancel** (OR hold down **Code** and press **1** **ae**, **2** **o** or **3** **a**).

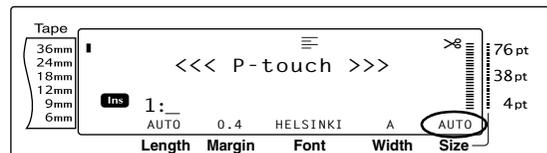
- 4 Press **Set** (OR press **↵** New Block) to apply the setting.

NOTE

If **Set** is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press **←** or **→** to select the function, and then press **↑** Home or **↓** End to select the desired setting. Press **↵** New Block only after the necessary functions have been set.

Size function (SIZE)

The character size can be adjusted using the Size function. With the **AUTO** setting, the machine compares your text with the width of the installed tape and automatically adjusts the characters to the largest possible size. For samples of the available Size settings, refer to page 70. The size of the text at the cursor's current position is shown in the lower-right corner of the display and with the indicator on the right side of the display.



NOTE

Since the text sizes that can be printed depends on the width of the tape, the following table shows the maximum text size that can be used with each tape width.
The following text sizes do not apply to text with a Text rotation setting applied.

Tape width	Maximum text size (in points)
6 mm	12
9 mm	20
12 mm	28
18 mm	40
24 mm	64
36 mm	76

With the **AUTO** setting selected and the text in a block consisting of just one line of only uppercase letters (and no accented letters) and written horizontally/vertically without the **BERMUDA** font, the text is printed slightly larger than the maximum possible.

If the 4 point or 5 point text size setting is selected, the text will be printed with the **BRUSSELS** font setting, regardless of the font setting that is selected.

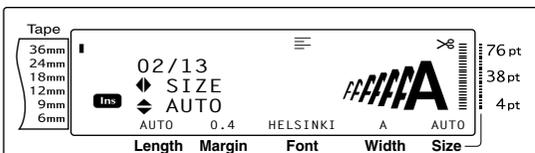
To change the setting for the Size function:

- 1 Select **GLOBAL FORMAT, BLOCK FORMAT** or **LINE FORMAT** (OR hold down **Code** and press **1 æ** / **2 ø** or **3 ä**) as described on pages 24 to 25.

NOTE

This step may be skipped if settings for several format functions are being applied at the same time.

- 2 Rotate **Set** until **SIZE** is displayed, and then press **Set** (OR press **←** or **→** until **SIZE** is displayed). The setting for the text at the cursor's current position is shown on the left side of the display and a sample can be seen on the right side.



- 3 Rotate **Set** (OR press **↑ Home** or **↓ End**) until the desired setting is displayed.

NOTE

If "*****" appears as a setting, the Size function has already been applied to either a line in the current text block (if the Block format or the Global format function is being set) or a block in the current text (if the Global format function is being set). Changing the setting will cancel the setting that was previously applied.

To return the function to its default setting (**AUTO**), press the space bar.

To return to the text without changing the formatting, press **Cancel** (OR hold down **Code** and press **1 æ** / **2 ø** or **3 ä**).

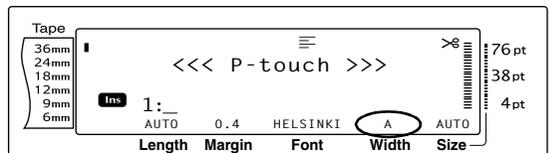
- 4 Press **Set** (OR press **↵ No/Block**) to apply the setting.

NOTE

If **Set** is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press **←** or **→** to select the function, and then press **↑ Home** or **↓ End** to select the desired setting. Press **↵ No/Block** only after the necessary functions have been set.

Width function (WIDTH)

The Width function can be used with any of the text sizes to make the size of the characters wider or more narrow. For samples of the available Width settings, refer to page 70. The width of the text at the cursor's current position is shown at the bottom of the display.



To change the setting for the Width function:

- 1 Select **GLOBAL FORMAT, BLOCK FORMAT** or **LINE FORMAT** (OR hold down **Code** and press **1 æ** / **2 ø** or **3 ä**) as described on pages 24 to 25.

NOTE

This step may be skipped if settings for several format functions are being applied at the same time.

- 2 Rotate **Set** until **WIDTH** is displayed, and then press **Set** (OR press **←** or **→** until **WIDTH** is displayed). The setting for the text at the cursor's current position is shown on the left side of the display and a sample can be seen on the right side.



- 3 Rotate **Set** (OR press **↑** or **↓**) until the desired setting is displayed.

NOTE

If "*****" appears as a setting, the Width function has already been applied to either a line in the current text block (if the Block format or the Global format function is being set) or a block in the current text (if the Global format function is being set). Changing the setting will cancel the setting that was previously applied.

To return the function to its default setting (**NORMAL**), press the space bar.

To return to the text without changing the formatting, press **Cancel** (OR hold down **Code** and press **Global**, **Block**, or **Line**).

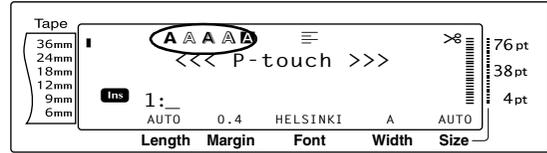
- 4 Press **Set** (OR press **New Block**) to apply the setting.

NOTE

If **Set** is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press **←** or **→** to select the function, and then press **↑** or **↓** to select the desired setting. Press **New Block** only after the necessary functions have been set.

Style1 function (STYLE1)

With the Style1 function, 5 other text styles are available, allowing you to create more personalised labels. For samples of the available style settings, refer to page 72. The style indicators at the top of the display show the style of the text at the cursor's current position when any setting other than **NORMAL** is selected.



Each of the text styles available with the Style1 function can be combined with each of the text styles available with the Style2 function. (See *Style2 function (STYLE2)* on pages 29.)

To change the setting for the Style1 function:

- 1 Select **GLOBAL FORMAT**, **BLOCK FORMAT** or **LINE FORMAT** (OR hold down **Code** and press **Global**, **Block**, or **Line**) as described on pages 24 to 25.

NOTE

This step may be skipped if settings for several format functions are being applied at the same time.

- 2 Rotate **Set** until **STYLE1** is displayed, and then press **Set** (OR press **←** or **→** until **STYLE1** is displayed). The setting for the text at the cursor's current position is shown on the left side of the display and a sample can be seen on the right side.



- 3 Rotate **Set** (OR press **↑** or **↓**) until the desired setting is displayed.

NOTE

If "*****" appears as a setting, the Style1 function has already been applied to either a line in the current text block (if the Block format or the Global format function is being set) or a block in the current text (if the Global format function is being set). Changing the setting will cancel the setting that was previously applied.

To return the function to its default setting (**NORMAL**), press the space bar.

To return to the text without changing the formatting, press **Cancel** (OR hold down **Code** and press $\frac{\text{Global}}{1 \text{ ae}}$, $\frac{\text{Block}}{2 \text{ o}}$ or $\frac{\text{Line}}{3 \text{ a}}$).

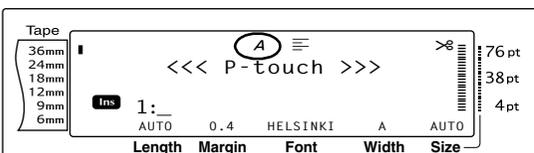
- 4 Press **Set** (OR press $\frac{\text{New Block}}{\leftarrow}$) to apply the setting.

NOTE

If **Set** is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press \leftarrow or \rightarrow to select the function, and then press \uparrow Home or \downarrow End to select the desired setting. Press $\frac{\text{New Block}}{\leftarrow}$ only after the necessary functions have been set.

Style2 function (STYLE2)

Two more text styles are available with the Style2 function: **ITALIC** and **VERTICAL**. Either of these styles can be combined with each of the text styles available with the Style1 function. (See *Style1 function (STYLE1)* on pages 28.) For samples of the available style settings, refer to page 72. The style indicators at the top of the display show the style of the text at the cursor's current position when any setting other than **NORMAL** is selected.



The **VERTICAL** style setting, which rotates each character 90° counterclockwise and prints the text vertically along the length of the label, is different from the Text rotation function (page 32), which rotates each text block 90° counterclockwise and prints the text horizontally along the length of the label.

To change the setting for the Style2 function:

- 1 Select **GLOBAL FORMAT**, **BLOCK FORMAT** or **LINE FORMAT** (OR hold down **Code** and press $\frac{\text{Global}}{1 \text{ ae}}$, $\frac{\text{Block}}{2 \text{ o}}$ or $\frac{\text{Line}}{3 \text{ a}}$) as described on pages 24 to 25.

NOTE

This step may be skipped if settings for several format functions are being applied at the same time.

- 2 Rotate **Set** until **STYLE2** is displayed, and then press **Set** (OR press \leftarrow or \rightarrow until **STYLE2** is displayed). The setting for the text at the cursor's current position is shown on the left side of the display and a sample can be seen on the right side.



- 3 Rotate **Set** (OR press \uparrow Home or \downarrow End) until the desired setting is displayed.

NOTE

If "*****" appears as a setting, the Style2 function has already been applied to either a line in the current text block (if the Block format or the Global format function is being set) or a block in the current text (if the Global format function is being set). Changing the setting will cancel the setting that was previously applied.

To return the function to its default setting (**NORMAL**), press the space bar.

To return to the text without changing the formatting, press **Cancel** (OR hold down **Code** and press $\frac{\text{Global}}{1 \text{ ae}}$, $\frac{\text{Block}}{2 \text{ o}}$ or $\frac{\text{Line}}{3 \text{ a}}$).

Ch. 3 Functions

- 4 Press **Set** (OR press ) to apply the setting.

NOTE

If **Set** is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press  or  to select the function, and then press  or  to select the desired setting. Press  only after the necessary functions have been set.

Line effects function (LINE EFFECTS)

The Line effects function enables you to underline or strike out certain parts of your text.



When any setting other than **OFF** is selected for the text at the cursor's current position, the Line effects indicator at the top of the display comes on.



To change the setting for the Line effects function:

- 1 Select **GLOBAL FORMAT**, **BLOCK FORMAT** or **LINE FORMAT** (OR hold down  and press ,  or ) as described on pages 24 to 25.

NOTE

This step may be skipped if settings for several format functions are being applied at the same time.

- 2 Rotate **Set** until **LINE EFFECTS** is displayed, and then press **Set** (OR press  or  until **LINE EFFECTS** is displayed). The setting for the text at the cursor's current position is shown on the left side of the display and a sample can be seen on the right side.



- 3 Rotate **Set** (OR press  or ) until the desired setting is displayed.

NOTE

If "*****" appears as a setting, the Line effects function has already been applied to either a line in the current text block (if the Block format or the Global format function is being set) or a block in the current text (if the Global format function is being set). Changing the setting will cancel the setting that was previously applied.

To return the function to its default setting (**OFF**), press the space bar.

To return to the text without changing the formatting, press  (OR hold down  and press ,  or ).

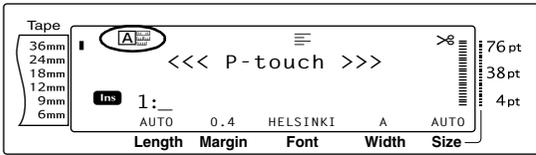
- 4 Press **Set** (OR press ) to apply the setting.

NOTE

If **Set** is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press  or  to select the function, and then press  or  to select the desired setting. Press  only after the necessary functions have been set.

Frame function (FRAME)

With the Frame function, you can choose from a variety of frames and highlights for emphasising certain parts or all of the text in your label. For samples of the available frame settings, refer to page 74. When any setting other than **OFF** is selected for the text at the cursor's current position, the Frame indicator at the top of the display comes on. The lines on the right side of the indicator, starting from the top, show if the Frame setting is applied to the entire text, the block or the line.

