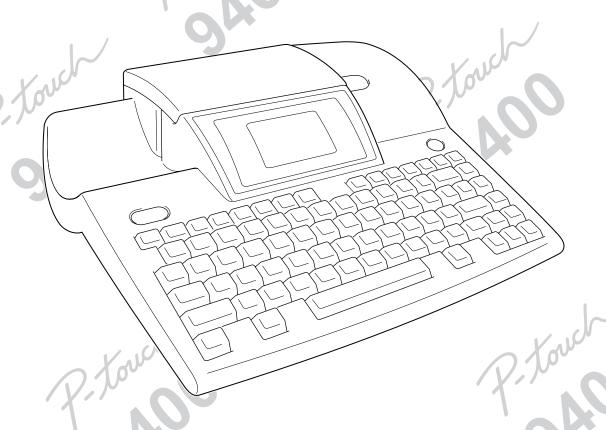
# P-touch 9400 USER'S GUIDE





- 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- and stamp-making quick and easy.

Installing the P-touch Editor software on your computer will provide you with many more illustration and layout tools to design labels, which can then be printed on your P-touch.

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.

#### **Declaration of Conformity**

We, Brother International Europe Ltd.

**Brother House** 

1 Tame Street

Audenshaw

Manchester M34 5JE

U.K.

declare that this product conforms with the following normative documents:

Safety: EN 60950

EMC: EN 55022 Class B

EN 50082-1

and follow the provisions of the Low Voltage Directive 73/23/EEC and the Electromagnetic Compatibility Directive 89/336/EEC (as amended by 91/263/EEC and 92/31/EEC).

Issued by: Brother International Europe Ltd.

**European Technical Services** 

Division

The enclosed interface cable should be used in order to ensure compliance with the limits for EMC.

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# QUICK REFERENCE

Entering text	
Adding a space	Space bar
Adding an uppercase letter	+ desired character
Adding a series of uppercase letters	
Adding an accented character	
Adding a symbol	a) $\xrightarrow{\text{Symbol}} \rightarrow \stackrel{\uparrow}{\underline{T}}$ or $\stackrel{\downarrow}{\underline{L}}$ to select <b>CATALOGUE NO.</b> $\rightarrow \stackrel{\longleftarrow}{\mathbb{N}_{\text{New Block}}} \rightarrow \stackrel{\uparrow}{\underline{T}}$ or $\stackrel{\downarrow}{\underline{L}}$ to select
	(or type) symbol number $\rightarrow \begin{array}{c} \leftarrow \\ \searrow \\ \searrow \\ \searrow \\ \searrow \end{array}$
	b) $\stackrel{\text{Symbol}}{\longrightarrow} \rightarrow \stackrel{\uparrow}{\mathbb{T}}$ or $\stackrel{\downarrow}{\underline{\mathbb{L}}}$ to select symbol category $\rightarrow \stackrel{\longleftarrow}{\longleftarrow}$ $\rightarrow \stackrel{\longleftarrow}{\longleftarrow}$ , $\stackrel{\rightarrow}{\longleftarrow}$ , $\stackrel{\uparrow}{\longleftarrow}$ or $\stackrel{\downarrow}{\underline{\mathbb{L}}}$
	to select symbol number $\rightarrow \begin{array}{c} \longleftarrow \\ \stackrel{New Block}{\longrightarrow} \end{array}$
Adding a new line	New Block
Adding a new block	◆ + ← New Block
Adding a barcode	$\xrightarrow{\text{Barcode}} \rightarrow \text{Type barcode data} \rightarrow \xrightarrow[\text{New Block}]{\longleftarrow}$
Adding a special character to the barcode	$\begin{array}{c} \begin{array}{c} \\ \\ \\ \end{array} \end{array} \begin{array}{c} \\ \\ \end{array} $
Changing a barcode parameter	
	$\left( egin{array}{c} igcup_{ m New Block} \end{array}  ight)  ightarrow \left( egin{array}{c} igcup_{ m New Block} \end{array}  ight)$
Editing text	

0	
Zooming in and out	Zoom Image
Deleting text	© Clear
Clearing all of the text and formats	
Clearing only the text	
Selecting an area of the text	$ \stackrel{\text{Area}}{\underset{\text{Al}}{\longrightarrow}} \rightarrow \stackrel{\longleftarrow}{\underset{\text{K-l}}{\longleftarrow}}, \stackrel{\rightarrow}{\underset{\text{H-M}}{\longrightarrow}}, \stackrel{\uparrow}{\underset{\text{T}}{\longleftarrow}} \text{ or } \stackrel{\downarrow}{\underset{\text{L}}{\longleftarrow}} \text{ to select text} $
Selecting all of the text	t Area Al
Copying text	$ \stackrel{\text{\tiny Anns}}{\underset{\text{\tiny Al}}{\longrightarrow}} \rightarrow \stackrel{\longleftarrow}{\underset{\text{\tiny [E-1]}}{\longleftarrow}} , \stackrel{\rightarrow}{\underset{\text{\tiny [E-1]}}{\longrightarrow}} , \stackrel{\uparrow}{\underset{\text{\tiny [E-1]}}{\longleftarrow}} \text{ or } \stackrel{\downarrow}{\underset{\text{\tiny L}}{\longleftarrow}} \text{ to select text} \rightarrow \stackrel{\text{\tiny Copy}}{\underset{\text{\tiny BPosts}}{\longleftarrow}} $
Pasting text	$Copy\;text\to \biguplus^{\leftarrow}_{\!$
	$OK  o igwidghtarrow igwedge_{New Block}$

#### Formatting text

Formatting text	
Changing the font	Font
Changing the character size	Size
Changing the character width	Width
Changing the character style	Style
Changing the italic set- ting	Raic
Changing the line effects	(A/A)
Changing the vertical printing setting	Vert
Changing the label length	
	New Block
Changing the margins	
Changing the horizontal alignment	
Changing the pitch	
Changing the back- ground	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
	b) $\stackrel{\text{Formal}}{\longrightarrow} \rightarrow \stackrel{\uparrow}{\mathbb{T}}$ $\stackrel{\downarrow}{\underline{\mathbb{L}}}$ :lect ${}$ BACK $\rightarrow \stackrel{\uparrow}{\longmapsto} \rightarrow \stackrel{\uparrow}{\mathbb{T}}$ or $\stackrel{\downarrow}{\underline{\mathbb{L}}}$ to select SMALL or LARGE $\rightarrow$
	$\biguplus_{NewBlock} \to type\;text \to \biguplus_{Font} to\;select\;font\;and\;\biguplus_{NewBlock} \to \biguplus_{NewBlock} \to$
Using a template	
Creating a label or stamp from a template	a) $\xrightarrow{\lceil \text{empR} \rceil} \rightarrow \xrightarrow{\lceil \frac{1}{2} \rceil} \cdot \text{lect}$ <b>CATALOGUE NO.</b> $\rightarrow \leftarrow \leftarrow \rightarrow \leftarrow \rightarrow \leftarrow \rightarrow \rightarrow \leftarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow $
	type) template number $\rightarrow \bigoplus_{\text{New Block}} \rightarrow \text{Type line of text and } \bigoplus_{\text{New Block}} \rightarrow \text{Continue with } \bullet$ ,
	②, ③, ④ or ⑤ b)
	template number $\rightarrow \bigoplus_{\text{New Block}} \rightarrow \text{Type line of text and } \bigoplus_{\text{New Block}} \rightarrow \text{Continue with } \bigcirc, \bigcirc, \bigcirc,$
	<b>4</b> or <b>5</b>
Changing the style of the template	$ \uparrow  \text{or } \downarrow  \text{to select CHANGE STYLE} \rightarrow \downarrow  \downarrow  \text{New Block}  \rightarrow \downarrow  \uparrow  \text{or } \downarrow  \text{to select setting} $ $ \rightarrow  \downarrow  \downarrow  \text{to select setting} $ $ \rightarrow  \downarrow  \downarrow  \text{New Block}  \rightarrow  \downarrow  \downarrow  \text{to select setting} $
Editing the template text	$ \uparrow_{\underline{T}} \text{ or } \downarrow_{\underline{L}} \text{ to select } \mathbf{CONTINUE} \rightarrow \bigvee_{\text{New Block}} \rightarrow \text{Change the text} \rightarrow \bigvee_{\text{New Block}} $
Printing a template other than one from the STAMP category	$ \uparrow_{\underline{\mathbb{T}}} \text{ or } \downarrow_{\underline{\mathbb{L}}} \text{ to select } \mathbf{PRINT} \to \downarrow_{\text{New Block}} \to \uparrow_{\underline{\mathbb{T}}} \qquad \downarrow_{\underline{\mathbb{L}}} \text{:lect} \qquad \mathbf{OK} \to \downarrow_{\text{New Block}} $

•	Printing many copies while increasing selected text	$ \uparrow_{\underline{T}} \text{ or } \downarrow_{\underline{L}} \text{ to select NUMBER} \rightarrow \downarrow_{\underline{H}} \rightarrow \downarrow_{\underline{L}} \rightarrow \downarrow_{\underline{L}}, \ \uparrow_{\underline{T}} \text{ or } \downarrow_{\underline{L}} \text{ to select start of numbering field} \rightarrow \downarrow_{\underline{New Block}} \rightarrow \uparrow_{\underline{L}} \text{ to select end of numbering field} \rightarrow \uparrow_{\underline{New Block}} \rightarrow \uparrow_{\underline{T}} \text{ or } \downarrow_{\underline{L}} \text{ to select (or type) number} \rightarrow \downarrow_{\underline{New Block}} \rightarrow \uparrow_{\underline{T}} \text{ or } \downarrow_{\underline{L}} \text{ to select (or type) number} \rightarrow \downarrow_{\underline{New Block}} \rightarrow \uparrow_{\underline{T}} \text{ or } \downarrow_{\underline{L}} \text{ to select (or type) number} \rightarrow \downarrow_{\underline{New Block}} \rightarrow \uparrow_{\underline{T}} \text{ or } \downarrow_{\underline{L}} \text{ to select (or type) number} \rightarrow \downarrow_{\underline{New Block}} \rightarrow \uparrow_{\underline{T}} \text{ or } \downarrow_{\underline{L}} \text{ to select (or type) number} \rightarrow \downarrow_{\underline{New Block}} \rightarrow \uparrow_{\underline{T}} \text{ or } \downarrow_{\underline{L}} \text{ or } \downarrow_{L$
8	Printing a mirror image of the text	$ \uparrow \text{ or } \downarrow \downarrow \text{ to select MIRROR} \rightarrow \uparrow \rightarrow \uparrow \text{ or } \downarrow \downarrow \text{ to select ON} \rightarrow \downarrow \downarrow \downarrow \text{ New Block} $
9	Inverting the printed and unprinted areas	$ \uparrow \text{ or } \downarrow \downarrow \text{ to select INVERT} \rightarrow \uparrow \uparrow \text{ or } \downarrow \downarrow \downarrow \text{ to select ON} \rightarrow \downarrow \downarrow \downarrow \downarrow \downarrow $
0	Changing the shape of the text	$ \uparrow \text{ or } \downarrow \downarrow \text{ to select TRANSFORM} \rightarrow \uparrow \rightarrow \uparrow \text{ or } \downarrow \downarrow \text{ to select setting} \rightarrow \downarrow \uparrow \text{ New Block} $
•	Changing how labels are cut	$ \uparrow \text{ or } \downarrow \downarrow \text{ to select CUT} \rightarrow \downarrow \downarrow \downarrow \text{ or } \downarrow \downarrow \downarrow \text{ to select setting} \rightarrow \downarrow \uparrow \downarrow \downarrow \downarrow \text{ to select setting} \rightarrow \downarrow \uparrow \downarrow \downarrow$
12	Enlarging text and printing it on 2, 3 or 4 labels	$ \uparrow \text{ or } \downarrow \downarrow \text{ to select SPLIT} \rightarrow \uparrow \rightarrow \uparrow \text{ or } \downarrow \downarrow \text{ to select setting} \rightarrow \downarrow \downarrow \downarrow \text{ New Block} $

# Chapter 1

# Before You Start

1

# **EXAMPLES OF WHAT YOU CAN**

Quickly create a label for a home video by using the **Template** function (⇒ p. 57). If you wish, you can then change the overall style of the text (⇒ p. 58).