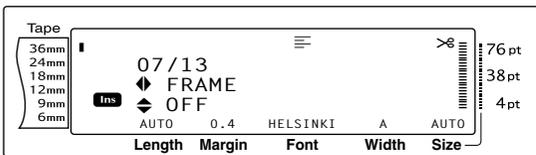


To change the setting for the Frame function:

- 1 Select **GLOBAL FORMAT**, **BLOCK FORMAT** or **LINE FORMAT** (OR hold down **Code** and press **1** / **2** / **3**) as described on pages 24 to 25.

NOTE
This step may be skipped if settings for several format functions are being applied at the same time.

- 2 Rotate **Set** until **FRAME** is displayed, and then press **Set** (OR press **←** or **→** until **FRAME** is displayed). The setting for the text at the cursor's current position is shown on the left side of the display and a sample can be seen on the right side.



- 3 Rotate **Set** (OR press **Home** or **End**) until the desired setting is displayed.

NOTE

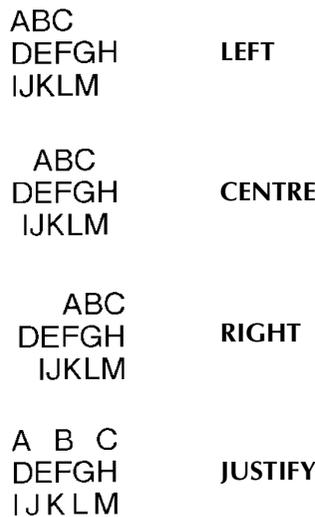
- Even if a frame setting has already been applied to either a line in the current text block (if the Block format or the Global format Frame function is being set) or a block in the current text (if the Global format Frame function is being set), all frames will be applied and printed.
- To return the function to its default setting (**OFF**), press the space bar.
- To return to the text without changing the formatting, press **Cancel** (OR hold down **Code** and press **1** / **2** / **3**).

- 4 Press **Set** (OR press **←** / **→**) to apply the setting.

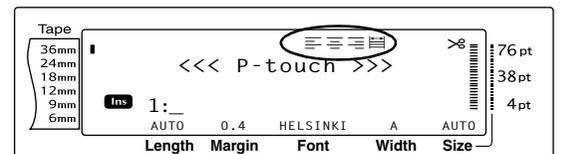
NOTE
If **Set** is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press **←** or **→** to select the function, and then press **Home** or **End** to select the desired setting. Press **New Block** only after the necessary functions have been set.

Text alignment function (ALIGNMENT)

You can choose to align the text in one of four ways:



In addition, if the Text rotation function is set to **OFF**, the text will align within the length set with the Block length function. If the Text rotation function is set to any setting other than **OFF**, the text will align within the width of the tape. The alignment of the text at the cursor's current position is shown at the top of the display.



To change the setting for the Text alignment function:

- 1 Select **GLOBAL FORMAT**, **BLOCK FORMAT** or **LINE FORMAT** (OR hold down `Code` and press `* 1 æ`, `" 2 ø` or `/ 3 ä`) as described on pages 24 to 25.

NOTE

This step may be skipped if settings for several format functions are being applied at the same time.

- 2 Rotate `Set` until **ALIGNMENT** is displayed, and then press `Set` (OR press `←` or `→`) until **ALIGNMENT** is displayed). The setting for the text at the cursor's current position is shown on the left side of the display and a sample can be seen on the right side.



- 3 Rotate `Set` (OR press `↑ Home` or `↓ End`) until the desired setting is displayed.

NOTE

If "*****" appears as a setting, the Text alignment function has already been applied to either a line in the current text block (if the Block format or the Global format function is being set) or a block in the current text (if the Global format function is being set). Changing the setting will cancel the setting that was previously applied.

To return the function to its default setting (**LEFT**), press the space bar.

To return to the text without changing the formatting, press `Cancel` (OR hold down `Code` and press `* 1 æ`, `" 2 ø` or `/ 3 ä`).

- 4 Press `Set` (OR press `↓ New Block`) to apply the setting.

NOTE

If `Set` is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press `←` or `→` to select the function, and then press `↑ Home` or `↓ End` to select the desired setting. Press `↓ New Block` only after the necessary functions have been set.

Text rotation function (ROTATE)

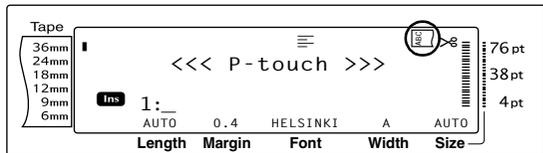
Any text block with the Text rotation function applied is rotated 90° counterclockwise. By selecting the **&REPEAT** setting, the text is repeatedly printed for the length of the text block.

ABCD
EFG
HIJK **OFF**

ABCD
EFG
HIJK **ON**

ABCC
ABCC
ABCC **&REPEAT**

When any setting other than **OFF** is selected for the text at the cursor's current position, the Text rotation indicator at the top of the display comes on.



To change the setting for the Text rotation function:

- 1 Select **GLOBAL FORMAT** or **BLOCK FORMAT** (OR hold down `Code` and press `* 1 æ` or `" 2 ø`) as described on pages 24 to 25.

NOTE

This step may be skipped if settings for several format functions are being applied at the same time.

- 2 Rotate **Set** until **ROTATE** is displayed, and then press **Set** (OR press **←** or **→** until **ROTATE** is displayed). The setting for the text at the cursor's current position is shown on the left side of the display and a sample can be seen on the right side.



- 3 Rotate **Set** (OR press **↑** Home or **↓** End) until the desired setting is displayed.

NOTE

☞ If "*****" appears as a setting, the Text rotation function has already been applied to a block in the current text (when the Global format function is being set). Changing the setting will cancel the setting that was previously applied.

☞ To return the function to its default setting (**OFF**), press the space bar.

☞ To return to the text without changing the formatting, press **Cancel** (OR hold down **Code** and press **Global** or **Block**).

- 4 Press **Set** (OR press **↵** New Block) to apply the setting.

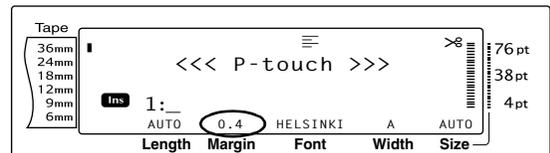
NOTE

If **Set** is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press **←** or **→** to select the function, and then press **↑** Home or **↓** End to select the desired setting. Press **↵** New Block only after the necessary functions have been set.

Tape margin function (T. MARGIN)

The Tape margin function allows you to adjust the size of the margins on the left and right sides of your text. The label margins can be set to a width between 0.2 cm and 9.9 cm.

The current Tape margin setting is shown at the bottom of the display.



To change the setting for the Tape margin function:

- 1 Select **GLOBAL FORMAT** (OR hold down **Code** and press **Global**) as described on page 24.

NOTE

This step may be skipped if settings for several Global Format functions are being applied at the same time.

- 2 Rotate **Set** until **T. MARGIN** is displayed, and then press **Set** (OR press **←** or **→** until **T. MARGIN** is displayed). The current setting is shown on the left side of the display.



- 3 Rotate **Set** (OR press **↑** Home or **↓** End) until the desired setting is displayed, or use the number keys to type in the desired margin width.

NOTE

- ☞ To return the function to its default setting (**0.4 cm**), press the space bar.
- ☞ To change the setting in 1.0 cm steps, hold down either or , and then release the key when the desired setting is displayed.
- ☞ To return to the text without changing the formatting, press (OR hold down and press).

4 Press (OR press) to apply the setting.

NOTE

If is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press or to select the function, and then press or to select the desired setting. Press only after the necessary functions have been set.

Tape length function (T. LENGTH)

Although the length of the printed label automatically adjusts to fit the length of the entered text, there may be times when you will want to make a label with a specific length. The Tape length function allows you to set the label length between 0.6 cm and 99.5 cm.

The current Tape length setting is shown in the lower-left corner of the display.



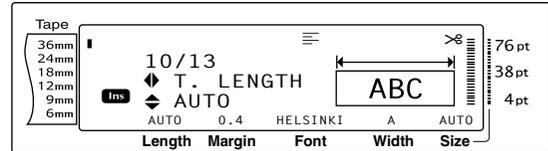
To change the setting for the Tape length function:

- 1 Select **GLOBAL FORMAT** (OR hold down and press as described on page 24.

NOTE

This step may be skipped if settings for several Global Format functions are being applied at the same time.

- 2 Rotate until **T. LENGTH** is displayed, and then press (OR press or until **T. LENGTH** is displayed). The current setting is shown on the left side of the display.



- 3 Rotate (OR press or) until the desired setting is displayed, or use the number keys to type in the desired tape length.

NOTE

- ☞ To return the function to its default setting (**AUTO**), press the space bar.
- ☞ To change the setting in 1.0 cm steps, hold down either or , and then release the key when the desired setting is displayed.
- ☞ To return to the text without changing the formatting, press (OR hold down and press).

4 Press (OR press) to apply the setting.

NOTE

If is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press or to select the function, and then press or to select the desired setting. Press only after the necessary functions have been set.

Block margin function (B. MARGIN)

The width of the margins between text blocks can be set between 0.0 cm and 30.0 cm. The left and right margins for each text block will have a width that is the specified setting. If the **AUTO** setting is selected, the block margins will be 0.0 cm if only one text block has been created and 0.3 cm if multiple text blocks have been created.

To change the setting for the Block margin function:

- 1 Select **GLOBAL FORMAT** (OR hold down `Code` and press `Global` `* 1 ae`) as described on pages 24.

NOTE

This step may be skipped if settings for several format functions are being applied at the same time.

- 2 Rotate `Set` until **B. MARGIN** is displayed, and then press `Set` (OR press `←` or `→` until **B. MARGIN** is displayed). The current setting is shown on the left side of the display.



- 3 Rotate `Set` (OR press `↑ Home` or `↓ End`) until the desired setting is displayed, or use the number keys to type in the desired block margin width.

NOTE

- To return the function to its default setting (**AUTO**), press the space bar.
- To change the setting in 1.0 cm steps, hold down either `↑ Home` or `↓ End`, and then release the key when the desired setting is displayed.
- To return to the text without changing the formatting, press `Cancel` (OR hold down `Code` and press `Global` `* 1 ae`).

- 4 Press `Set` (OR press `←` or `→` until `New Block`) to apply the setting.

NOTE

If `Set` is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press `←` or `→` to select the function, and then press `↑ Home` or `↓ End` to select the desired setting. Press `←` or `→` only after the necessary functions have been set.

Block length function (B. LENGTH)

Normally, the length of each text block automatically adjusts to fit the length of the entered text. However, with the Block length function, you can set each text block to a length between 0.6 cm and 99.5 cm.

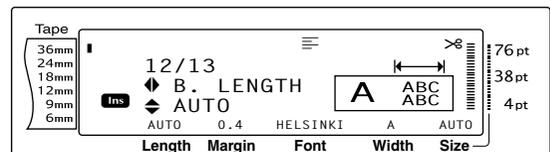
To change the setting for the Block length function:

- 1 Select **GLOBAL FORMAT** or **BLOCK FORMAT** (OR hold down `Code` and press `Global` `* 1 ae` or `Block` `* 2 ae`) as described on page 24 to 25.

NOTE

This step may be skipped if settings for several Format functions are being applied at the same time.

- 2 Rotate `Set` until **B. LENGTH** is displayed, and then press `Set` (OR press `←` or `→` until **B. LENGTH** is displayed). The current setting is shown on the left side of the display.



- 3 Rotate `Set` (OR press `↑ Home` or `↓ End`) until the desired setting is displayed, or use the number keys to type in the desired block length.

NOTE

- To return the function to its default setting (**AUTO**), press the space bar.
- To change the setting in 1.0 cm steps, hold down either **Home** or **End**, and then release the key when the desired setting is displayed.
- To return to the text without changing the formatting, press **Cancel** (OR hold down **Code** and press **1** or **2**).

4 Press **Set** (OR press **New Block**) to apply the setting.

NOTE

If **Set** is used to select the settings, only one function can be set at a time. To apply several format settings at the same time, press **←** or **→** to select the function, and then press **Home** or **End** to select the desired setting. Press **New Block** only after the necessary functions have been set.

Mirror printing function

(**Code** + **Mirror Print**)

This function prints your label so that the text can be read from the adhesive side of the tape. If mirror-printed labels are attached to glass or some other transparent material, they can be read correctly from the opposite side.

NOTE

When using the Mirror printing function, the text should be printed on clear tape.

ABC OFF

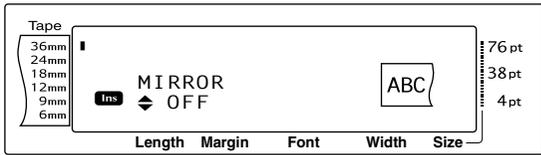
ABC ON

When **ON** is selected, the Mirror printing indicator at the top of the display comes on.



To print a mirror image of the text:

1 Rotate **Set** until **MIRROR** is displayed, and then press **Set** (OR hold down **Code** and press **Print**).



2 Rotate **Set** (OR press **Home** or **End**) until the desired setting is displayed.

NOTE

- To return the function to its default setting (**OFF**), press the space bar.
- To return to the text without changing the formatting, press **Cancel** (OR hold down **Code** and press **Print**).

3 Press **Set** (OR press **New Block**) to apply the setting.

Stamp stencil function

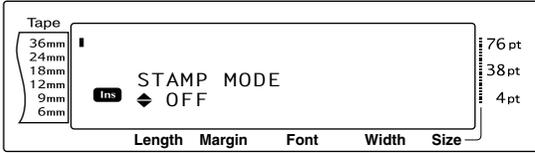
(**Code** + **S**)

The Stamp stencil function allows you to quickly and easily create your own stamp stencil films for chemical etching. After inserting a stamp film cassette, select this function to adjust the text to a perfect thickness for the pre-inked stamp film holders. Since the stamp holder is reusable, just make a new stamp stencil film and replace the one in the holder.

To make a stamp:

1 Type in the text, and then insert a medium (18-mm-wide) or large (24 mm-wide) stamp film cassette.

- Hold down **Code** and press **5**.



NOTE

If a stamp is created using this function, be sure to use the Tape length function to select left and right label margins of 25 mm.

- Rotate **Set** (OR press **Home** or **End**) until the desired setting is displayed.

NOTE

To return the function to its default setting (**OFF**), press the space bar.
 To return to the text without changing the setting for the Stamp function, press **Cancel** (OR hold down **Code** and press **5**).

- Press **Set** (OR press **New Block**). If **ON** was selected, print resolution is automatically adjusted for stamps.
- Press **Mirror/Print** to cut the text out of the stamp stencil film.
- After the stamp stencil film is cut off, remove the backing paper from the stamp stencil film and affix it to the ink pad of a stamp film holder.

Auto format function (**Code** + **A/F**)

The Auto format function makes creating labels and stamps quick and easy. After simply selecting one of the various pre-formatted templates and typing text into each of its fields, the overall style of the label can easily be changed by selecting one of the six available style formats, and then the label is ready to be printed.

The many templates available allow you to create labels and stamps for a variety of needs—from addressing envelopes to identifying floppy disks or audio and video cassettes. The width and length of each label or stamp printed from a template is preset. For samples of the available templates, refer to pages 75 through 77.

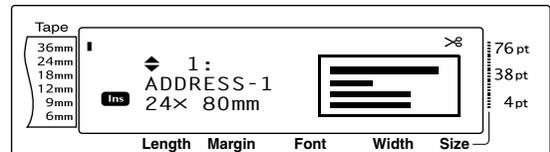
After the text is entered, a different style for the text can easily be selected. For samples of the available style formats, refer to page 78.

To select a pre-formatted template:

- Rotate **Set** until **AUTO FORMAT** is displayed, and then press **Set** (OR hold down **Code** and press **A/F**).

NOTE

The template that was last used appears first. Selecting this template displays the text that was entered in it at that time.
 An Auto format template that has been stored in the memory can be recalled and used again. For details on recalling stored Auto format templates, refer to page 45.



- Rotate **Set** (OR press **Home** or **End**) until the name of the desired template is displayed.

NOTE

To select the default setting (**ADDRESS-1**), press the space bar.

- Press **Set** (OR press **New Block**). The first field for the selected template is displayed.

NOTE

To select a different field, rotate **Set** (OR press **Home** or **End**) until the desired field is displayed.
 To select a different template, press **Cancel**, rotate **Set** (OR press **Home** or **End**) until **✓** moves beside **CANCEL EDITING?**, and then press **Set** (OR press **New Block**).

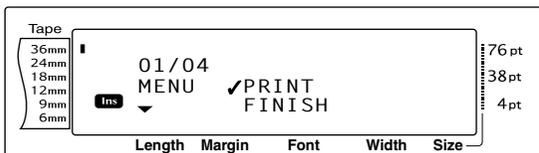


To enter text in the template:

- 4 For each field, type in the text, and then press **Set** (OR press **New Block**). When **Set** (OR **New Block**) is pressed after typing in the text for the last field, the MENU screen appears in the display.

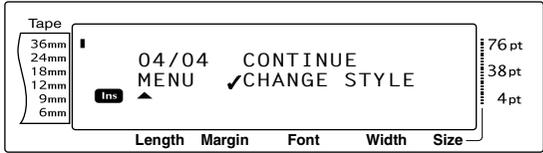
NOTE

- If **End** is pressed while the last field is displayed, the first field appears. If **New Block** is pressed while the last field is displayed, the MENU screen appears.
- To return to the first field while the MENU screen is displayed, press **Cancel**.
- Accented characters (pages 18 to 19), symbols (page 18), barcodes (page 19), time stamps (Refer to the Advanced Functions booklet.) and user-defined character images (Refer to the Advanced Functions booklet.) can be entered in the fields.
- An Auto format template can be stored in the memory to be recalled and used at a later time. For details on storing Auto format templates, refer to page 44.
- To immediately print the label for the selected template, press **Mirror Print**.

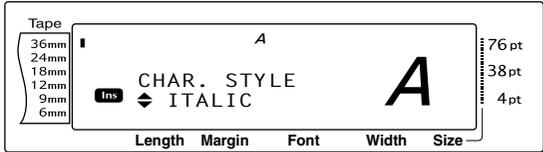


To change the style of the text:

- 5 Rotate **Set** (OR press **Home** or **End**) until **✓** moves beside **CHANGE STYLE**.



- 6 Press **Set** (OR press **New Block**).



- 7 Rotate **Set** (OR press **Home** or **End**) until the name of the desired format style is displayed. A sample can be seen on the right side of the display.

NOTE

The default setting (**ORIGINAL**) can be selected by pressing the space bar.

- 8 Press **Set** (OR press **New Block**). The MENU screen appears in the display again.

NOTE

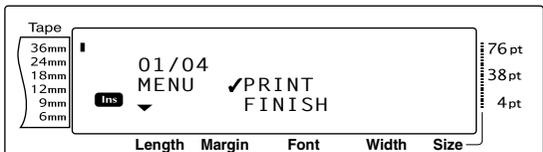
To store the template with text and a specific character style, type in the text for each field, and then select the style of the text before storing the template.

To print a label using the selected template:

- 9 Rotate **Set** (OR press **Home** or **End**) until **✓** moves beside **PRINT**.

NOTE

Before printing an Auto format template, a TZe tape cassette with the specified tape width must be installed.

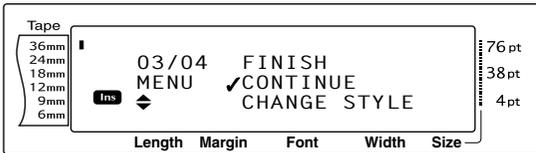


Functions

- 10 Press **Set** (OR press ) to print the label. The message “COPIES 1/ 1” appears in the display while the label is being printed. The MENU screen appears in the display again.

To change the text entered in the template:

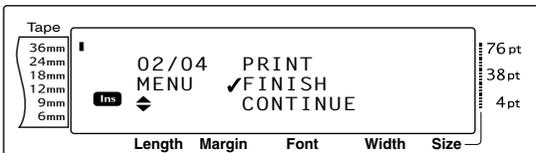
- 11 Rotate **Set** (OR press  or ) until **✓** moves beside **CONTINUE**.



- 12 Press **Set** (OR press ) . The first field for the selected template appears in the display.
- 13 Repeat step 4 until the text is edited as you wish. The MENU screen appears again when **Set** (OR ) is pressed after editing the last field in the template.

To finish using the Auto format function:

- 14 Rotate **Set** (OR press  or ) until **✓** moves beside **FINISH**.



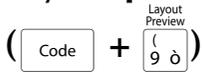
- 15 Press **Set** (OR press ) . The message “OK TO FINISH AUTO FORMAT?” appears in the display.
- 16 Press **Set** (OR press ) . Any text displayed before the Auto format function was used reappears in the display.

NOTE

- 1 The template that was last used appears first. Selecting this template displays the text that was entered in it at that time.
- 2 An Auto format template that has been stored in the memory can be recalled and used again. For details on recalling stored Auto format templates, refer to page 45.
- 3 To quit the Auto Format function without using a template, hold down **Code** and press  at any time.
- 4 The half cut can only be used to cut laminated tape.

Printing

Layout preview function



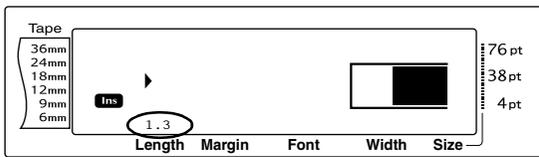
The Layout preview function allows you to get a general overview of the text within the width of the currently installed tape. The length of the current label is indicated in the lower-left corner of the display.

To preview the label:

- Rotate **Set** until **LAYOUT PREVIEW** is displayed, and then press **Set** (OR hold down **Code** and press **Layout Preview**).

NOTE

- ▶ To scroll the label preview back and forth, rotate **Set** (OR press **←** or **→**).
- ▶ To return to the text at any time, press **Cancel** (OR hold down **Code** and press **Layout Preview**).



Auto cut function (Code + A.Cut Feed & Cut)

Each setting of the Auto cut function consists of settings for three different cut methods: full cut (which is used to completely cut off the label), half cut (which is used to cut laminated tape without cutting the label backing, making it easier to remove the backing paper from labels), and chain printing (where the last copy is not cut off, reducing the amount of tape that is wasted).

Chain printing is an economical function designed to help eliminate “wasted tape” at the beginning of labels. Without chain printing, the usual leftover tape from the previous printing session is wasted before the first label in the current session is printed.

However, if an Auto cut setting using chain printing is selected, the last label in the previous session remains in the machine (is not fed out), so that the next label can be printed without wasting tape. When the last label is printed, press **A.Cut Feed & Cut** to feed the chain of labels and cut it.

When setting **1**, **2**, **3** or **4** is selected, the Auto cut indicator in the upper-right corner of the display comes on, indicating that the labels will be cut off after the last label in the chain is printed.



NOTE

When setting **5**, **6**, **7** or **8** is selected, the Auto Cut indicator does not come on.

- 1 (both full and half cuts—no chain printing)
- 2 (full cuts only—no half cuts and no chain printing)
- 3 (half cuts only—no full cuts and no chain printing)
- 4 (no full cuts, half cuts or chain printing)
- 5 (full cuts, half cuts and chain printing)
- 6 (full cuts and chain printing—no half cuts)
- 7 (half cuts and chain printing—no full cuts)
- 8 (chain printing—neither full nor half cuts)

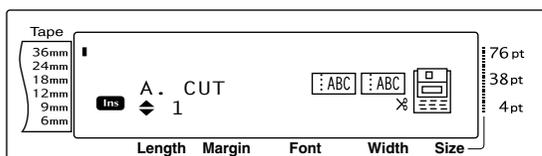
NOTE

After printing with settings **5, 6, 7 or 8**, press to feed the tape, then cut it.