# Robert's 10th Birthday

At the lake

ള്ള തിരം

STANDARD

29 Dec. 1999

With the **New Block** function (⇒ p. 27), your labels can contain sections with different numbers of lines. In this label, part of the text was formatted using a different font (\$\rightarrow\$ p. 40) and a different style (\$\rightarrow\$ p. 43). In addition, the **Barcode** function makes creating and printing barcodes easy.



**ABC Transport** 1 Main St. Fulton, Cambs CB2 19T



Decorate your text using the many frames and shadings (⇒ p. 47). Then, just before printing, use the **TRANSFORMATION** function (⇒ p. 69) to change the shape of the text.





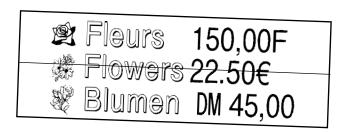
Use the **NUMBER** (numbering) function (\$\Rightarrow\$ p. 65) to print several numbered labels at one time, without changing the text for each label. You can also invert the printing to make the light parts dark and the dark parts light (⇒ p. 68).

# MAKE WITH THIS P-TOUCH



With the **Area** function (⇒ p. 38), you can select certain parts of the text and change their font, size and style (⇒ p. 40–47). Give your label a different look by adding one of the 13 different background designs (⇒ p. 55). The **[SMALL]** and **[LARGE]** background settings allow you to create your own background design.

Create larger labels by enlarging the text and printing it on two, three or four labels, which can then be put together (⇒ p. 71). With the currency conversion function, you can quickly convert a price into a different currency (⇒ p. 31). In addition, you can decorate your label using the 475 symbols and pictures available with the **Symbol** function (⇒ p. 27).



Using clear tape and the MIR-ROR function (⇒ p. 67) to print in reverse, this sign for a glass door can be read from the adhesive side. In this example, a warning symbol was added (Symbol function ⇒ p. 27), and the entire text was framed using the Frame/Shading function (⇒ p. 47). In addition, the label was printed vertically using the Vertical function (⇒ p. 46).

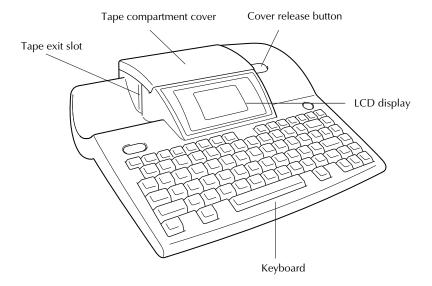


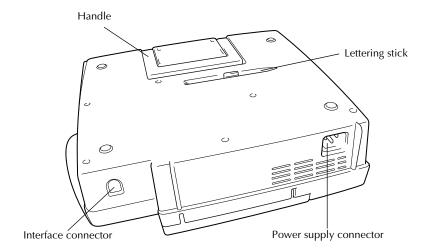
	***	
0	8-12	2-6
Studio 1	Paul	Robert
Studio 2	Robert	Paul

Create a table using the **Frame/ Shading** function (⇒ p. 47) to put a box around each line of each block in the text. Then, use the **Area** function (⇒ p. 38) to format the headings of the table.

# GENERAL DESCRIPTION

### **Features**





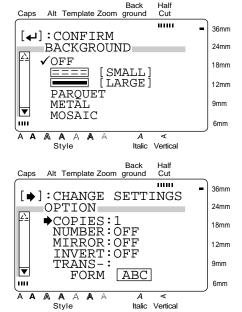
4

#### LCD display

- Caps indicator ⇒ p. 25
- ② Alt indicator ⇒ p. 25
- ③ Template indicator ⇒ p. 57
- ④ Zoom indicator ⇒ p. 36
- ⑤ Background indicator ⇒ p. 55
- ⑥ Half cutter indicator ⇒ p. 70
- (7) Font setting ⇒ p. 40
- 8 Tape width indicator ⇒ p. 11

- ⑨ Tape length setting ⇒ p. 52
- Margin setting ⇒ p. 53
- ① Cursor ⇒ p. 24
- Style setting indicator ⇒ p. 43
- (3) Italic setting indicator ⇒ p. 44
- (4) Vertical printing indicator ⇒ p. 46
- (5) Character size setting ⇒ p. 41

#### Menus

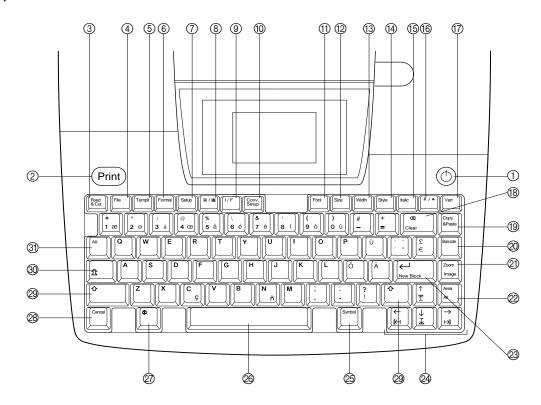


The colour of the arrows on the ends of the scroll bar shows whether or not more settings are available. When the arrows are light (☒ and ☒), no more settings are available. When the arrows are dark (☒ and ☒), more settings can be seen by pressing ţ ☐ ☐ ☐ nove ✓ or → up or down.

In menus where  $\checkmark$  appears beside a setting or function, pressing  $\begin{picture}(60,0) \put(0,0){\line(1,0){100}} \put(0,0$ 

In menus where  $\rightarrow$  appears beside a function, pressing  $\rightarrow$  plays the menu for the selected function. On the other hand, pressing  $\leftarrow$  confirms all of the settings displayed in the menu.

#### Keyboard



- ① (power supply) key ⇒ p. 12
- ② Print key ⇒ p. 64
- ③ Feed & Cut key ⇒ p. 64
- ④ File key ⇒ p. 61
- ⑤ Templt (template) key ⇒ p. 57
- ⑥ Format key ⇒ p. 52
- ⑦ Setup key **⇒** p. 73
- ⑨ Interface key ⇒ p. 12
- ① Font key ⇒ p. 40
- ① Size key ⇒ p. 41
- (3) Width key ⇒ p. 42
- (4) Style key ⇒ p. 43
- (15) Italic key ⇒ p. 44
- (16)  $\underline{A}$  /  $\underline{A}$  (line effects) key ⇒ p. 45
- ⑦ Vert (vertical) key ⇒ p. 46

- (®) Back Space key ⇒ p. 37Clear function ⇒ p. 37
- (9) Copy & Paste key ⇒ p. 39
- Barcode key 
   p. 29
- ② Zoom key ⇒ p. 36 Image function ⇒ p. 64
- ② Area key ⇒ p. 38All function ⇒ p. 39
- ② ← (enter) key ⇒ p. 24 & 27 New Block function ⇒ p. 27
- ②4 Cursor keys ⇒ p. 24
- ② Symbol key ⇒ p. 27
- ② Space bar ⇒ p. 25
- ② Code key ⇒ p. 24
- ② Cancel key ⇒ p. 24
- ② Shift key ⇒ p. 25
- ③ Caps key ⇒ p. 25
- ③ Alt key ⇒ p. 25

6

# ettina Started

# Chapter **2**

# Getting Started

# **PRECAUTIONS**

- Use only Brother TZ tapes with this machine. Do not use tapes that do not have the mark.
- Before installing a tape cassette, be sure that the tape is correctly fed under the tape guides.
- Do not pull on the tape being fed from the P-touch. Doing so may damage the tape cassette.
- 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 humidity.
- Do not leave any rubber or vinyl on the machine for an extended period of time. Doing so may cause staining.
- 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 power supply cord designed exclusively for this machine. Use of any other cord will void the warranty.
- When the machine is not being used for a long period of time, disconnect the power supply cord.
- A blank horizontal line appearing in a printed label may indicate that there is dust on the print head. Clean the print head by gently wiping up and down along the print head with a dry cotton swab. For more details, see page 89.
- Never try to disassemble the P-touch.

# Connecting the power supply cord

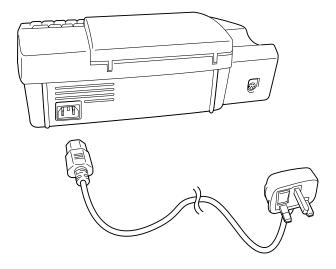
This P-touch can be used anywhere a standard electrical outlet is available.

- 1 Insert the plug on the end of the power supply cord into the power supply connector on the back of the P-touch.
- 2 Insert the pronged plug on the other end of the power supply cord into an AC outlet.

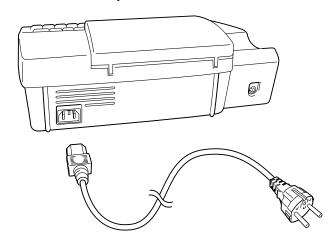
#### NOTE

Only use the power supply cord designed exclusively for this machine.

#### For the UK and Ireland



#### For continental Europe



#### For UK and Ireland

#### **IMPORTANT - Wiring Information**

If the power cord supplied with this product is not suitable for your electrical outlet, remove the plug from the mains cord and fit an appropriate three pin plug. If the replacement plug is intended to take a fuse, then fit the same fuse as the original.

If a moulded plug is severed from the power cord, then it should be destroyed because a plug with cut wires is dangerous if plugged into a live socket outlet. Do not leave it where a child might find it.

In the event of replacing the plug fuse, fit a fuse approved by ASTA to BS1362 with the same rating as the original fuse.

Always replace the fuse cover. Never use a plug with the cover omitted.

#### WARNING - THIS PRODUCT MUST BE PROPERLY EARTHED.

This wires in the mains cord are coloured in accordance with the following code:

Green and yellow: Ground
Blue: Neutral
Brown: Live

The colours of the wiring in the power lead of this product may not correspond with the markings which identify the terminals in your plug. If you need to fit a different plug, proceed as follows.

Remove a length of the cord's outer sheath, taking care not to damage the coloured insulation of the wires inside.

Cut each of the three wires to the appropriate length. If the construction of the plug permits, leave the green and yellow wire longer than the others so that, in the event that the cord is pulled out of the plug, the green and yellow wire will be the last to disconnect.

Remove a short section of the coloured insulation to expose the wires.

The wire coloured green and yellow must be connected to the terminal in the plug marked with the letter "E" or by the earth symbol, or coloured green or green and yellow.

The wire coloured blue must be connected to the terminal marked with the letter "N" or coloured black or blue.

The wire coloured brown must be connected to the terminal marked with the letter "L" or coloured red or brown.

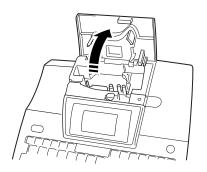
The outer sheath of the cord must be secured inside the plug. The coloured wires should not hang out of the plug.

If in any doubt, consult a qualified electrician.

# Installing a TZ tape cassette

A TZ tape cassette is supplied with this P-touch. TZ tape cassettes are available for this machine in a wide variety of colours and sizes, making it possible to make distinctive colour-coded and stylised labels. In addition, this machine has been designed to allow you to change the tape cassettes quickly and easily.