This function can also be specified with the P-touch Editor 3.2 software.

To change the setting for the Auto cut function:

- 1 Rotate until **AUTO CUT** is displayed, and then press (OR hold down and press).



- 2 Rotate (OR press or) until the desired setting is displayed. The current setting is shown on the left side of the display and a sample can be seen on the right side.

NOTE

To return the function to its default setting (1), press the space bar.

To return to the text without changing the setting for the Auto cut function, press (OR hold down and press .

- 3 Press (or press to apply the setting.

Print key ()

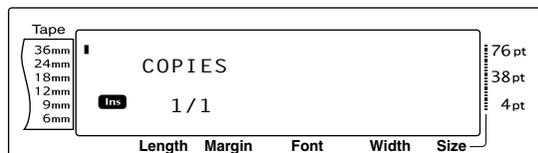
After you have typed in your text and chosen all of the desired format settings, you are ready to print it.

To print a label:

- Press . The message “COPIES” followed by the number of the label being printed appears.

NOTE

To quit printing at any time, press .



Feed & Cut key (

Press this key to feed out any leftover printed tape after pressing to quit printing.

NOTE

After printing with the Auto cut function set to **5, 6, 7 or 8**, press to feed the tape, then cut it.

To feed out 26 mm of tape and automatically cut it:

- Press . The message “FEED” appears.

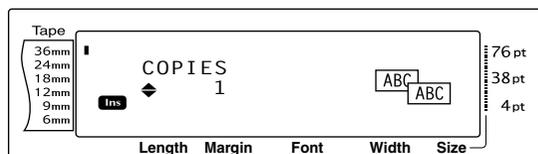
Repeat printing function

(+)

This function allows you to print up to 999 copies of the same text.

To print multiple copies of a label:

- 1 Rotate until **REPEAT** is displayed, and then press (OR hold down and press .



- 2 Rotate (or press or) until the desired setting is displayed, or use the number keys to type in the desired number of copies.

NOTE

- To select the default setting (1), press the space bar.
- To change the setting in steps of 5, hold down either or , and then release the key when the desired setting is displayed.
- To quit the Repeat printing function, press (OR hold down and press).

3 Press (or press) to begin printing the set number of copies. The number of each copy is displayed while it is being printed.

NOTE

After printing with the Auto cut function set to 5, 6, 7 or 8, press to feed the tape, then cut it.

Numbering function (+)

The Numbering function can be used to print many copies of the same text while increasing certain characters (letters, numbers or barcode data) after each label is printed. This type of automatic incrementation is very useful when printing serial number labels, production control labels or other labels requiring ascending codes.

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 examples below) can be used to adjust the space between characters or to control the number of digits that are printed:

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

NOTE

- Only one numbering field can be selected from any text.
- If you include a non-alphanumeric character such as a symbol in the numbering field, only the letters and numbers in the numbering field will be increased when the labels are printed, or just one label will be printed if the field only contains a non-alphanumeric character.
- When a barcode is selected as the numbering field, only the numbers in the barcode data are increased.

To print labels using the Numbering function:

1 Rotate until **NUMBER** is displayed, and then press (OR hold down and press). The message “SET START POINT” appears.



2 Rotate (OR press , , , or) until the first character that you wish to include in the numbering field is flashing.

NOTE

To quit the Numbering function, press (OR hold down and press).

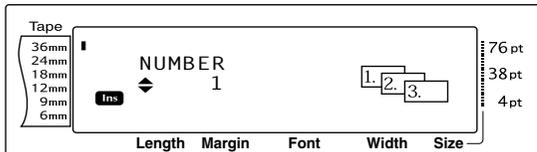
3 Press (OR press). The message “SET END POINT” appears.

NOTE

- If a barcode was selected in step 2, this step is skipped.
- A numbering field must be located entirely within one line of text of a single block.
- A maximum of five characters can be selected for the numbering field.



- 4 Press **Set** (OR press). The NUMBER screen appears.



- 5 Rotate **Set** (OR press or) until the desired setting is displayed, or use the number keys to type in the desired number of copies.

NOTE

To select the default setting (1), press the space bar.

To change the setting in steps of 5, hold down either or , and then release the key when the desired setting is displayed.

- 6 Press **Set** (OR press) to begin printing the set number of labels. The number of each copy is displayed while it is being printed.

NOTE

After printing with the Auto cut function set to **5, 6, 7 or 8**, press to feed the tape, then cut it.

Storing and recalling files

.....

Memory functions (+)

You can store frequently used text and Auto format template text in the memory. These text files and template files remain in the memory, even after all characters are erased from the display using the Clear function (holding down and pressing).

When each file is stored, it is given a number and can also be given a file name to make recalling it easier. Up to 100 files or approximately 10,000 characters can be stored in the memory. All Global format, Block format and Line format functions (Font, Size, Width, Style, Line effects, Frame, Alignment and Text rotation, Tape margin, Tape length, Block margin, Block length) specified are also saved with the text.

Since a copy of the stored text file is recalled when the Recall function is used, the text can be edited or printed without changing the originally stored file. However, the Store function can be used to replace the previously saved file with the new edited one. When a file is no longer needed or more space is necessary, the Memory clear function can be used to delete it. With the Memory print function, either a single file or multiple files stored in the memory can be quickly selected for printing.

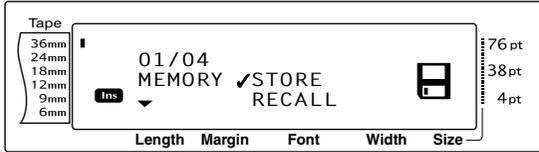
NOTE

Templates from the Auto format function can also be stored while the template is being selected, while text is being entered or while the MENU screen is displayed. *To store the template with text and a specific character style*, type in the text for each field, and then select the style of the text before storing the template.

Storing text and Auto format templates

To save a text file:

- 1 Rotate **Set** until **MEMORY** is displayed, and then press **Set** (OR hold down **Code** and press **Memory**). The MEMORY screen appears.



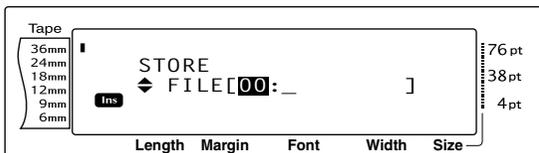
- 2 Rotate **Set** (OR press **Home** or **End**) until **✓** moves beside **STORE**.
- 3 Press **Set** (OR press **New Block**). The STORE screen appears in the display with the currently selected file number. The type of file is also indicated: **FILE** (for normal text files) or **TZ** (for Auto format templates).

NOTE

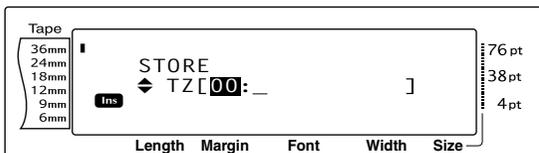
⚠ If the maximum number of characters has already been stored, the error message “MEMORY FULL!” appears in the display. If this occurs, an existing text file must be deleted before the new one can be stored.

⚠ To quit the Store function without storing the text, press **Cancel** (OR hold down **Code** and press **Memory**).

For a text file:



For an Auto format template file:



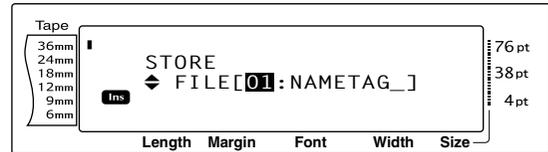
- 4 Rotate **Set** (OR press **Home** or **End**) until the file number where you wish to store the text is displayed.

NOTE

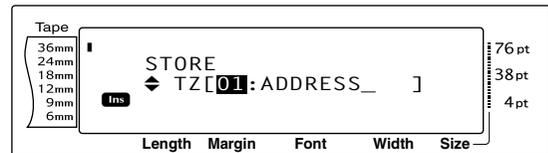
File numbers that are not flashing already contain a text file.

- 5 Type in the desired file name.

For a text file:



For an Auto format template file:



NOTE

The file name can be up to 8 characters long and can contain letters, numbers, symbols, spaces and accented characters.

- 6 Press **Set** (OR press **New Block**). The text is stored under the selected file number and the text previously shown in the display reappears.

NOTE

If a file is already stored under the selected file number, the message “OVERWRITE?” appears in the display and you must decide whether or not to overwrite it (delete it from the memory and store the new one).

To overwrite the stored file with the new one:

- Press **New Block** to delete the previously stored file and store the new one under the selected number.

NOTE

To go back and choose another file number without overwriting the text file, press **Cancel**, and then select a different file number.

Recalling text and Auto format templates

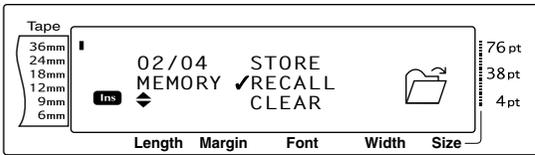
To recall a file that has been saved:

- 1 Rotate **Set** until **MEMORY** is displayed, and then press **Set** (OR hold down **Code** and press **Memory**). The MEMORY screen appears.

NOTE

An Auto format template that has been stored in the memory can be recalled when you are asked to select a template in the Auto format function.

- 2 Rotate **Set** (OR press **Home** or **End**) until **✓** moves beside **RECALL**.

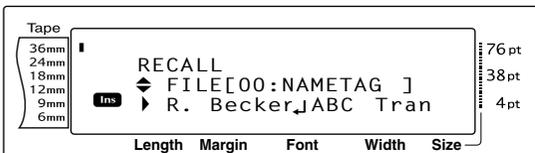


- 3 Press **Set** (OR press **New Book**). The RECALL screen appears in the display with the currently selected file number.

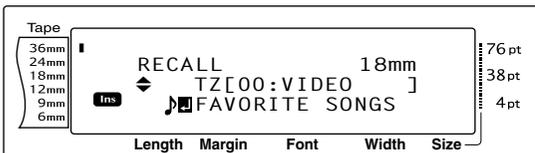
NOTE

To quit the Recall function without recalling any text, press **Cancel** (OR hold down **Code** and press **Memory**).

For a text file:



For an Auto format template file:



- 4 Rotate **Set** (OR press **Home** or **End**) until the file number containing the text that you wish to recall is displayed. The file name is shown beside the file number and the text stored in the selected file number is shown at the bottom of the display.

NOTE

To see other parts of the selected text file, press **←** or **→**.

Auto format template files of the same tape width are displayed grouped together.

- 5 Press **Set** (OR press **New Book**). Any text previously entered in the display is erased and the text stored under the selected file number is recalled into the display.

Deleting a file

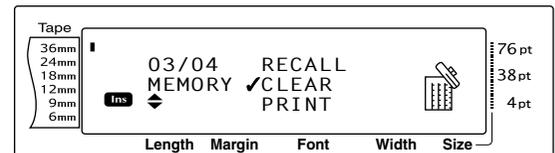
To delete a file that has been saved:

- 1 Rotate **Set** until **MEMORY** is displayed, and then press **Set** (OR hold down **Code** and press **Memory**). The MEMORY screen appears.

NOTE

An Auto format template that has been stored in the memory can be deleted by holding down **Code** and pressing **Memory** from the Auto format function.

- 2 Rotate **Set** (OR press **Home** or **End**) until **✓** moves beside **CLEAR**.

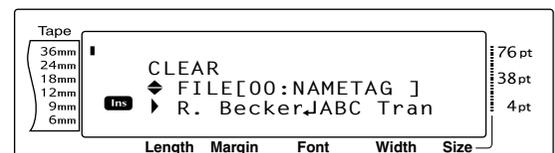


- 3 Press **Set** (OR press **New Book**). The CLEAR screen appears in the display with the currently selected file number.

NOTE

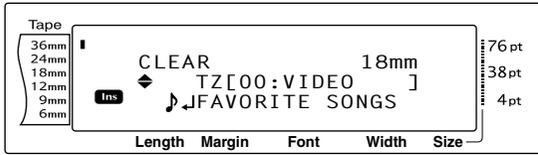
To quit the Memory clear function without erasing any text, press **Cancel** (OR hold down **Code** and press **Memory**).

For a text file:



Ch. 3 Functions

For an Auto format template file:



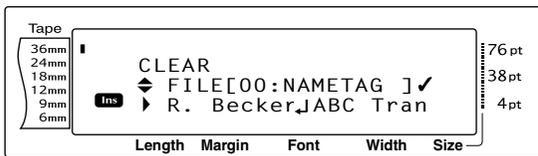
- 4 Rotate **Set** (OR press **Home** or **End**) until the file number containing the text that you wish to delete is displayed. The file name and the text stored under the selected file number is shown in the bottom line.

NOTE

- To see other parts of the selected text file, press **←** or **→**.
- Auto format template files of the same tape width are displayed together.

- 5 Press the space bar so that ✓ appears to the right of the file name.

For a text file:



For an Auto format template file:



- 6 Repeat steps 4 and 5 until ✓ appears to the right of all files to be deleted. Files marked with ✓ will be deleted.

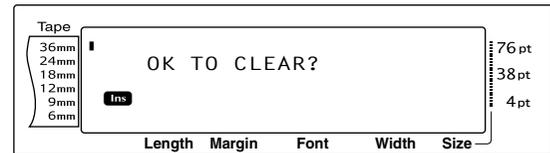
NOTE

- If multiple files are to be deleted, follow steps 5 and 6 to mark them with ✓. If only one file is to be deleted, steps 5 and 6 can be skipped.
- To select all files in the memory, hold down **Code** and press the space bar.
- To remove a file from those that are to be deleted, select the file, and then press the space bar to remove the ✓ from the right side of the file name.

- 7 Press **Set** (OR press **New Block**). The message "OK TO CLEAR?" appears.

NOTE

If all of the stored files were selected, the message "CLEAR ALL?" appears.



- 8 Press **Set** (OR press **New Block**). The text stored in the selected file numbers is deleted.

NOTE

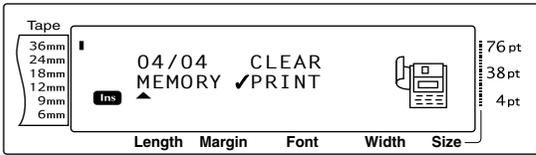
To go back and select different files to be deleted, press **Cancel**.

Printing stored text and Auto format templates

Multiple stored text or Auto format templates can be printed immediately without first being recalled.

To print stored text files:

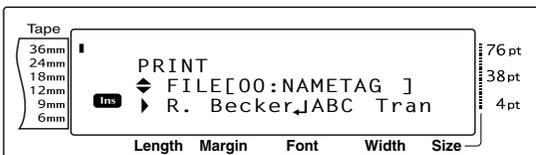
- Rotate **Set** until **MEMORY** is displayed, and then press **Set** (OR hold down **Code** and press **Memory** **8 i**). The MEMORY screen appears.
- Rotate **Set** (OR press **Home** or **End**) until ✓ moves beside **PRINT**.



- Press **Set** (OR press **New Block**). The PRINT screen appears in the display with the currently selected file number.

NOTE

To quit the Memory print function without printing any text, press **Cancel** (OR hold down **Code** and press

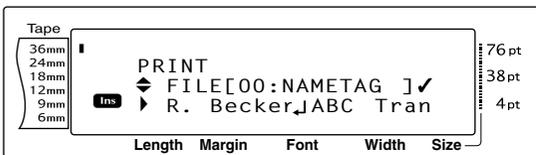


- Rotate **Set** (OR press **Home** or **End**) until the file number containing the text that you wish to print is displayed. The file name is shown beside the file number, and the text stored under the selected file number is shown in the bottom line.

NOTE

To see other parts of the selected text file, press **Left Arrow** or **Right Arrow**.

- Press the space bar so that **✓** appears to the right of the file name.



- Repeat steps 4 and 5 until **✓** appears to the right of all files to be printed. Files marked with **✓** will be printed.

NOTE

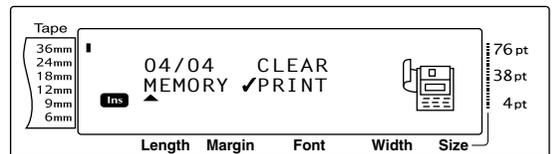
If multiple files are to be printed, follow steps 5 and 6 to mark them with **✓**. If only one file is to be printed, steps 5 and 6 can be skipped.

To remove a file from those that are to be printed, select the file, and then press the space bar to remove the **✓** from the right side of the file name.

- Press **Set** (OR press **New Block**). The text stored under the selected file numbers is printed.

To print stored Auto format template files:

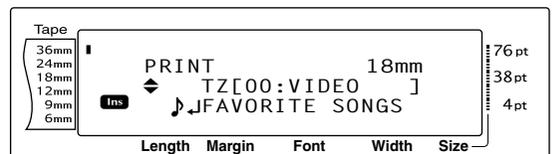
- Rotate **Set** until **AUTO FORMAT** is displayed, and then press **Set** (OR hold down **Code** and press **AVT**).
- Hold down **Code** and press **Memory** (8 i). The MEMORY screen appears.
- Rotate **Set** (OR press **Home** or **End**) until **✓** moves beside **PRINT**.



- Press **Set** (OR press **New Block**). The PRINT screen appears in the display with the currently selected file number.

NOTE

To quit the Memory print function without printing any text, press **Cancel** (OR hold down **Code** and press



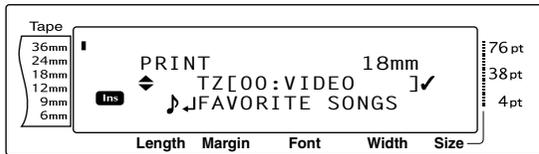
Ch. 3 Functions

- 5 Rotate **Set** (OR press **Home** or **End**) until the file number containing the text that you wish to print is displayed. The file name is shown beside the file number, and the text stored under the selected file number is shown in the bottom line.

NOTE

- To see other parts of the selected text file, press **←** or **→**.
- Auto format template files of the same tape width are displayed grouped together.

- 6 Press the space bar so that **✓** appears to the right of the file name.



- 7 Repeat steps 5 and 6 until **✓** appears to the right of all files to be printed. Files marked with **✓** will be printed.

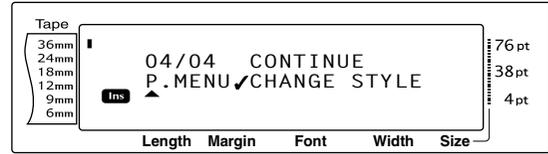
NOTE

- If multiple files are to be printed, follow steps 5 and 6 to mark them with **✓**. If only one file is to be printed, steps 5 and 6 can be skipped.
- To remove a file from those that are to be printed, select the file, and then press the space bar to remove the **✓** from the right side of the file name.

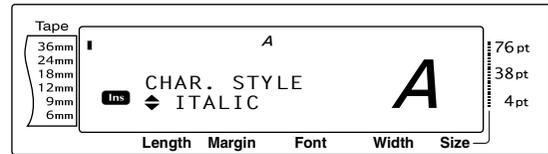
- 8 Press **Set** (OR press **New Block**). The MENU screen appears in the display.
- 9 Make sure that **✓** is beside **PRINT**, and then press **Set** (OR press **New Block**). The text stored under the selected file numbers is printed.

To change the style of the stored Auto format template:

- 10 Rotate **Set** (OR press **Home** or **End**) until **✓** moves beside **CHANGE STYLE**.



- 11 Press **Set** (OR press **New Block**).



- 12 Rotate **Set** (OR press **Home** or **End**) until the name of the desired format style is displayed. A sample can be seen on the right side of the display.

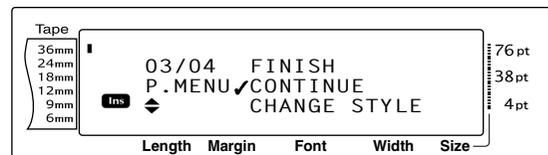
NOTE

The default setting (**NO CHANGE**) can be selected by pressing the space bar.

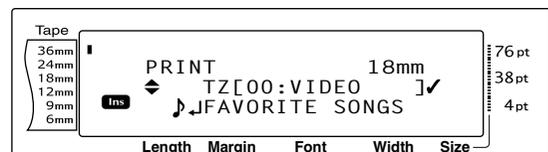
- 13 Press **Set** (OR press **New Block**). The MENU screen appears in the display again.

To print more stored Auto format template files:

- 14 Rotate **Set** (OR press **Home** or **End**) until **✓** moves beside **CONTINUE**.



- 15 Press **Set** (OR press **New Block**). The PRINT screen appears in the display with the currently selected file number.

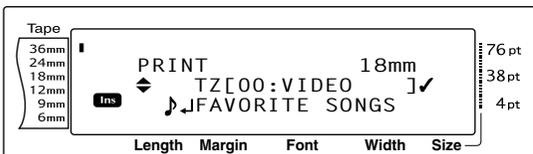


- 16 Rotate **Set** (OR press **Home** or **End**) until the file number containing the text that you wish to print is displayed. The file name is shown beside the file number, and the text stored under the selected file number is shown in the bottom line.

NOTE

- ☞ To see other parts of the selected text file, press **←** or **→**.
- ☞ Auto format template files of the same tape width are displayed grouped together.

- 17 Press the space bar so that **✓** appears to the right of the file name.



- 18 Repeat steps 16 and 17 until **✓** appears to the right of all files to be printed. Files marked with **✓** will be printed.

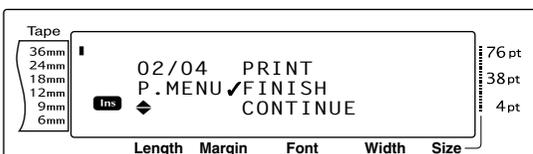
NOTE

If multiple files are to be printed, follow steps 17 and 18 to mark them with **✓**. If only one file is to be printed, steps 17 and 18 can be skipped.

- 19 Press **Set** (OR press **New Block**). The MENU screen appears in the display.
- 20 Make sure that **✓** is beside **PRINT**, and then press **Set** (OR press **New Block**). The text stored under the selected file numbers is printed.

To finish using the Auto format function:

- 21 Rotate **Set** (OR press **Home** or **End**) until **✓** moves beside **FINISH**.



- 22 Press **Set** (OR press **New Block**). The screen from the Auto format function displayed before the Memory print function was used reappears in the display.

Machine Adjustments

Machine adjustments

Setup functions (+)

Various functions are available for changing the general appearance of how text is shown on the display and for adjusting the operation of the P-touch.

To change the CONTRAST setting:

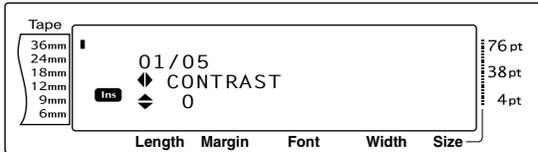
The **CONTRAST** function enables you to make the LCD display lighter or darker.

- 1 Hold down and press .

NOTE

This step may be skipped if settings for several Setup functions are being applied at the same time.

- 2 Rotate until **CONTRAST** is displayed, and then press (OR press or until **CONTRAST** is displayed).



- 3 Rotate (or press or) until the desired setting is displayed.

NOTE

To return the function to its default setting (0), press the space bar.

- 4 Press (or press) to apply the setting.

NOTE

If is used to select the settings, only one function can be set at a time. To apply several Setup settings at the same time, press or to select the function, and then press or to select the desired setting. Press only after the necessary functions have been set.