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

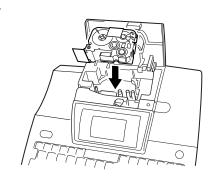


- 2 If a tape cassette is already installed and you wish to replace it, remove it by pulling it straight out.
- If the ink ribbon is loose in the tape cassette to be installed, use your finger to wind the toothed wheel in the direction of the arrow on the cassette until there is no slack in the ribbon.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

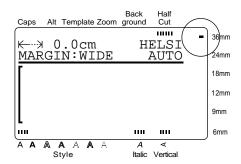
Insert the tape cassette firmly into the compartment, making sure that the entire back of the cassette touches the bottom of the compartment.

#### NOTE

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



6 Close the compartment cover and press the power supply key ( ( ) ) 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 right edge of the display.



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

## Connecting to the computer

This machine is equipped with an interface connector, which allows you to print labels and stamps that you create with the P-touch Editor software installed on your IBM PC-compatible computer and Macintosh.

#### NOTE

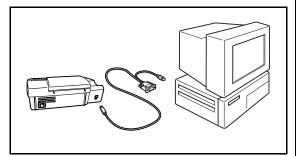
Only the US English version of the P-touch Editor software for the Mac is available.

- 1 Turn off both the P-touch and the computer.
- Insert the small plug on the interface cable into the interface connector on the back of the P-touch.

#### NOTE

Only use the interface cable designed exclusively for this machine.

- **3** Insert the 9-pin connector into the serial (COM) port of your computer and tighten the screws to lock it into place.
- **4** Turn on the P-touch, and then start up the computer.
- **6** Press on the P-touch to enter Interface mode.



## Turning on & off the P-touch

The power supply key ( ( ) is located in the top right corner of the machine's keyboard. This P-touch will automatically turn off if no key is pressed or no operation is performed for 30 minutes. In addition, if it has remained plugged in, the previous session's text is displayed when you turn it on again.

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

## **Installing P-touch Editor**

Installing the P-touch Editor software and printer driver adds even more illustration and layout features to the label-making possibilities available with the many functions of your P-touch.

#### NOTE

Since the P-touch Editor software can be used with both the PT-9400 and the PT-9200PC, the illustrations in the printer screens may not always match your model.

#### On an IBM PC-compatible computer:

• Check that your system configuration meets the following requirements.

Computer: IBM PC or compatible

Operating system: Microsoft Windows® 95,

98 or NT 4.0

Hard disk free space: At least 20 MB

#### NOTE

A few hundred megabytes of additional free space may be needed when printing long labels or large amounts of data.

**Monitor:** VGA or higher graphics card **Serial port:** 9-pin connector jack

**CD-ROM drive** 

- **2** Connect the PT-9400 to the computer's serial port and turn both of them on.
- 3 Insert the P-touch Editor CD-ROM into the computer's CD-ROM drive. A dialogue box that allows you to select the language of the programme appears.

#### NOTE

The installers for the P-touch Editor programme, printer driver and User's Guide can also be copied from the CD-ROM onto floppy disks. Refer to the Readme file for more details.



Select the language of the P-touch Editor software that you wish to install, and then click the OK button. A dialogue box which allows you to select what to install is displayed.



**6** Click the top button to start up the InstallShield<sup>®</sup> Wizard for installing the P-touch Editor software and the PT-9400 printer driver.

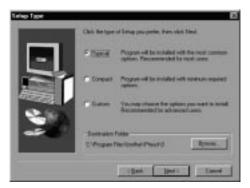
#### NOTE

To install only the printer driver, click the Printer driver button, and then skip to step **2**.

**6** Click the Next button to display the User Information dialogue box.



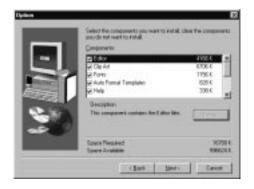
- Type your name and company's name into the appropriate boxes to personalise your copy of the P-touch Editor software.
- Click the Next button to enter the information. A dialogue box asking for confirmation on the entered information appears.
- Olick the Yes button to register the entered information. The Setup Type dialogue box, which allows you to select the options to be installed, is displayed.



• Select "Typical" (installs all of the basic options), "Compact" (installs only the minimum necessary options), or "Custom" (allows you to select which options to install).

#### NOTE

If you chose "Custom", click the Next button to display the Option dialogue box, which allows you to select which options will be installed.



- If you choose to install the User's Guide onto your computer, it will quickly be available each time you wish to refer to it.
- ① Click the Next button to install the P-touch Editor software. After it is installed, a dialogue box that allows you to select whether or not to install the printer driver appears.



Click the Yes button. A dialogue box that allows you to select whether to install or uninstall the application is displayed.



Select "Install", and then click the Next button.,

#### For Windows® 95/98:

A dialogue box that allows you to select the PTCOM port where the PT-9400 is connected appears.



#### For Windows® NT 4.0:

A dialogue box that allows you to add a PTCOM port appears.



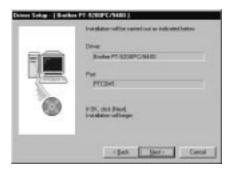
#### NOTE

If a PTCOM port is not installed, one can be added by clicking the Add button.



Select the port where the PT-9400 is connected, and then click the OK button.

- For Windows®NT 4.0: Clilck the Next button. A dialogue box that allows you to select the PTCOM port where the PT-9400 is connected appears.
- Select the PTCOM port that the PT-9400 is connected, and then click the Next button. A dialogue box confirming how the installation will be carried out appears.



**16** Click the Next button. A dialogue box showing that the printer driver has been installed appears.



Click the Next button. The Change Baud Rate Wizard starts up.



Select the serial port where the PT-9400 is connected, and then click the Next button.



Select the desired baud rate, and then click the Next button. A dialogue box confirming the settings appears.



- Click the Next button to enter the settings. A dialogue box appears showing that the baud rate has been set to the selected rate.
- 2 Click the Finish button. A dialogue box appears showing that installation is completed.
- Click the Finish button.

#### NOT

If you installed only the driver, be sure to select "Yes, I want to restart my computer now."

#### Ch. 2 Getting Started

#### On a Macintosh computer:

Follow the procedure below to install the P-touch Editor software on the Mac.

#### NOTE

Only the US English version of the P-touch Editor software for the Mac is available.

 Check that your system configuration meets the following requirements.

**Computer:** Macintosh or Power Macintosh **Hard disk free space:** At least 20 MB

#### NOTE

A few hundred megabytes of additional free space may be needed when printing long labels or large amounts of data.

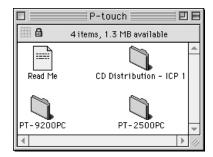
Operating system: System 7.5.3 or later Printer port: 8-pin connector jack CD-ROM drive

- **2** Connect the PT-9400 to the computer's printer port and turn both of them on.
- Insert the P-touch Editor CD-ROM into the computer's CD-ROM drive and doubleclick the CD-ROM icon.

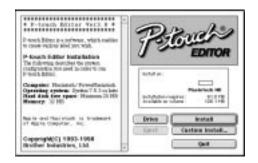
#### **NOTE**

The installers for the P-touch Editor programme and the User's Guide can also be copied from the CD-ROM onto floppy disks. Refer to the Readme file for more details.

Open the "PT-9200PC" folder, and then double-click the "P-touch Editor 3.0 Installer" icon.



• Click either the Install button (installs all options) or the Custom Install button (allows you to select which options to install).



#### NOTE

If you clicked the Custom Install button, the dialogue box shown below is displayed allowing you to select which options will be installed.



After selecting the desired options, click the Install button to install the selected options.

- In the dialogue box that appears when installation is completed, click the Quit button. A dialogue box which allows you to restart your computer appears.
- **7** Click the Restart button.

Follow the procedure below to select the PT-9400 as your printer.

• Pull down the Apple menu and select "Chooser" to display the Chooser window.



- 2 Click the PT-9200PC icon in the list on the left
- 3 Click the icon for the printer port in the list on the right.
- 4 Close the Chooser window to confirm your settings.

# **Using P-touch Editor**

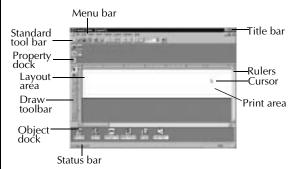
The P-touch Editor application makes it easy for anyone to design and print labels for almost any need imaginable.

#### **Starting up P-touch Editor:**

#### On an IBM PC-compatible computer:

- By clicking the P-touch Editor icon:
  - Double-click the "P-touch Editor 3" icon in the "P-touch Editor 3" group window.
- With the Start button:
  - Click the Start button in the taskbar to display the Start menu.
- 2 Select "Programs".
- 3 Select "P-touch Editor 3".
- 4 Click "P-touch Editor 3".
- With Windows Explorer:
  - Start up Windows Explorer.
  - Select the drive and directory where Ptouch Editor is installed.
  - 3 Double-click "Ptedit3.exe".

After P-touch Editor is started, the following window is displayed.

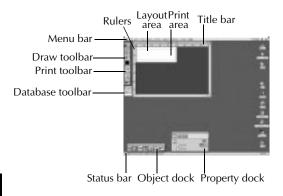


#### On a Macintosh computer:

 Double-click the "P-touch Editor Ver3.0" icon in the "P-touch Editor Ver3.0" folder installed on the computer.

After P-touch Editor is started, the following window is displayed.

#### Ch. 2 Getting Started



# Designing a layout from an Auto Format template:

In addition to allowing you to draw pictures and arrange text using any of the available fonts, sizes, and styles, P-touch Editor comes with a variety of pre-formatted templates, which make creating label layouts quick and easy. Now let's see how simple it is to create a label layout with the [Auto Format] command.

#### On an IBM PC-compatible computer:

Select the [Auto Format] command in the [File] menu to start up the Auto Format Wizard.

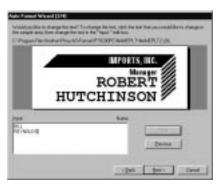


2 In the "Category:" box, select the category containing the Auto Format template that you wish to use. As an example, let's select "NAMEPLT".

3 Click the Next button.



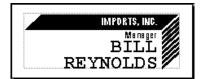
- In the "Template:" list view, select the template that you wish to use. Here, let's select the one named NAMEPLT2.LBL.
- **6** Click the Next button.



- 6 Click the Next or the Previous buttons until the text that you wish to change appears in the "Input:" edit box.
- Change the text so that the desired text is entered.
- Repeat steps 6 and 7 until all of the text is entered in the way that you want, and then click the Next button. For this example, let's change the department name to "IMPORTS, INC.", the title to "Manager" and the name to "BILL REYNOLDS".



- Oheck that the layout contains the text that you want to use.
- Click the Finish button. A new layout document containing the pre-formatted text is created.

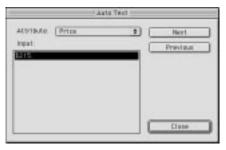


#### On a Macintosh computer:

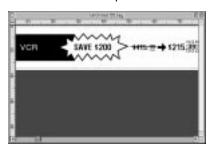
- Select the [Auto Format] command in the [File] menu to display the Auto Format dialogue box.
- 2 In the "Category:" list box, select the category containing the template that you wish to use. For this example, let's select "shop".



- 3 In the "Template:" list box, select the template that you wish to use. Let's select the one named shop3.lbl.
- Click the OK button. A new layout containing the selected pre-formatted text is created and the Auto Text dialogue box is displayed.



- Click the Next or the Previous buttons until the text that you wish to change appears in the "Input:" edit box. Here, the first line of text that we wish to change, "CAMERA", is already displayed.
- **6** Change the text so that the desired text is entered. We can start by changing the product name to "VCR".
- Repeat steps **6** and **6** until all of the text is entered in the way that you want, and then click the Next button. Let's finish editing the text by changing the original price to "\$415." and the sale price to "\$215."



8 Click the Close button. The text in the layout is replaced by the newly entered text.

#### Importing a graphics file:

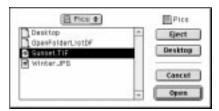
With the P-touch Editor application, you can also import images files in a variety of formats (.bmp, .dib, .jpg, .gif, .tif, .ico, and .wmf on the PC or PICT, JPEG, TIFF and BMP on the Mac) into your layout.

With a layout document displayed, select the [Image] command in the [Insert] menu (in the PC software) or the [Object] menu (in the Mac software). A dialogue box that allows you to select the image file appears.

#### When using the P-touch Editor for the PC:



#### When using the P-touch Editor for the Mac:



Select the graphic file that you wish to add to the layout and double-click it. The image appears in the layout.



## Reading the User's Guide

The P-touch Editor User's Guide can be read either by inserting the CD-ROM into the drive each time you wish to refer to it or by installing it onto your hard disk so that it is quickly available at any time. Since the User's Guide is an HTML document, a browser is needed to read it. The installer for the Internet Explorer 4.01 browser (English version) is also available on the CD-ROM.

#### NOTE

- For details on the P-touch Editor software, refer to the User's Guide on the CD-ROM. For details on the PT-9400, refer to this printed User's Guide.
- The P-touch Editor User's Guide can be read using other browsers; however, some pages may not be displayed correctly.
- Internet Explorer 4.01 for other languages can be downloaded from the Microsoft web site.

#### **Installing Internet Explorer 4.01:**

#### On an IBM PC-compatible computer:

- Insert the P-touch Editor CD-ROM into the CD-ROM drive. A dialogue box that allows you to select the language of the programme appears.
- Select the desired language, and then click the OK button. A dialogue box that allows you to select what to install is displayed.
- 3 Click the bottom button to start up the Internet Explorer 4.01 Installer.

#### On a Macintosh computer:

- Insert the P-touch Editor CD-ROM into the CD-ROM drive.
- 2 Double-click the "Installer" icon in the "CD-Distribution - ICP1" folder of the CD-ROM's "P-touch" folder.

#### **Reading the P-touch Editor User's Guide:**

- If the User's Guide was not installed onto the computer's hard disk, insert the P-touch Editor CD-ROM into the CD-ROM drive.
- Start up the User's Guide.

#### On an IBM PC-compatible computer:

- By clicking the P-touch Editor icon:
   Double-click "The User's Guide PT-9200PC" icon in the "P-touch Editor 3" group window.
- With the Start button:
  - (a) Click the Start button in the taskbar to display the Start menu.
  - (b) Select "Programs".
  - (c) Select "P-touch Editor 3".
  - (d) Click "The User's Guide PT-9200PC".
- With Windows Explorer:
- (a) Start up Windows Explorer.
- (b) Select the CD-ROM drive (if the User's Guide is not installed on the hard disk), or select the drive and directory where P-touch Editor is installed (if the User's Guide is installed on the hard disk).
- (c) Double-click "Main.htm" in the "Manual" folder.

#### On a Macintosh computer:

- Double-click "Main.htm" in the "User's Guide" folder of the CD-ROM's "P-touch" folder (if the User's Guide is not installed on the hard disk), or of the installed "Ptouch Editor Ver3.0" folder (if the User's Guide is installed on the hard disk).

#### NOTE

The PT-9200PC Quick Reference is installed along with the P-touch Editor User's Guide.

However, the Quick Reference should be ignored since it refers to a different model.

# Filloction

# Chapter $oldsymbol{3}$

# Functions

# Performing basic operations

Although most functions can be used just by pressing their keys, the following keys may be needed with certain functions.

## Code (\*)

To use a function printed in yellow on a key, hold down , and while holding down, press the key for the function that you wish to use.

# Enter (← )

To select a function from a menu or an item from a list, or to apply the selected setting, press

# Cancel ( Cancel )

To quit a function without applying any changes that you may have made, press [area].

#### **Cursor keys**

The four cursor keys  $( \begin{tabular}{c} \leftarrow \\ \begin{tabular}{c} \leftarrow$ 

# → (right)

- To move the cursor one space or character to the right, press → once. If the cursor is at the end of a line when this key is pressed, the cursor moves to the beginning of the next line.
- 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 →
- To select the item on the right in a list, press  $\xrightarrow[\mapsto]{}$ .

#### ← (left)

- To move the cursor one space or character to the left, press ← once. If the cursor is at the beginning of a line when this key is pressed, the cursor moves to the end of the previous line.
- To move the cursor to the beginning of the current line of text, hold down <sup>®</sup> and press <sup>←</sup><sub>k+</sub>.
- To move the cursor to the beginning of the current text block, hold down and press . 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.
- To select the item on the left in a list, press  $\begin{bmatrix} \leftarrow \\ \vdash \end{bmatrix}$ .

## ↑ (up)

- To move the cursor to the character in the line directly above the cursor's current position, press once.
- To move the cursor to the beginning of the entire text, hold down  $^{\bullet}$  and press  $^{\uparrow}$ .
- To select the item above in a menu or list, press  $\begin{bmatrix} \uparrow \\ \overline{x} \end{bmatrix}$ .

#### $\left[\begin{smallmatrix}\downarrow\\\underline{\downarrow}\end{smallmatrix}\right]$ (down)

- To move the cursor to the character in the line directly below the cursor's position, press under once.
- To move the cursor to the end of the entire text, hold down and press .
- To select the item below in a menu or list,
   press \$\frac{1}{3}\$.

# Entering text

Typing in the text for your labels is the same as typing on a typewriter or a computer. In addition, the entered text is normally displayed in WYSIWYG (what-you-see-is-what-you-get) mode, which allows you to see exactly how the label would appear if it were printed.

#### Space bar (

To add a blank space to the text, press (space bar).

# Shift ( )

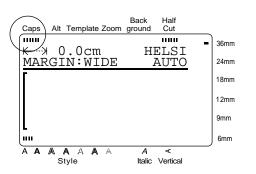
To type an uppercase letter or the symbol printed on the top half of certain keys, like on a typewriter or a computer, hold down while pressing the key for the character that you wish to type.

# Caps (fin)

To type in series of uppercase letters without holding down , Caps mode must be turned on. Caps mode can be turned on or off by pressing . When Caps mode is on, the Caps indicator lights up.

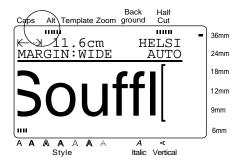
# When a number key is pressed, the number—not the symbol above it—is typed in, unless is held down.

To type lowercase letters while the Caps mode is on, hold down while pressing the key of the desired character.



# Alt ( [Alt ])

Characters printed on the right sides of keys in addition to many more special characters and punctuation marks can be added to the text using the **Alt** mode. **Alt** mode can be turned on or off by pressing [Alt mode is on, the **Alt** indicator lights up.



The following table shows the available characters.

Charac- ter key	Without held down, or with Caps mode off	With held down, or Caps mode on
А	äáàâããåæaa	ÄÁÀÂÃÃÅÆĄĄ
С	çćč	ÇĆČ
D	d'aðid	ĎĐD
E	ë é è ê ĕee	Ë É È Ê ĚEĘ
I	ĭíìîiji	ΪĺÌÎΙ
L	ľ ĬIł	Ľ ĽLŁ
N	ńñňn	ŃÑŇN
О	öóòôõóøőœo	ÖÓÒÔÕÔŐØŒO
Р	рр	ÞΡ
R	ŕř	ŔŘ
S	śšs	ŚŠS
Т	ťť	T' Ť
U	ü ú ù ůû <b>ű</b>	ϋύὺυΰύυ
Y	ÿýy	ÝΥ
Z	źżz	Ź ŻZŽ
!	!;?¿.,:;"'-	!;?;.,:;"'-

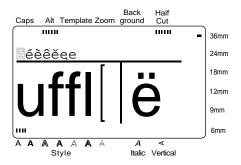
To add an accented character or a special punctuation mark to the text:

- 1 Press Alt indicator lights up.
- 2 Press the key for the desired character.

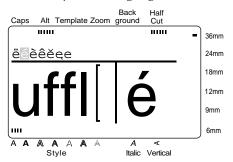
\*\*To display uppercase letters, hold down (or press to turn on Caps mode) before pressing a letter key.

\*\*Pressing a key that has an accented character on the right side of the key displays the corresponding list of accented characters with the one on the key selected.

\*\*To turn off the Alt mode without adding a character to the text, press (or All ) at any time



③ Press ← or → until the desired accented character or symbol is highlighted.



Press ← The selected character is added to the text and Alt mode turns off.

NOTE
To enter a series of characters in Alt mode, hold
down before pressing Law Block. Then, continue adding characters by selecting them as explained in steps 2 and 3, and holding down
while pressing $\underset{\text{New Block}}{\longleftarrow}$ . Press just $\underset{\text{New Block}}{\longleftarrow}$ after selecting the last character in the series.

#### **Composite characters**

In some languages, composite characters, which consist of a letter and a diacritical mark, are often used. This P-touch can display and print these characters. The available diacritical marks are ´, `, ^, and ¨.

The following diacritical mark and letter combinations are available:

Diacritical mark	Letters which can be combined
,	aeiouncrsyz AEIOUNCRSYZ
,	aeiou AEIOU
^	aeiou AEIOU
	aeiouy AEIOU

#### NOTE

Some of these composite characters can also be typed in using the **Alt** mode (refer to page 25).

#### To type in a composite character:

- For the ^ or " diacritical mark only: Press to turn on Alt mode. The Alt indicator lights up.
- 2 For the `or " diacritical mark only: Hold down  $^{\alpha}$  .
- 3 Press . The diacritical mark is added to the text.

4 Press the key for the letter that you wish to combine with the diacritical mark. The letter is also added to the text.

#### **NOTE**

To type in an uppercase letter, hold down (or press to turn on **Caps** mode) before press-

ing the letter key.

# Enter (← )

To create a new line and move the cursor to the beginning of it, press [All Once you have finished entering a line of text.

#### NOTE

A single block of text can only contain the maximum number of lines shown in the table below. If the block already contains the maximum number of

lines when you press  $\leftarrow$  , the error message "LINE LIMIT" will appear.

Tape widths	Maximum number of lines that can be entered
6 mm	2
9 mm	3
12 mm	4
18 mm	6
24 mm	8
36 mm	10

A maximum of three lines can be printed when instant lettering tape or iron-on tape is used.

# New Block ( □ + □ )

To change the number of lines in a section of the label, create a new block by holding down

and pressing  $\left[\begin{array}{c} \leftarrow \\ New Block \end{array}\right]$ .

#### NOTE

- A single label can only contain a maximum of five blocks. If five blocks already exist when
  - is held down and hew Block is pressed, the error message "5 BLOCK LIMIT" will appear.
- To split a text block into two so that the character on the right of the cursor is at the beginning of the second block, position the cursor in the

middle of the block, and then hold down

and press 🔑 .

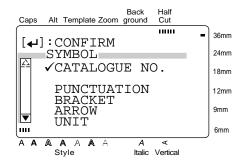
# Symbol ( [Symbol])

In addition to the letters, symbols and numerals on the key tops, there are 475 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 format functions (see pages 40 through 46).

A table of the available symbols can be found on pages 94 through 97.

#### To add a symbol or picture to the text:

1 Press Symbol.



Press ↑ or ↓ until ✓ moves beside either <u>CATALOGUE NO.</u> or the <u>desired category</u> name.