To change the TAPE LENGTH ADJUST setting:

When printing a label with a specified length (Tape length function), the length of the printed label may be slightly different. This function allows you to adjust the length of the printed label.

NOTE

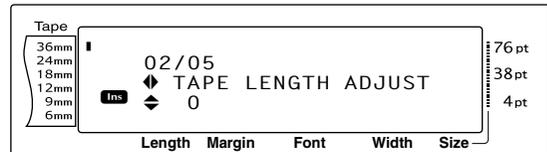
If the tape length cannot be adjusted satisfactorily using this function, small adjustments can be made to the tape length using the Tape length function.

- 1 Hold down and press .

NOTE

This step may be skipped if settings for several Setup functions are being applied at the same time.

- 2 Rotate until **TAPE LENGTH ADJUST** is displayed, and then press (OR press or until **TAPE LENGTH ADJUST** is displayed).



- 3 Rotate (or press or) until the desired setting is displayed.

NOTE

To return the function to its default setting (0), press the space bar.

To decrease the label length, select a lower value. To increase the label length, select a higher value.

- 4 Press (or press) to apply the setting.

NOTE

If is used to select the settings, only one function can be set at a time. To apply several Setup settings at the same time, press or to select the function, and then press or to select the desired setting. Press only after the necessary functions have been set.

To change the HEAD ADJUSTMENT setting:

This function allows you to shift the printing up or down within the tape.

NOTE

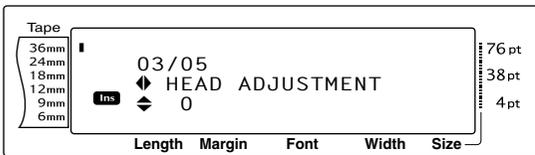
This function does not adjust printing on 36-mm-wide tape.

- 1 Hold down and press .

NOTE

This step may be skipped if settings for several Setup functions are being applied at the same time.

- 2 Rotate until **HEAD ADJUSTMENT** is displayed, and then press (OR press or until **HEAD ADJUSTMENT** is displayed).



- 3 Rotate (or press or) until the desired setting is displayed.

NOTE

- To return the function to its default setting (0), press the space bar.
- To shift the printing down, select a lower value. To shift the printing up, select a higher value.

- 4 Press (or press) to apply the setting.

NOTE

If is used to select the settings, only one function can be set at a time. To apply several Setup settings at the same time, press or to select the function, and then press or to select the desired setting. Press only after the necessary functions have been set.

To change the HALF CUTTER setting:

This function allows you to adjust how deep a half cut is cut with laminated tape, for example, if the tape is cut too much or not enough. Normally, it is only necessary to change the setting by one. If the half cut is still either too deep or not deep enough, change the setting by one again.

NOTE

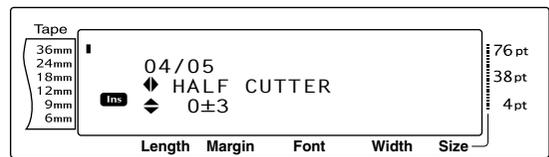
If the tape is still not cut correctly even after this setting has been continuously adjusted, the cutter may be dull. Contact your service representative.

- 1 Hold down and press .

NOTE

This step may be skipped if settings for several Setup functions are being applied at the same time.

- 2 Rotate until **HALF CUTTER** is displayed, and then press (OR press or until **HALF CUTTER** is displayed).



- 3 Rotate (or press or) until the desired setting is displayed.

NOTE

- To cut less deep, select a lower value. To cut deeper, select a higher value.
- Adjust the setting in small steps.
- To return the function to its default setting (0), press the space bar.

- 4 Press (or press) to apply the setting.

NOTE

If is used to select the settings, only one function can be set at a time. To apply several Setup settings at the same time, press or to select the function, and then press or to select the desired setting. Press only after the necessary functions have been set.

To change the USB ID SELECTION setting:

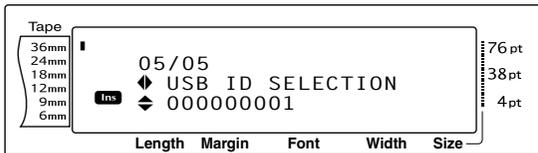
This function allows you to specify a unique identification number for each P-touch connected to a computer in order to print through the USB connection. Normally, for easy setup of multiple P-touch machines connected to a computer, all PT-9600/3600s will be set to **00000001**, indicating that the data will be printed on all connected P-touch machines at the same time.

- 1 Hold down  and press .

NOTE

This step may be skipped if settings for several Setup functions are being applied at the same time.

- 2 Rotate  until **USB ID SELECTION** is displayed, and then press  (OR press  or  until **USB ID SELECTION** is displayed).



- 3 Rotate  (or press  or ) until the desired setting is displayed.

NOTE

To return the function to its default setting (**00000001**), press the space bar.

- 4 Press  (or press ) to apply the setting.

NOTE

If  is used to select the settings, only one function can be set at a time. To apply several Setup settings at the same time, press  or  to select the function, and then press  or  to select the desired setting. Press  only after the necessary functions have been set.

ERROR MESSAGE LIST

ERROR MESSAGE	CAUSE	SOLUTION
4 DIGITS MINIMUM!	<ul style="list-style-type: none"> This message appears if less than the minimum four digits are entered as the barcode data. 	<ul style="list-style-type: none"> Enter a minimum of four digits before pressing .
16 LINE LIMIT!	<ul style="list-style-type: none"> This message appears if 16 lines have already been entered in a text block of text when you press . 	<ul style="list-style-type: none"> Limit the number of lines in a text block to 16.
	<ul style="list-style-type: none"> This message appears if you delete text, causing the number of lines in a block to exceed the 16-line limit. 	<ul style="list-style-type: none"> Adjust the number of lines so that the block will not have more than 16 lines.
50 LINE LIMIT REACHED!	<ul style="list-style-type: none"> This message appears if 50 text blocks have already been entered when you hold down  and press . 	<ul style="list-style-type: none"> Limit the number of text blocks to 50.
BATTERIES WEAK! (PT-9600 only)	<ul style="list-style-type: none"> This message appears when the installed Ni-MH battery has become weak. 	<ul style="list-style-type: none"> Recharge the battery or use the AC adapter.
BUFFER EMPTY!	<ul style="list-style-type: none"> This message appears if no text has been typed in when you try to print or use the Numbering function, Repeat printing function or Layout preview function. 	<ul style="list-style-type: none"> Type in some text before trying to perform any of these operations.
BUFFER FULL!	<ul style="list-style-type: none"> This message appears if you try to add a character, a space, a new line, a new block, a symbol, an accented character or a barcode after the maximum number of characters has already been entered. 	<ul style="list-style-type: none"> Delete some existing text before trying to add any more.
CHARGE BATTERIES! (PT-9600 only)	<ul style="list-style-type: none"> This message appears when the rechargeable Ni-MH battery has reached a low voltage. 	<ul style="list-style-type: none"> Recharge the battery or use the AC adapter.
CLOSE CASSETTE COVER!	<ul style="list-style-type: none"> This message appears if the tape compartment cover is open. 	<ul style="list-style-type: none"> Close the compartment cover.

ERROR MESSAGE LIST

ERROR MESSAGE	CAUSE	SOLUTION
<i>CUTTER ERROR!</i>	<ul style="list-style-type: none">● This message appears if the cutter did not operate correctly.	<ul style="list-style-type: none">● Turn off the P-touch, and then turn the P-touch on again.● If the problem cannot be corrected, contact your service representative.
<i>DIVIDE BY ZERO ERROR!</i>	<ul style="list-style-type: none">● This message appears if the conversion rate entered when setting up the Euro conversion function was 0.	<ul style="list-style-type: none">● Type in a conversion rate other than 0.
<i>EEPROM ERROR!</i>	<ul style="list-style-type: none">● This message appears if a checksum error occurred when the P-touch was turned on or if the keyword was damaged and failed to initialize.	<ul style="list-style-type: none">● Contact your service representative.
<i>INPUT WHOLE CODE!</i>	<ul style="list-style-type: none">● This message appears if the set number of digits is not entered in the barcode data.	<ul style="list-style-type: none">● Input the correct number of digits or change the number of digits set in the barcode parameters.

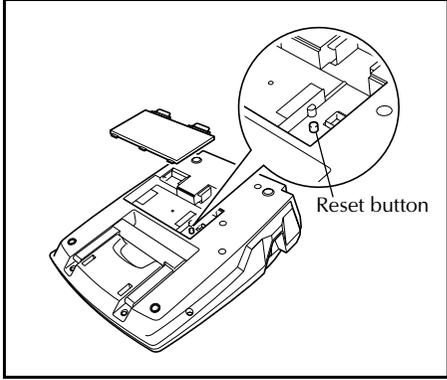
ERROR MESSAGE	CAUSE	SOLUTION						
LENGTH LIMIT!	<ul style="list-style-type: none"> This message appears if you try to print or use the Layout preview function when the length of the text is greater than the 1 m limit. 	<ul style="list-style-type: none"> Delete some of the text. 						
LINE LIMIT! XX LINES MAXIMUM	<ul style="list-style-type: none"> This message appears if you try to print or use the Layout preview function when the number of lines in the text is greater than the maximum possible for the installed tape. (Since the number of lines possible depends on the width of the tape, the message that appears depends on the tape width.) <table border="1" data-bbox="481 678 889 904"> <tr> <td>16 LINES MAXIMUM (on 36 mm tape)</td> </tr> <tr> <td>13 LINES MAXIMUM (on 24 mm tape)</td> </tr> <tr> <td>10 LINES MAXIMUM (on 18 mm tape)</td> </tr> <tr> <td>6 LINES MAXIMUM (on 12 mm tape)</td> </tr> <tr> <td>4 LINES MAXIMUM (on 9 mm tape)</td> </tr> <tr> <td>3 LINES MAXIMUM (on 6 mm tape)</td> </tr> </table>	16 LINES MAXIMUM (on 36 mm tape)	13 LINES MAXIMUM (on 24 mm tape)	10 LINES MAXIMUM (on 18 mm tape)	6 LINES MAXIMUM (on 12 mm tape)	4 LINES MAXIMUM (on 9 mm tape)	3 LINES MAXIMUM (on 6 mm tape)	<ul style="list-style-type: none"> Reduce the number of lines or install a wider tape.
16 LINES MAXIMUM (on 36 mm tape)								
13 LINES MAXIMUM (on 24 mm tape)								
10 LINES MAXIMUM (on 18 mm tape)								
6 LINES MAXIMUM (on 12 mm tape)								
4 LINES MAXIMUM (on 9 mm tape)								
3 LINES MAXIMUM (on 6 mm tape)								
MEMORY FULL!	<ul style="list-style-type: none"> This message appears if you try to store a text file after the maximum number of characters has already been stored in the memory. 	<ul style="list-style-type: none"> Delete an unwanted file to make space for the new one. 						
NO FILES!	<ul style="list-style-type: none"> This message appears if no files are stored in the memory when you try to recall, delete or print one. 	<ul style="list-style-type: none"> Store a text file before trying to recall, delete or print one. 						
OVERFLOW!	<ul style="list-style-type: none"> This message appears if the result of the conversion with the Euro conversion function exceeds 10 digits. 	<ul style="list-style-type: none"> Change the euro conversion setup so that the result will not exceed 10 digits. 						
REPLACE BATTERIES! (PT-9600 only)	<ul style="list-style-type: none"> This message appears when the installed Ni-MH battery is about to run out, or when the battery has reached a high voltage. 	<ul style="list-style-type: none"> Replace the battery or use the AC adapter. 						
SET 6mm!	<ul style="list-style-type: none"> This message appears if a 6-mm-wide tape cassette is not installed when printing an Auto format template created for 6-mm-wide tape. 	<ul style="list-style-type: none"> Install a 6-mm-wide tape cassette. 						