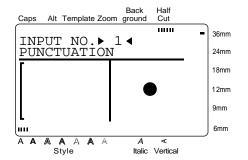
# NOTE To return to the previous screen without keeping any changes, press To return to the text without adding a symbol, press at any time.

3 Press ← .

4 Select the desired symbol.

# If **CATALOGUE NO.** was selected:

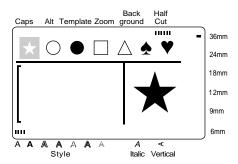
Type in a symbol number (or press  $\begin{bmatrix} \uparrow \\ \boxed{1} \end{bmatrix}$  or  $\begin{bmatrix} \downarrow \\ \boxed{1} \end{bmatrix}$ ) until the desired symbol is displayed. The name of the category containing the selected symbol is shown in the second line at the top of the display.



# If a category was selected:

Press Tor Juntil the desired row of symbols is selected, and then press Indicated the press of Juntil the desired symbol is highlighted. An enlargement of the selected symbol is shown on the right half of the display. For the numbers of symbols, refer to the list of symbols in the Appendix.

NOTE		
4	To select the first symbol in a different category,	
	hold down $^{\scriptsize \textcircled{\tiny $\Phi$}}$ and press $^{\scriptsize \textcircled{\tiny $\uparrow$}}$ or $^{\scriptsize \textcircled{\tiny $\downarrow$}}$ .	
4	To select the first symbol, press	
	(space bar) (or hold down $^{\scriptsize\textcircled{\scriptsize\textcircled{$\Phi$}}}$ and press $^{\scriptsize\textcircled{\scriptsize\textcircled{$\uparrow$}}}$ ).	
4	To select the last symbol, hold down and	
	press $\left[\begin{array}{c}\downarrow\\\underline{\downarrow}\end{array}\right]$ .	



6 Press ← . The selected symbol is added to the text.

# NOTE

- To enter a series of symbols, hold down
  - before pressing  $\left[\begin{array}{c} \leftarrow \\ \text{New Block} \end{array}\right]$ . Then, continue adding characters by selecting them as explained in
  - while pressing  $\underset{\text{New Block}}{\longleftarrow}$ . Press just  $\underset{\text{New Block}}{\longleftarrow}$  after selecting the last symbol in the series.
- Some symbols typed into templates (**Template** function) and backgrounds (**BACKGROUND** function of the **FORMAT** menu) appear on the display as "\sum ". To view an enlargement of the symbol, move the cursor below it, and then press \( \frac{\text{ZDEM}}{\text{Image}} \).

# Barcode ( Beroote )

The **Barcode** function allows you to add your desired barcode to your label. In addition, the various barcode parameters enable you to create custom barcodes.

### 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.
- It is recommended that barcodes be printed with the MARGIN function (FORMAT menu) set to WIDE and the barcode WIDTH parameter set to WIDE; otherwise, barcodes may be difficult to read.

# To create a barcode:

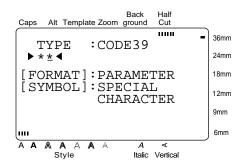
1 Press Barcode

NOTE

To change the data or parameters of a barcode that has already been added to the text, position the cursor in the middle of the barcode mark before pressing .

To return to the previous screen without keeping any changes, press .

To return to the text without adding a barcode, press at any time.



# To change the barcode parameters:

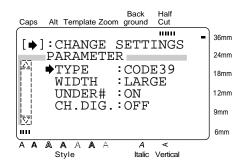
**2** Press [Formal]. All or some of the following parameters can be set.

TYPE (type of protocol)

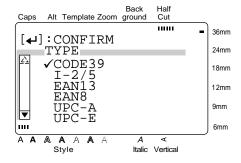
WIDTH (bar width)

**UNDER#** (numbers printed below barcode)

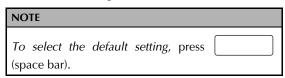
CH.DIG. (check digit)

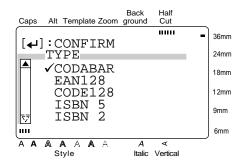


- **3** Press  $\uparrow$  or  $\downarrow$  until  $\rightarrow$  moves beside the parameter that you want to change.
- $\P$  Press  $\xrightarrow{\hookrightarrow}$ . The available settings are displayed.

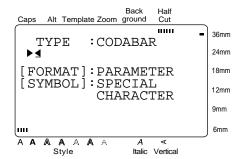


6 Press <sup>↑</sup> T or ↓ until ✓ moves beside the desired setting.



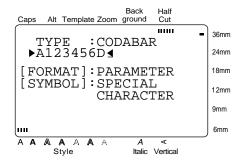


- Repeat steps 3 through 6 until all parameters are set as you wish.
- 8 Press to apply the settings.



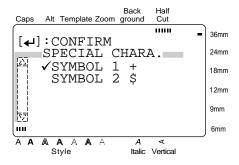
# To enter the barcode data:

**9** Type in the barcode data.



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

- Press or until the cursor is below the character on the right of where you want to add the special character.
- 1 Press Symbol.



Press  $\uparrow$  or  $\downarrow$  until  $\checkmark$  moves beside the special character that you want to add.

### **NOTE**

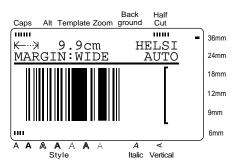
Refer to page 98 for tables of the special characters that are available.

Press — . The selected special character is added to the barcode data.

# To add the barcode to the text:

**1** Press ← .

# To delete a barcode, move the cursor to the centre or to the right of the barcode and press closer. When the message "OK TO CLEAR BARCODE?" appears, press ↑ or ↓ until ✓ moves beside OK, and then press ← until ✓ moves beside without deleting the barcode, press (or move ✓ beside CANCEL, and then press ← ).



# Currency conversion ( Serv. )

This extremely useful function automatically converts one currency into another (1ST CUR-RENCY ↔ 2ND CURRENCY). Simply set up this function once with the desired currency formats so that the next time you wish to print labels with prices on them, one currency can instantly be converted into another. After a price has been converted and entered in the text, you can format the label and the text as usual.

The general procedure for setting up the currency conversion function is:

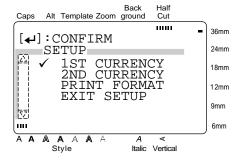
- 1. Set the **1ST CURRENCY** parameters.
- 2. Set the **2ND CURRENCY** parameters.
- 3. Select which currencies will be printed and their format.
- 4. Exit the currency conversion setup.

# NOTE If the setup is not evited by selecting EXIT.

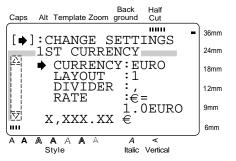
If the setup is not exited by selecting EXIT SETUP, the settings will not be saved.

# To set the 1ST CURRENCY parameters:

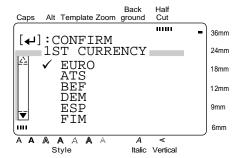
Hold down and press [Sonv.].



② Since ✓ is already beside 1ST CURRENCY, press ← .



Since → is already beside CURRENCY, press → .

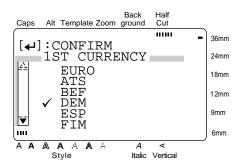


### NOTE

When setting the parameters for the second currency, **2ND** will be displayed instead of **1ST**.

Press <sup>↑</sup> or <sup>↓</sup> until ✓ moves beside the desired currency. The following currency settings are available:

EURO, ATS (Austrian schilling), BEF (Belgian franc), DEM (German mark), ESP (Spanish peseta), FIM (Finnish markka), FRF (French franc), IEP (Irish punt), ITL (Italian lira), LUF (Luxembourg franc), NLG (Netherlands guilder), or PTE (Portuguese escudo).



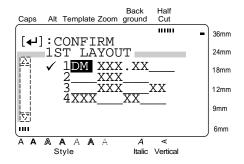
# NOTE To return to the previous screen without keeping any changes, press To return to the previous screen with the new setting, press ← .

**6** Press ← to confirm the setting and return to the **1ST CURRENCY** menu.

# NOTE

When setting the parameters for the second currency, **2ND** will be displayed instead of **1ST**.

- 6 Press <sup>↑</sup> or <sup>↓</sup> until → moves beside LAYOUT (the layout of the price).
- **7** Press → .



**3** Press  $^{\uparrow}_{\mathbb{T}}$  or  $^{\downarrow}_{\mathbb{L}}$  until  $\checkmark$  moves beside the desired setting.

# NOTE

The first layout selected is the default layout for the selected currency.

Cur- rency	Default layout	Cur- rency	Default layout
EURO	XXX.XX _ €	IEP	IEPXXX.XX
ATS	öS XXX.XX	ITL	L. XXX
BEF	XXX.XXBEF	LUF	XXX.XXLUF
DEM	DM XXX.XX	NLG	fl XXX.XX
ESP	XXXpta	PTE	XXXEsc
FIM	XXX.XX mk	ANY	XXX.XX
FRF	XXX.XX FF		

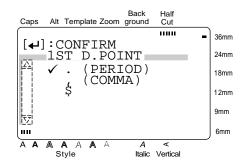
Each "X" represents a digit and the decimal point indicates the decimal position.

- To type characters in the spaces, press ← or

  → to move the cursor to the desired position, and then type in the desired characters.
- To select the default layout, hold down before pressing (space bar).

If a setting containing a decimal point was selected:

The **1ST D. POINT** menu is displayed.

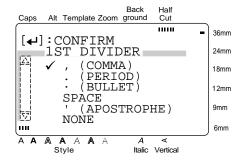


Press ↑ or ↓ until ✓ moves beside the desired decimal symbol setting, and then press ← to confirm the settings and return to the **1ST CURRENCY** menu.

If a setting not containing a decimal point was selected:

The **1ST CURRENCY** menu is displayed again.

- Press ↑ or ↓ until → moves beside DIVIDER (the symbol for separating three-digit sets).



Press ↑ or ↓ until ✓ moves beside the desired setting.

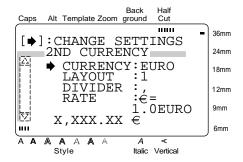
# NOTE To return to the previous screen without keeping any changes, press \_\_\_\_\_. To return to the previous screen with the new setting, press ← .

- Press to confirm the setting and return to the **1ST CURRENCY** menu.
- Press again to apply the settings and return to the **SETUP** menu.

In order to convert a currency automatically, the parameters for another currency must be set.

# To set the 2ND CURRENCY parameters:

- **(b)** Press  $\uparrow$  or  $\downarrow$  until  $\checkmark$  moves beside **2ND CURRENCY** (the second currency).

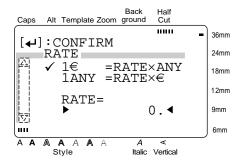


Repeat steps through until the 2ND CURRENCY, 2ND LAYOUT, 2ND D.POINT, and 2ND DIVIDER parameters are set.

# NOTE

- In addition to the currency settings listed in step ANY is available, allowing you to make currency conversions into a from a different currency after entering the corresponding exchange rate.
- If a currency symbol was typed in the 2ND LAYOUT setting in step 3, that symbol is displayed instead of ANY.

- If ANY was selected for the second currency, press ↑ or ↓ until → moves beside RATE (the exchange rate).
  If a setting other than ANY was selected for the second currency, skip to step ②.
- Press →
  □



Press  $^{\uparrow}_{\mathbb{T}}$  or  $^{\downarrow}_{\mathbb{Z}}$  until  $\checkmark$  moves beside the desired exchange rate calculation.

### NOTE

Entering an exchange rate based on the euro makes it possible to convert automatically between the new currency (ANY) and any of the other preset currencies.

Type in the current exchange rate.

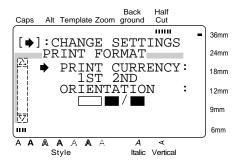
### NOTE

- Up to 10 digits and a decimal point can be entered for the exchange rate.
- If a currency symbol was typed in the 2ND LAYOUT setting in step 3, that symbol is displayed instead of ANY.
- Press once to confirm the setting and return to the **2ND CURRENCY** menu.
- Press again to apply the settings and return to the **SETUP** menu.

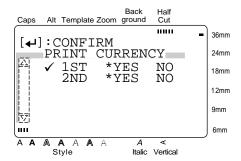
# To select which currencies are printed:

Press ↑ or ↓ until ✓ moves beside PRINT FORMAT.

Press ← .
New Block



Since  $\rightarrow$  is already beside **PRINT CUR- RENCY**, press  $\rightarrow$  .



- Press  $^{\uparrow}_{\mathbb{Z}}$  or  $^{\downarrow}_{\mathbb{Z}}$  until  $\checkmark$  moves beside the setting that you wish to change.
- Press or until the desired setting is selected.

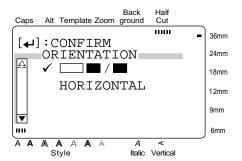
# NOTE

- To print the currency, move \* beside YES. Currencies set to NO will not be printed.
- To return to the previous screen without keeping any changes, press
- Repeat steps and until the desired settings are selected.
- Press Local to confirm the settings and return to the **PRINT FORMAT** menu.

# To select how the currencies are printed:

**(1)** Press  $\begin{bmatrix} \uparrow \\ \boxed{x} \end{bmatrix}$  or  $\begin{bmatrix} \downarrow \\ \boxed{x} \end{bmatrix}$  until  $\Rightarrow$  moves beside **ORIENTATION**.

 $\mathfrak{P} \text{ress} \stackrel{\rightarrow}{\bowtie} .$ 



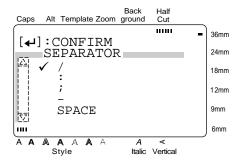
**3** Press  $\begin{bmatrix} \uparrow \\ \mathbb{T} \end{bmatrix}$  or  $\begin{bmatrix} \downarrow \\ \mathbb{L} \end{bmatrix}$  until  $\checkmark$  moves beside the desired setting.

### NOTE

- To return to the previous screen without keeping any changes, press ...
- To return to the previous screen with the new setting, press  $\left( \begin{array}{c} \leftarrow \\ \blacksquare \end{array} \right)$ .

# If **HORIZONTAL** was selected:

The **SEPARATOR** menu is displayed.



Press or until or moves beside the desired setting, and then press of to confirm the settings and return to the **PRINT FORMAT** menu.

# If VERTICAL1 or VERTICAL2 was selected:

The **PRINT FORMAT** menu is displayed again.

**⑤** Press ← again to apply the settings and return to the **SETUP** menu.

### STATEMENT ABOUT CURRENCY CONVERSION

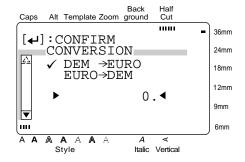
In view of the changes in Europe towards the implementation of the EMU, it is in the interest of the user to confirm that this method complies with (and provides results consistent with) any laws governing currency conversions.

# To exit the currency conversion setup:

- **⑤** Press  $^{\uparrow}$  or  $^{\downarrow}$  until ✓ moves beside **EXIT SETUP**.

# To convert currencies:

1 Press Conv. Setup .



- **3** Type in the value that you wish to convert into other currencies.

# NOTE

The value can have as many as 10 digits, but is limited to 2 decimal digits.

4 Press ← New RI

### NOTE

The preset currencies are calculated based on the following rates:

Cur- rency	Conversion rate (1 € =)	Cur- rency	Conversion rate (1 € =)
EURO	1	FRF	6.55957
ATS	13.7603	IEP	0.787564
BEF	40.3399	ITL	1936.27
DEM	1.95583	LUF	40.3399
ESP	166.386	NLG	2.20371
FIM	5.94573	PTE	200.482

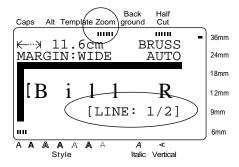
# Editing text

# Zoom ( Zoom )

To view text that is too small to be read on the display, the Zoom mode must be turned on, making it easier to edit the text. **Zoom** mode can

be turned on or off by pressing [zoom]. When the **Zoom** mode is on, the **Zoom** indicator lights up. In **Zoom** mode, the top, bottom, and left edge of the label are shown by dark lines and the current line number is shown at the bottom of the display.

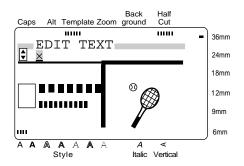
# NOTE Use the cursor keys to move around the text. To return to WYSIWYG mode, press



In addition, pressing | | ille typing text into templates (Template function) and backgrounds (BACKGROUND function of the FORMAT menu) displays an enlargement of the character above the cursor. This allows you to view symbols which appear on the display as " $\boxtimes$ ".

# NOTE

To return to editing the text, press any key



# Backspace ( Clear )

To remove the character in the text that is to the left of the cursor's current position, press  $^{\tiny{\textcircled{\tiny{Class}}}}$ .

Each time control is pressed, one character is deleted. If the cursor is at the beginning of a line or a block when control is pressed, the current line or block is joined with the previous one.

# Clear ( + (s) (clear )

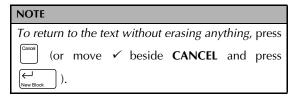
Once you have printed your text, you will need to erase the display so that you can design a new one. With the **Clear** function, you can select whether all of the text and all of the format settings, or just the text and its text format settings will be erased.

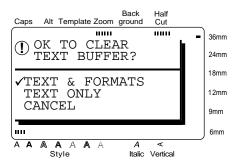
# NOTE

The cursor can be located anywhere in the text.

# To erase all of the text and formats:

1 Hold down and press clear .

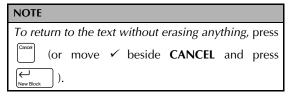


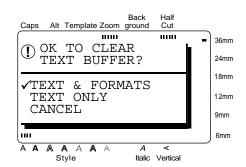


Since ✓ is already beside TEXT & FOR-MATS, press ← . All of the text is erased and all of the format functions are reset to their default settings.

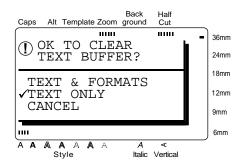
# To erase only the text:

1 Hold down and press clear





Press ↑ or ↓ until ✓ moves beside TEXT ONLY.



Press Light Interest is erased and the text format functions are reset to their default settings, but the label format functions (FORMAT menu) remain unchanged.

# Area ( All )

Text formatting with the **Area** function is different from creating a new block using the **New Block** function. With the **Area** function, text within a line or group of lines can be selected so that its text formats can be changed. The selected text can also be deleted or copied and pasted in a different place in the text.

The following two labels show how these functions can be used.



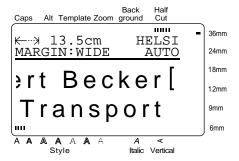
The multiple blocks in this label were created using the **New Block** function. The first block of this text contains a single line, the second contains four lines, and the third, two lines.



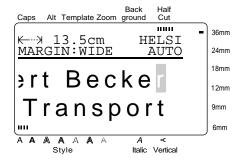
This is a single-block, single-line label with different parts of the text formatted using the **Area** function. After all of the text was typed in, section "(123) 456-7890" was selected and given a smaller character size.

# To select an area of the text:

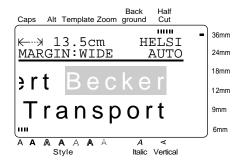
Press ← , → , ↑ , or ↓ until the cursor is beside the first character that you want to select.



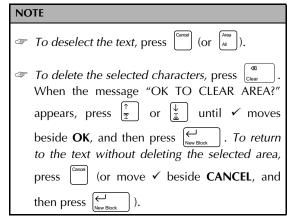
Press A. The first character is highlighted.



Press ← , → , ↑ , or ↓ until all of the characters that you want to select are highlighted.



4 Format the text using the text format functions (see pages 40 through 46) or use the **Copy & Paste** function to copy the text and paste it into a different place in the text (see page 39).

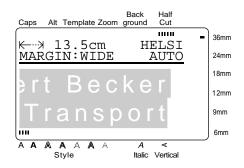




With the **All** function, all of the text can be selected so that it can be formatted together, deleted, or copied and pasted in another place in the text.

# To select all of the text:

• Hold down and press All of the text is highlighted.



Pormat the text using the text format functions (see pages 40 through 46) or use the Copy & Paste function to copy the text and paste it into a different place in the text (see page 39).

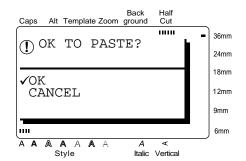


# Copy & Paste ( Copy & Paste ( Paste )

The **Copy & Paste** function is useful for copying already entered characters and pasting them into a different section of the text.

# To copy and paste text:

- Select the text that you wish to copy and paste using either the AREA function (see page 38) or the ALL function (see page 39).
- Press seem. The selected characters are copied, but not removed from the text.
- Press ← , → , ↑ , or ↓ until the cursor is positioned where you want to add the copied text.
- 4 Press Paste.



- **6** Press  $\leftarrow$  . The text is added at the cursor's location.

# Formatting

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

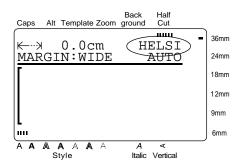
The following text formatting functions can be used to change the appearance of characters: Font, Size, Width, Style, Italic, △ / ♣ (line effects) and Vert (vertical). They can be applied to part or all of the text, either before or after you have entered it.

The label formats, listed in the **FORMAT** menu, specify the general appearance of the label.

# Font (Fort)

With the **Font** function, you can change your text's font to one of the many that are available. Refer to the font samples on page 98. The font of the text at the cursor's current position is shown at the right end of the top line in the top of the display.

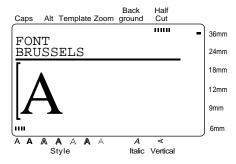
# While selecting a Font setting, the following operations may be used: To display the previous setting, hold down and press care. To select the default setting (HELSINKI), hold down and press care. To return all text formatting functions to their default settings, hold down and press (space bar). To return to the text without making any changes, press care.



# To change the font before entering the text:

- Press (H), (H), (T), or (L) until the cursor is moved to the point where you want to begin using a different font.
- Press [Fort] until the desired font is selected.

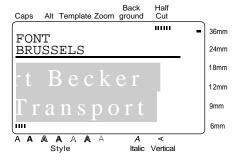
  The current setting is shown below **FONT** at the top of the display and a sample (**A**) can be seen to the right of the cursor.



3 Type in the new text.

# To change the font of the text in a selected area:

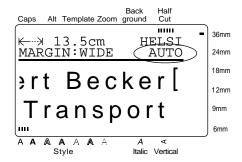
- Press on until the text is displayed in the desired font. The current setting is shown below FONT at the top of the display.



Press ← . The selected text is displayed in the desired font.

# Size (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. Refer to page 99 for examples of the **Size** settings. The size of the text at the cursor's current position is shown at the right end of the second line in the top of the display.



# NOTE

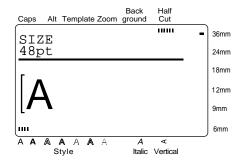
- With the AUTO setting selected and 12 mm, 18 mm, 24 mm or 36 mm-wide tape installed, the size of text with just one line and not containing lowercase letters or certain symbols is printed slightly larger.
- If a very small text size is selected, the text may not be readable in WYSIWYG mode. When editing such small text, turn on the **Zoom** mode. For more details, refer to page 36.
- 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.