ERROR MESSAGE LIST

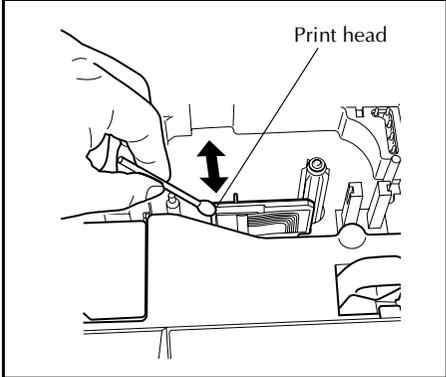
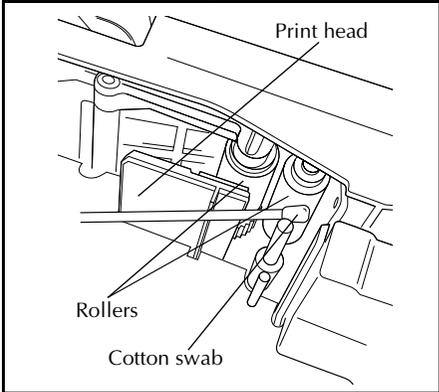
ERROR MESSAGE	CAUSE	SOLUTION
SET 9mm!	<ul style="list-style-type: none"> This message appears if a 9-mm-wide tape cassette is not installed when printing an Auto format template created for 9-mm-wide tape. 	<ul style="list-style-type: none"> Install a 9-mm-wide tape cassette.
SET 12mm!	<ul style="list-style-type: none"> This message appears if a 12-mm-wide tape cassette is not installed when printing an Auto format template created for 12-mm-wide tape. 	<ul style="list-style-type: none"> Install a 12-mm-wide tape cassette.
SET 18mm!	<ul style="list-style-type: none"> This message appears if a 18-mm-wide tape cassette is not installed when printing an Auto format template created for 18-mm-wide tape. 	<ul style="list-style-type: none"> Install a 18-mm-wide tape cassette.
SET 24mm!	<ul style="list-style-type: none"> This message appears if a 24-mm-wide tape cassette is not installed when printing an Auto format template created for 24-mm-wide tape. 	<ul style="list-style-type: none"> Install a 24-mm-wide tape cassette.
SET 36mm!	<ul style="list-style-type: none"> This message appears if a 36-mm-wide tape cassette is not installed when printing an Auto format template created for 36-mm-wide tape. 	<ul style="list-style-type: none"> Install a 36-mm-wide tape cassette.
SET STAMP-L!	<ul style="list-style-type: none"> This message appears if an 24-mm-wide stamp tape cassette is not installed when printing an Auto format template created for a STAMP L stamp. 	<ul style="list-style-type: none"> Install an 24-mm-wide stamp tape cassette.
SET STAMP-M!	<ul style="list-style-type: none"> This message appears if an 18-mm-wide stamp tape cassette is not installed when printing an Auto format template created for a STAMP M stamp. 	<ul style="list-style-type: none"> Install an 18-mm-wide stamp tape cassette.
TAPE EMPTY!	<ul style="list-style-type: none"> This message appears if no tape cassette is installed when you try to feed the tape, print or use the Layout preview function. 	<ul style="list-style-type: none"> Install a tape cassette and try again.
TAPE END!	<ul style="list-style-type: none"> This message appears if the end of the tape in the cassette has been reached. 	<ul style="list-style-type: none"> Replace the tape cassette.

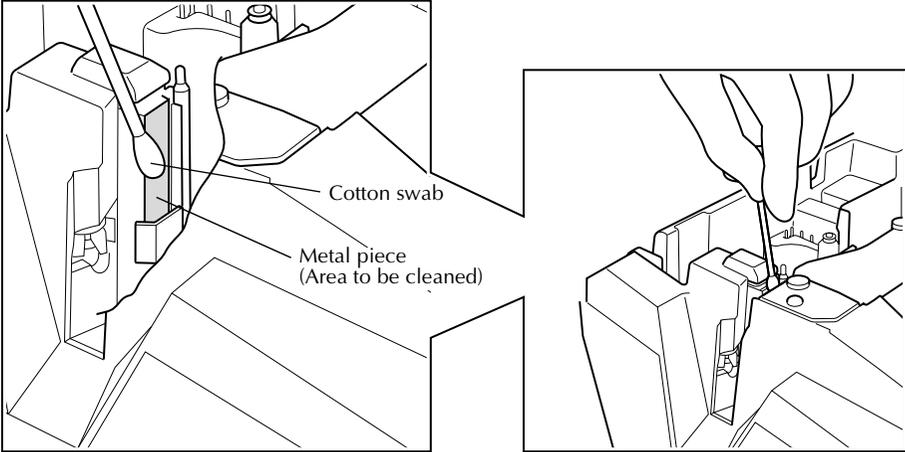
ERROR MESSAGE	CAUSE	SOLUTION
TEXT TOO HIGH!	<ul style="list-style-type: none"> ● This message appears if the size of the text is larger than the width of the installed tape. ● (PT-9600 only) This message appears if the Lines of Text setting for the ESC/P interface mode exceeds the maximum possible for the installed tape. 	<ul style="list-style-type: none"> ● Reduce the size of the characters, install a tape with a greater width or select the AUTO text size setting. ● Specify the correct setting for the installed tape.
TEXT TOO LONG!	<ul style="list-style-type: none"> ● This message appears if the length of the text is longer than the label length that has been set with the Tape length function. ● This message appears if you try to print a label that is longer than the maximum label length. ● This message appears if you try to print a label that is longer than the maximum label length or is longer than the specified block length. ● This message appears if the length of the text is longer than the width of the tape when the Text rotation function is used. 	<ul style="list-style-type: none"> ● Delete some of the text, reduce the character width, or increase the set label length. ● Delete some of the text or reduce the character size.
VALUE OUT OF RANGE! CHECK VALUE AND RE-ENTER.	<ul style="list-style-type: none"> ● This message appears if the value entered while setting the Tape margin, Tape length, Block margin and Block length function is not within the allowable range. ● This message appears if the specified characters cannot be found in the database. ● This message appears if the values for the records to be printed is not within the allowable range. 	<ul style="list-style-type: none"> ● Type in a value that is within the allowable range.
WRONG ADAPTER!	<ul style="list-style-type: none"> ● This message appears if an extremely high-voltage or extremely low-voltage adapter is being used. 	<ul style="list-style-type: none"> ● Disconnect the adapter, and connect the adapter designed exclusively for this machine.
WRONG CHARACTER!	<ul style="list-style-type: none"> ● This message appears if a time stamp or user-defined character image is selected when you try to use the Numbering function. 	<ul style="list-style-type: none"> ● Select text or a barcode before trying to use the Numbering function.

TROUBLESHOOTING

Problem	Solution
<p>(1) The display stays blank after you have turned on the machine, or abnormal characters are displayed.</p>	<ul style="list-style-type: none"> ● Check that the AC adapter is connected. ● Check that the rechargeable Ni-MH battery is properly charged. (PT-9600 only) ● Reset the machine by: <ul style="list-style-type: none"> - (PT-3600) unplugging the AC adaptor, and leaving it unplugged for about one minute, then and plugging it in again - (PT-9600 only) pressing the reset button in the battery compartment at the bottom of the machine <p>☞ The text and formats in the display will be erased and under certain circumstances the entire contents of the memory will be cleared.</p> 
<p>(2) The machine does not print or the printed characters are blurred.</p>	<ul style="list-style-type: none"> ● Check that the tape cassette has been inserted properly. ● If the tape cassette is empty, replace it with a new one. ● Make sure that the tape compartment cover has been closed.
<p>(3) The text is printed on striped tape.</p>	<ul style="list-style-type: none"> ● You have reached the end of the tape in the cassette. Replace it with a new one.
<p>(4) The P-touch is not working correctly.</p>	<ul style="list-style-type: none"> ● Reset the P-touch by turning it off, then while holding down Code and R_e, turning the machine back on. <p>☞ All settings will be reset to their defaults and the entire contents of the memory will be cleared. If it necessary to keep the current settings and stored files, back them up to the computer using the P-touch Backup Manager.</p>

Problem	Solution
(5) The machine has “locked up” (i.e., nothing happens when a key is pressed).	<ul style="list-style-type: none"> ● Reset the machine by: <ul style="list-style-type: none"> - (PT-3600) unplugging the AC adaptor, and leaving it unplugged for about one minute, then and plugging it in again - (PT-9600 only) pressing the reset button in the battery compartment at the bottom of the machine ☞ All text and formats in the display and all text files stored in the memory will be erased.
(6) The half cut is either too deep or not deep enough.	<ul style="list-style-type: none"> ● Follow the procedure on page 53 to adjust how deep laminated tape is cut.

Problem	Solution
<p>(7) A blank horizontal line appears through the text in the printed label.</p>	<ol style="list-style-type: none"> ❶ Turn off the machine, and then disconnect the AC adapter and (for the PT-9600 only) remove the rechargeable battery. ❷ Open the tape compartment cover, then remove the tape cassette if one is installed. The print head and rollers are located in the tape compartment. ❸ Print head: Use a dry cotton swab to gently wipe up and down along the print head.  <p>Print head</p> <p>Rollers: Use a dry cotton swab to wipe up and down along each roller while rotating them with your finger.</p>  <p>Print head</p> <p>Rollers</p> <p>Cotton swab</p> <ol style="list-style-type: none"> ❹ Install a tape cassette, close the tape compartment cover, and then try printing again. ❺ If a blank streak still appears in the printed label, repeat steps ❷ through ❹ using a cotton swab dipped in isopropyl (rubbing) alcohol. <p>If none of the above works, contact your service representative.</p> <p><small>ⓘ</small> <i>The print head can be cleaned more easily if the optional print head cleaning cassette (TZe-CL6) is used.</i></p>

Problem	Solution
<p>(8) The tape is not ejected correctly after being automatically cut.</p> 	<ul style="list-style-type: none">● Turn off the machine, open the tape compartment cover, and remove the tape cassette if one is installed.● Using a cotton swab, clean off the metal piece in the exit slot to the left of cutter.
<p>(9) The cutter does not cut correctly.</p>	<ul style="list-style-type: none">● Change the HALF CUTTER setting. (Refer to page 53.)● The cutter may be dull. Contact your service representative.

MACHINE SPECIFICATIONS

HARDWARE

Power supply:	AC adapter (AD9100ES) (PT-9600 only: Rechargeable Ni-MH battery)
Input device:	Keyboard (PT-9600: 69 keys; PT-3600: 59 keys)
LCD:	24 × 119 dots + Caps, Alt and other indicators (with screen backlight—PT-9600 only)
Print tape:	6 widths available: 6 mm 9 mm 12 mm 18 mm 24 mm 36 mm
Print head:	384 dots (height)/360 dpi (resolution)
Tape cutter:	Automatic full cut Automatic half cut
Dimensions:	237 (W) × 302 (D) × 101 (H) mm
Weight:	2 kg

SOFTWARE

Character fonts:	10 built-in fonts (Helsinki, Brussels, US, San Diego, Florida, Brunei Bold, Los Angeles, Bermuda Script, Istanbul and Letter Gothic)
Character sizes:	AUTO plus 24 point sizes (4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 18, 20, 22, 24, 28, 32, 36, 40, 48, 56, 64, 72 and 76 points)
Character styles:	Normal, Bold, Outline, Solid, Shadow, Invert, Italic, and Vertical
Buffer size:	Maximum 1.0-meter line of text Maximum 16 lines Maximum 50 blocks
Memory size:	Approximately 10,000 characters

Appendix

Symbols ⇨ p. 18

The following symbols are available.