Tape widths	Maximum text size (in points)
6 mm	12
9 mm	18
12 mm	24
18 mm	36
24 mm	60
36 mm	72

# While selecting a **Size** setting, the following operations may be used: To display the previous setting, hold down and press . To select the default setting (**AUTO**), hold down and press . To return all text formatting functions to their default settings, hold down and press (space bar). To return to the text without making any changes, press .

# To change the text size before entering the text:

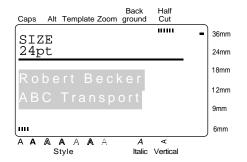
- Press ← , → , ↑ , or ↓ until the cursor is moved to the point where you want to begin using a different text size.
- Press until the desired text size is selected. The current setting is shown below SIZE at the top of the display and a sample (A) can be seen to the right of the cursor.



**3** Type in the new text.

To change the size of the text in a selected area:

- Press would until the text is displayed in the desired text size. The current setting is shown below SIZE at the top of the display.



Press ← The selected text is displayed in the desired text size.

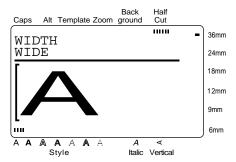
# Width (Width)

The **Width** function can be used with any of the text sizes to make the size of the characters wider or more narrow. Refer to page 99 for examples of the **Width** settings.

NOTE	
While selecting a <b>Width</b> setting, the following operations may be used:	
To display the previous setting, hold down and press with.	
To select the default setting ( <b>MEDIUM</b> ), hold down and press with.	
To return all text formatting functions to their default settings, hold down and press (space bar).	
To return to the text without making any changes, press	

# To change the width before entering the text:

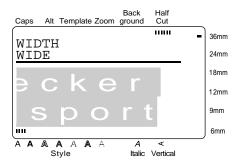
- Press (H), (H), (T), or (L) until the cursor is moved to the point where you want to begin using a different text width.
- Press wan until the desired width is selected. The current setting is shown below **WIDTH** at the top of the display and a sample (**A**) can be seen to the right of the cursor.



**3** Type in the new text.

# To change the width of the text in a selected area:

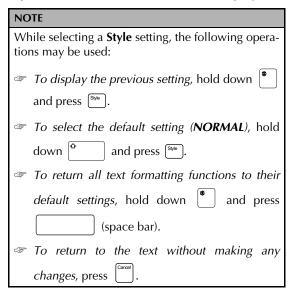
- Hold down and press and to select all of the text, or press and use to select all and use to select all and use to select only a part of it.
- Press with until the text is displayed in the desired width. The current setting is shown below WIDTH at the top of the display.

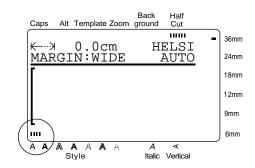


Press ← . The selected text is displayed in the desired text width.

# Style ([Style])

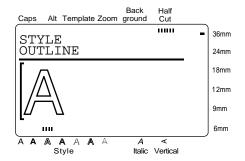
You can choose from 7 different text styles to create more personalized labels. Refer to the style samples on page 100. The style of the text at the cursor's current position is shown by the **Style** indicators at the bottom of the display.





# To change the text style before entering the text:

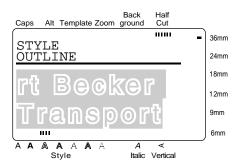
- Press (H), (H), (T), or (L) until the cursor is moved to the point where you want to begin using a different text style.
- Press until the desired style is selected. The current setting is shown below **STYLE** at the top of the display and a sample (**A**) can be seen to the right of the cursor.



3 Type in the new text.

# To change the style of the text in a selected area:

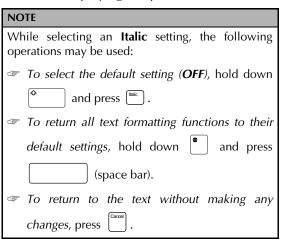
- Hold down and press and use  $\leftarrow$  and use  $\leftarrow$  ,  $\rightarrow$  ,  $\rightarrow$  , or  $\downarrow$  to select only a part of it.
- Press wutil the text is displayed in the desired style. The setting is shown below STYLE at the top of the display.

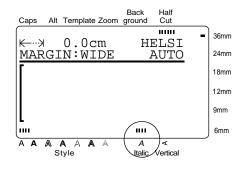


Press ← . The selected text is displayed in the desired text style.

# Italic (halic )

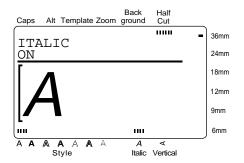
The **Italic** function can be combined with each of the other text format settings to provide an even larger variety of text styles. When the **Italic** function is turned on for the text at the cursor's current position, the **Italic** indicator at the bottom of the display lights up.





# To change the Italic setting before entering the text:

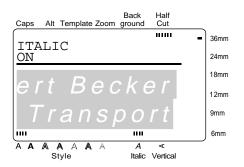
- Press ← → → , ↑ , or ↓ until the cursor is moved to the point where you want to begin using a different Italic setting.
- Press to select either **ON** or **OFF**. The current setting is shown below **ITALIC** at the top of the display and a sample (**A**) can be seen to the right of the cursor.



3 Type in the new text.

To change the Italic setting for the text in a selected area:

- Hold down and press has to select all of the text, or press has and use  $\leftarrow$  ,  $\rightarrow$  , or  $\downarrow$  to select only a part of it.
- Press until the text is displayed with the desired Italic setting. The current setting is shown below ITALIC at the top of the display.

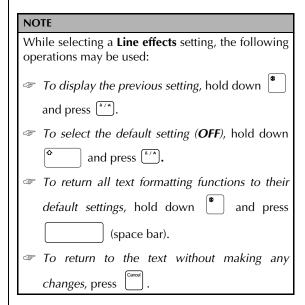


③ Press ← . The selected text is displayed with the desired Italic setting.

# Line effects ([^/^])

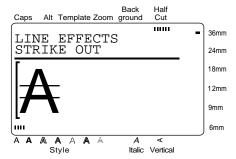
The **Line effects** function enables you to underline or strike out certain parts of your text.

12 <u>34</u> <u>56</u>



To change the Line effects setting before entering the text:

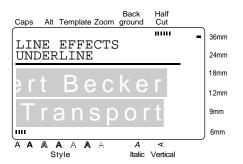
- Press ← , → , ↑ , or ↓ until the cursor is moved to the point where you want to begin using a different **Line effects** setting.
- Press by until the desired setting is selected. The current setting is shown below LINE EFFECTS at the top of the display and a sample (A) can be seen to the right of the cursor.



**3** Type in the new text.

# To change the Line effects setting for the text in a selected area:

- Press and until the text is displayed with the desired Line effects setting. The current setting is shown below LINE EFFECTS at the top of the display.



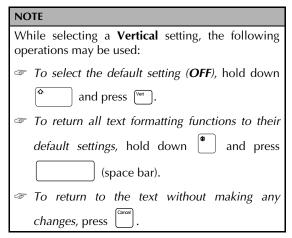
③ Press ← . The selected text is displayed with the desired Line effects setting.

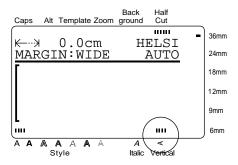
# Vertical ([Vert ])

With the **Vertical** function, you can print your text vertically along the length of your label.

12 md

When the **Vertical** function is turned on for the text at the cursor's current position, the **Vertical** indicator at the bottom of the display lights up.

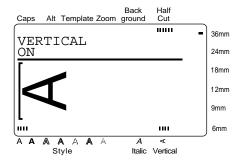




# To change the Vertical setting before entering the text:

Press ← , → , ↑ , or ↓ until the cursor is moved to the point where you want to begin using a different **Vertical** setting.

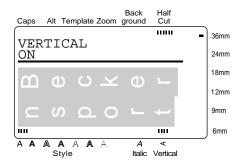
Press to select either **ON** or **OFF**. The current setting is shown below **VERTICAL** at the top of the display and a sample (**A**) can be seen to the right of the cursor.



Type in the new text.

# To change the Vertical setting for the text in a selected area:

- Hold down and press  $\stackrel{\text{Anna}}{\text{Al}}$  to select all of the text, or press  $\stackrel{\text{Anna}}{\text{Al}}$  and use  $\stackrel{\leftarrow}{\text{k-l}}$ ,  $\stackrel{\rightarrow}{\text{k-l}}$ , or  $\stackrel{\downarrow}{\text{d}}$  to select only a part of the text.
- Press we until the text is displayed with the desired Vertical setting. The current setting is shown below VERTICAL at the top of the display.



Press ← . The selected text is displayed with the desired Vertical setting.

# Frame/shading ( )

You can choose from a variety of frames and shadings for emphasizing certain parts or all of the text in your label. Refer to the samples of the frames and shadings on page 101.

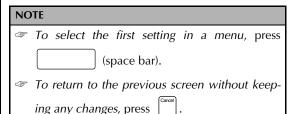
# To apply a frame or shading to all of the text:

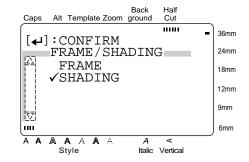
1 Press (A/M).

### NOTE

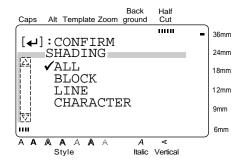
To return to the text without adding a frame or shading, press  $^{\blacksquare/\blacksquare}$  at any time.

Press <sup>↑</sup> T until ✓ moves beside the desired setting.

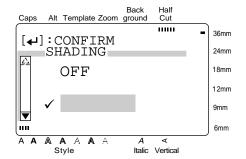




3 Press ← New Block



- Press <sup>↑</sup> T until ✓ moves beside the desired frame or shading pattern.



6 Press ← . The desired frame or shading is applied to all of the text.

# To apply a frame or shading to selected blocks of text:

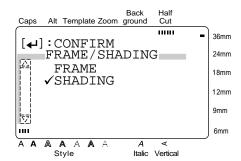
1 Press .

### NOTE

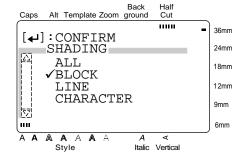
To return to the text without adding a frame or shading, press  $^{\text{@/\text{\tiny M}}}$  at any time.

Press <sup>↑</sup> T until ✓ moves beside the desired setting.

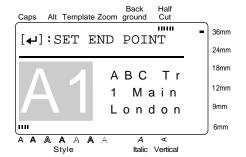
# \*\*\*To select the first setting in a menu, press (space bar). \*\*\*To return to the previous screen without keeping any changes, press ...



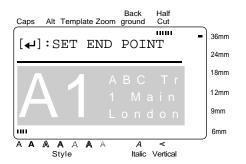
- 3 Press ← New Block
- Press or until ✓ moves beside BLOCK.



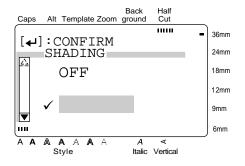
- 6 Press ← .
- 6 Press ← or → until the first block that you wish to frame or shade is selected.



- **7** Press ← .
- 8 Press or until all of the blocks that you wish to frame or shade are selected.



- Press 
   New Block 
   .
- Press ↑ or ↓ until ✓ moves beside the desired frame or shading pattern.



• Press — . The desired frame or shading is applied to the selected blocks of text.

# NOTE

To delete the frame or shading, position the cursor on the left side of the frame/shading that you wish to delete, and then press ☐ . When the message "OK TO CLEAR FRAME/SHADING?" appears, press ☐ or ☐ until ✓ moves beside **OK** and press ☐ . To keep the frame/shading, press ☐ (or move ✓ beside **CANCEL**, and then press ☐ ).