Category	Symbols													
PUNCTUATION (A01-A18)	•	+	×	÷	±	=	\	§	¶	®	©	™	¿	¡
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	@	#	&	—										
15	16	17	18											
BRACKET (B01-B08)	[]	{	}	<	>	«	»						
	1	2	3	4	5	6	7	8						
ARROW (C01-C14)	→	←	↑	↓	➔	➜	⬆	⬇	↔	↔	☞	☜	☝	☞
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
UNIT (D01-D26)	°	\$	Fr	¥	f	£	DM	Pts	Kr	in.	mm	cm	km	kg
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	gm	cc	ℓ	°F	°C	oz.	lb.	ft.	zł	Pf	€	¢		
15	16	17	18	19	20	21	22	23	24	25	26			
LETTER (E01-E14)	á	ó	ß	Š	α	β	γ	δ	μ	Ω	Ð	ð	Þ	þ
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NUMBER (F01-F40)	1/2	1/3	1/4	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	~
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	±	-	+	0	1	2	3	4	5	6	7	8	9	±
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
	-	+	0	1	2	3	4	5	6	7	8	9		
29	30	31	32	33	34	35	36	37	38	39	40			
PICTOGRAPH (G01-G14)	★	○	●	□	△	♠	♥	♦	♣	×	+	!	♪	☠
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
ELECTRICAL (H01-H18)	↘	~	≡	⎓	⏏	⏏	⏏	⏏	⏏	⏏	⏏	⏏	⏏	⏏
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	⏏	⏏	⏏	⏏										
15	16	17	18											

Appendix

Category	Symbols													
PROHIBITION (I01-I29)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
29														
WARNING (J01-J42)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36	37	38	39	40	41	42	
MANDATORY (K01-K19)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19										
FIRE (L01-L08)														
	1	2	3	4	5	6	7	8						
TRANSPORT (M01-M13)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	
EMERGENCY (N01-N06)														
	1	2	3	4	5	6								
INFORMATION (O01-O43)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31	32	33	34	35	36	37	38	39	40	41	42	
43														

Appendix

Category	Symbols													
OTHER SIGNS (P01-P12)														
	1	2	3	4	5	6	7	8	9	10	11	12		
VIDEO (Q01-Q09)														
	1	2	3	4	5	6	7	8	9					
OFFICE (R01-R44)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
	29	30	31	32	33	34	35	36	37	38	39	40	41	42
43	44													
GENERAL (S01-S27)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27		
GARDENING (T01-T14)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
VEHICLES (U01-U13)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	
OCCASIONS (V01-V18)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18											

☞ 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.

Special barcode characters ⇨ p. 19

The following special characters can only be added to barcodes created using types **CODE39** or **CODABAR**.

Value	Character
1	+
2	\$

The following special characters can only be added to barcodes created using types **EAN128** and **CODE128**.

Value	Character	Value	Character	Value	Character
3	#	69	ENQ	87	ETB
4	\$	70	ACK	88	CAN
11	+	71	BEL	89	EM
28	<	72	BS	90	SUB
29	=	73	HT	91	ESC
30	>	74	LF	91	{
32	@	75	VT	92	FS
59	[76	FF	92	
60	\	77	CR	93	CS
61]	78	SO	93	}
62	^	79	SI	94	RS
63	_	80	DLE	94	~
64	NUL	81	DC1	95	US
64	`	82	DC2	95	DEL
65	SOH	83	DC3	96	FNC3
66	STX	84	DC4	97	FNC2
67	ETX	85	NAK	100	FNC4
68	EOT	86	SYN	102	FNC1

Fonts ⇨ p. 26

The following fonts are available.

HELSINKI	BRUNEI BOLD
BRUSSELS	LOS ANGELES
US	<i>BERMUDA SCRIPT</i>
SAN DIEGO	ISTANBUL
FLORIDA	LETTER GOTHIC

☞ Letter Gothic (**L. GOTHIC**) is a fixed pitch font (all characters use a fixed amount of space), as opposed to all of the other fonts, which are proportional (characters use different amounts of space).

Appendix

Sizes and widths ⇨ pp. 26 & 27

Samples of some available text sizes and widths are shown below.

Width Size	WIDE	NORMAL	NARROW	NARROWEST
76 points	ABC	ABC	ABC	ABC
72 points	ABC	ABC	ABC	ABC
64 points	ABC	ABC	ABC	ABC
56 points	ABC	ABC	ABC	ABC
48 points	ABC	ABC	ABC	ABC
40 points	ABC	ABC	ABC	ABC
36 points	ABC	ABC	ABC	ABC
32 points	ABC	ABC	ABC	ABC
28 points	ABC	ABC	ABC	ABC
24 points	ABC	ABC	ABC	ABC
22 points	ABC	ABC	ABC	ABC
20 points	ABC	ABC	ABC	ABC
18 points	ABC	ABC	ABC	ABC
16 points	ABC	ABC	ABC	ABC
14 points	ABC	ABC	ABC	ABC
12 points	ABC	ABC	ABC	ABC
11 points	ABC	ABC	ABC	ABC
10 points	ABC	ABC	ABC	ABC
9 points	ABC	ABC	ABC	ABC
8 points	ABC	ABC	ABC	ABC

Width Size	WIDE	NORMAL	NARROW	NARROWEST
7 points	ABC	ABC	ABC	ABC
6 points	ABC	ABC	ABC	ABC
5 points	ABC	ABC	ABC	ABC
4 points	ABC	ABC	ABC	ABC

- ☞ If the **4 point** or **5 point** text size setting is selected, the text will be printed with the **BRUSSELS** font setting, regardless of the font setting that is selected.
- ☞ Characters printed using the smaller sizes may be difficult to read if certain style settings are selected.
Small characters may appear faint when they are printed.

Type styles ⇨ pp. 28 & 29

Style1 setting	NORMAL	BOLD	OUTLINE	SOLID	SHADOW	INVERT
Style2 setting	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
Helsinki	ABC	ABC	ABC	ABC	ABC	ABC
Brussels	ABC	ABC	ABC	ABC	ABC	ABC
US	ABC	ABC	ABC	ABC	ABC	ABC
San Diego	ABC	ABC	ABC	ABC	ABC	ABC
Florida	ABC	ABC	ABC	ABC	ABC	ABC
Brunei Bold	ABC	ABC	ABC	ABC	ABC	ABC
Los Angeles	ABC	ABC	ABC	ABC	ABC	ABC
Bermuda Script	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>
Istanbul	ABC	ABC	ABC	ABC	ABC	ABC
Letter Gothic	ABC	ABC	ABC	ABC	ABC	ABC

Style1 setting	NORMAL	BOLD	OUTLINE	SOLID	SHADOW	INVERT
Style2 setting	ITALIC	ITALIC	ITALIC	ITALIC	ITALIC	ITALIC
Helsinki	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>
Brussels	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>
US	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>
San Diego	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>
Florida	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>
Brunei Bold	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>
Los Angeles	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>

Style1 setting	NORMAL	BOLD	OUTLINE	SOLID	SHADOW	INVERT
Style2 setting	ITALIC	ITALIC	ITALIC	ITALIC	ITALIC	ITALIC
Bermuda Script	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>	<i>ABC</i>
Istanbul	ABC	ABC	ABC	ABC	ABC	ABC
Letter Gothic	ABC	ABC	ABC	ABC	ABC	ABC

☞ The **VERTICAL** style setting can be combined with all Style1 text styles (**NORMAL**, **BOLD**, **OUTLINE**, **SOLID**, **SHADOW** and **INVERT**).

☞ The **VERTICAL** style setting cannot be combined with the **ITALIC** style setting.

Framing and shading patterns ⇨ p. 30

The following frame and shading patterns are available.

Set-ting	Sample	Set-ting	Sample	Set-ting	Sample
1		11		21	
2		12		22	
3		13		23	
4		14		24	
5		15		25	
6		16		26	
7		17		27	
8		18		28	
9		19		29	
10		20		30	

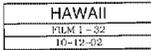
Pre-set templates ⇨ p. 37

Samples of the available templates are shown below.

No.	Template name	Tape width	Label length	Sample
1	ADDRESS-1	24 mm	80 mm	<p>ABC Import/Export 29 Main Street Fulton, Cambs CB8 67 Tel.: 012.345.6789</p>
2	ADDRESS-2	24 mm	78 mm	<p>ABC Import/Export 29 Main Street Fulton, Cambs CB8 67</p>
3	ADDRESS-3	24 mm	104 mm	<p>Robert Becker ABC Import/Export 29 Main Street Fulton, Cambs CB8 67</p>
4	ADDRESS-4	36 mm	86 mm	<p>Robert Becker ABC Import/Export 29 Main Street Fulton, Cambs CB8 67 Tel.: 012.345.6789</p>
5	ASSET	24 mm	84 mm	<p>ABC Import/Export Division II  0 1 2 5 0 2 10 5 4 0 0 9</p>
6	WALLPLATE	36 mm	186 mm	<p>◆ STUDIO 3 ◆</p>
7	NAMEBADGE-1	24 mm	102 mm	<p>Robert Becker ABC Import/Export</p>
8	NAMEBADGE-2	36 mm	98 mm	<p>ABC Import/Export Division II Robert Becker</p>
9	NAMEBADGE-3	18 mm	102 mm	<p>Robert Becker ABC Import/Export</p>
10	SALE	36 mm	AUTO	<p>WINTER SALE 50% OFF</p>

Appendix

No.	Template name	Tape width	Label length	Sample
11	PRICE-1	24 mm	57 mm	CAMERA €149
12	PRICE-2	24 mm	110 mm	CAMERA SPECIAL €149 → €119
13	SIGN	36 mm	114 mm	DANGER!  900 V
14	FLOPPY-1	24 mm	70 mm	10-12-02 ABC Import/Export Robert Becker
15	FLOPPY-2	24 mm	70 mm	 Robert Becker 10-12-02 Division II
16	FLOPPY-3	36 mm	70 mm	Robert Becker Division II 10-12-02
17	VCR VHS-1	18 mm	140 mm	 BASKETBALL Indianapolis 120 min Standard 10-12-02
18	VCR VHS-2	18 mm	140 mm	 JAZZ - Concert 90 min Standard 10-12-02
19	VCR 8mm-1	9 mm	73 mm	 Robert Party 10-12-02 Standard
20	VCR 8mm-2	12 mm	92 mm	 JAZZ Concert
21	VCR VHSC	18 mm	81 mm	 Anne & Robert RECEPTION 30 min Standard 10-12-02

No.	Template name	Tape width	Label length	Sample
22	AUDIO-1	9 mm	89 mm	 Oldies I
23	AUDIO-2	9 mm	89 mm	 R. Becker Best Of
24	AUDIO-3	9 mm	89 mm	 Oldies II
25	SLIDE	12 mm	42 mm	 HAWAII FILM 1-32 10-12-02
26	FILE-1	36 mm	200 mm	 02 PRESENTATION CONFERENCE ABC
27	FILE-2	24 mm	190 mm	 PRESENTATION CONFERENCE 2002
28	STAMP NORMAL-L	STAMP L (24mm)	115 mm	FAXED
29	STAMP NORMAL-M	STAMP M (18mm)	105 mm	FAXED
30	STAMP 2LINE-L	STAMP L (24mm)	115 mm	 RECEIVED Date: / /
31	STAMP VERTICAL-M	STAMP M (18mm)	105 mm	LL < X W D

Template text styles ⇨ p. 37

Samples of the available template text styles are shown below.

CHAR. style	Sample	Font	Style
ORIGINAL	Bill Reynolds ABC INTERNATIONAL INC.	Template default	
ITALIC	<i>Bill Reynolds</i> ABC INTERNATIONAL INC.	Template default	ITALIC
DYNAMIC	Bill Reynolds ABC INTERNATIONAL INC.	ISTANBUL	SOLID
ARTISTIC	Bill Reynolds ABC INTERNATIONAL INC.	FLORIDA	OUTLINE
FORMAL	<i>Bill Reynolds</i> ABC INTERNATIONAL INC.	BRUSSELS	ITALIC
ELEGANT	Bill Reynolds ABC INTERNATIONAL INC.	US	NORMAL
NATURAL	Bill Reynolds ABC INTERNATIONAL INC.	SAN DIEGO	NORMAL

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