# To apply a frame or shading to selected lines of text:

1 Press .

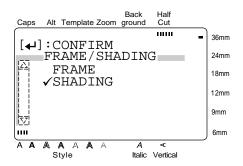
# NOTE

To return to the text without adding a frame or shading, press at any time.

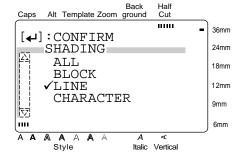
Press <sup>↑</sup> T or ↓ until ✓ moves beside the desired setting.

# \*\*\* To select the first setting in a menu, press (space bar).

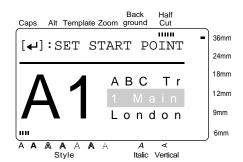
To return to the previous screen without keeping any changes, press ...



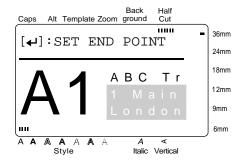
- **3** Press ← .
- Press <sup>↑</sup> T or ↓ until ✓ moves beside LINE.



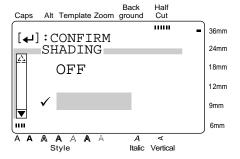
- **6** Press ← .



- **7** Press ← .
- Press <sup>↑</sup> or <sup>↓</sup> until all of the lines that you wish to frame or shade are selected.



- Press <sup>↑</sup> T until ✓ moves beside the desired frame or shading pattern.



Press ← . The desired frame or shading is applied to the selected lines of text.

To apply a frame or shading to selected characters in the text:

1 Press A.

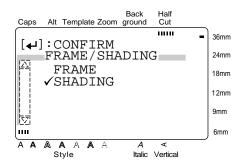
### **NOTE**

To return to the text without adding a frame or shading, press  $^{\square/\square}$  at any time.

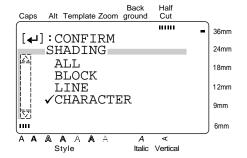
Press <sup>↑</sup> T until ✓ moves beside the desired setting.

# NOTE

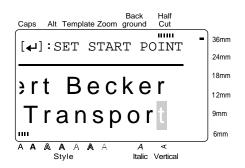
- To select the first setting in a menu, press (space bar).
- To return to the previous screen without keeping any changes, press [ area].



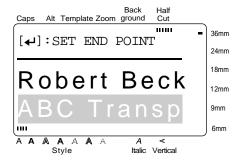
- Press ↑ or ↓ until ✓ moves beside CHARACTER.



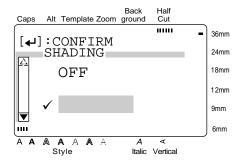
- 6 Press ← .
- 6 Press ← , → , ↑ , or ↓ until the first character that you wish to frame or apply a shading to is selected.



- **1** Press ← New Block .
- 3 Press ← , → , ↑ , or ↓ until all of the characters that you wish to frame or apply a shading to are selected.



- 9 Press ← New Block .
- Press  $\uparrow$  or  $\downarrow$  until  $\checkmark$  moves beside the desired frame or shading pattern.



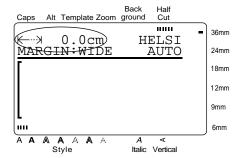
Press . The desired frame or shading is applied to the selected characters.

# Format (Format)

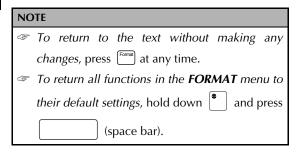
Pressing the **Format** key displays a menu containing five label format functions, which can be used to change the label's general appearance.

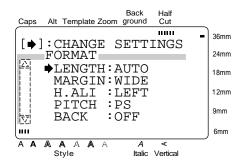
# To change the LENGTH setting:

The currently set label length is shown at the left end of the top line in the top of the display. When the arrow symbol is displayed as " $\longleftarrow$ ", the label length is set to **AUTO**. When the arrow symbol is displayed as " $\longleftarrow$ ", the label length is set to a certain value.

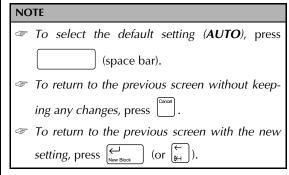


1 Press Format.





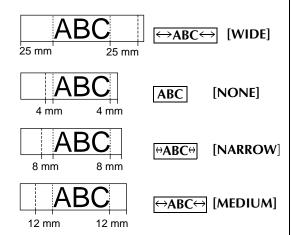
② Since → is already beside **LENGTH**, press



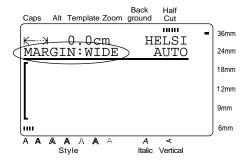
- Press ← once to confirm the setting and return to the FORMAT menu.
- 6 Press ← again to apply the setting.

# To change the MARGIN setting:

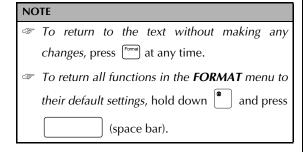
This function allows you to select the size of the margins on the left and right sides of your text. When **NONE**, **NARROW** or **MEDIUM** is selected, some extra tape is fed out so that the left and right margins are equal.

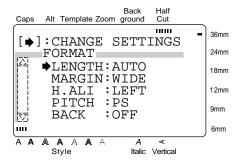


The current margin setting is shown at the left end of the second line in the top of the display.

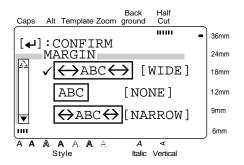


1 Press Format.

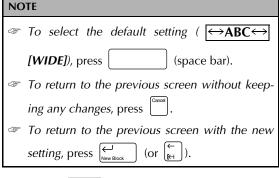




- **2** Press  $\uparrow$  or  $\downarrow$  until  $\rightarrow$  moves beside **MARGIN**.
- 3 Press  $\stackrel{\rightarrow}{\bowtie}$ .



4 Press  $\uparrow$  or  $\downarrow$  until  $\checkmark$  moves beside the desired setting.



- Press once to confirm the setting and return to the **FORMAT** menu.
- 6 Press August again to apply the setting.

**Functions** 

### Ch. 3 Functions

# To change the H.ALI (horizontal alignment) setting:

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

ABC
DEFGH ←ABC [LEFT]
IJKLM

ABC DEFGH ←ABC→ [CENTRE] IJKLM

ABC DEFGH ABC→ [RIGHT] IJKLM

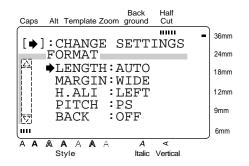
A B C
DEFGH ←ABC→ [JUSTIFY]
IJKLM

1 Press Format.

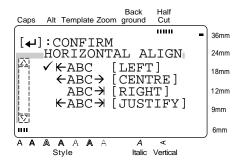
NOTE

To return to the text without making any changes, press at any time.

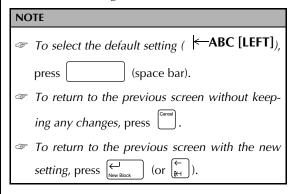
To return all functions in the FORMAT menu to their default settings, hold down and press (space bar).



2 Press <sup>↑</sup> T or ↓ until → moves beside H.ALI.



**4** Press  $^{\uparrow}_{\underline{x}}$  or  $^{\downarrow}_{\underline{x}}$  until ✓ moves beside the desired setting.



- Press once to confirm the setting and return to the **FORMAT** menu.
- 6 Press ← again to apply the setting.

# To change the PITCH setting:

With this function, you can select whether or not each character is given an equal width.

Scanner £300 Printer £150 Fax £100

# НІНІН

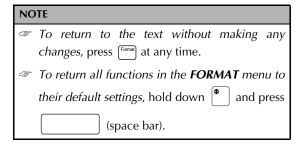
[PS]

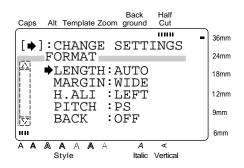
Scanner £300
Printer £150
Fax £100

# нініні

[FIXED]

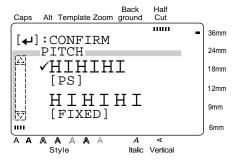
1 Press Format.



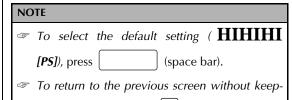


Press <sup>↑</sup> T or until → moves beside PITCH.

3 Press  $\stackrel{\rightarrow}{\bowtie}$ .



Press <sup>↑</sup> T until ✓ moves beside the desired setting.



To return to the previous screen with the new setting, press  $\leftarrow$  (or  $\leftarrow$  ).

ing any changes, press

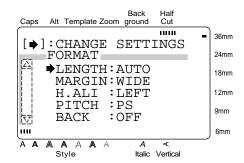
- 6 Press once to confirm the setting and return to the **FORMAT** menu.

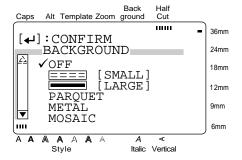
# To change the BACK (background) setting:

From the many designs available, choose a background for your label. You can even create your own backgrounds using text or symbols.

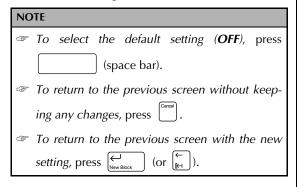
1 Press Format.

NC	NOTE			
	To return to the text without making any			
	changes, press [Format] at any time.			
4	To return all functions in the FORMAT menu to			
	their default settings, hold down and press			
	(space bar).			





Press <sup>↑</sup> T until ✓ moves beside the desired setting.

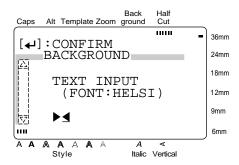


6 Press ← once to confirm the setting.

If SMALL or LARGE was selected, type in the desired text, change the font by press ← until the desired font setting is displayed, and then press ← TOR-MAT menu appears again.

# **NOTE**

- Up to 20 characters can be entered. Symbols (see pages 27 and 28) and accented characters (see page 25) can also be added.
- To display an enlarged view of the character or symbol above the cursor, press key to continue editing the text.
- To return to the previous screen without keeping any changes, press
  .



If a pre-made background design was selected, the **FORMAT** menu appears again.

6 Press ← again to apply the setting. The Background indicator lights up.

# **Template** (<sup>™</sup>)

The **Template** function makes creating a label or stamp quick and easy. After selecting one of the various pre-formatted templates, simply change the text, and then it is ready to be printed. The many templates available are useful for common needs—from addressing envelopes to identifying floppy disks or audio and video cassettes. The tape width and length of each label printed from a template is preset. Refer to the samples of the available templates on pages 103 to 106.

After the text is entered, the style of the text can easily be changed just by selecting one of the 7 available style formats. Refer to page 107 for samples of the style formats.

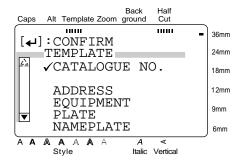
# To create a label or stamp from a template:

1 Press Template indicator lights up.

NOTE

If there was text in the display when the Template function was started, the message "OK TO CLEAR TEXT BUFFER?" appears.

To delete the text, press ↑ or ↓ until ✓ moves beside OK, and then press ← until ✓ moves beside OK, and then press ← until ✓ to return to the text without deleting it, press (or move ✓ beside CANCEL, and then press ← until ← un

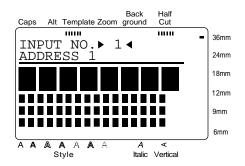


Select the desired template.

NOTE		
4	To select the first template, press	
	(space bar) (or hold down $^{\scriptsize\textcircled{\scriptsize \scriptsize \scriptsize \$}}$ and press $^{\scriptsize\textcircled{\scriptsize \scriptsize $\uparrow$}}$ ).	
4	To select the last template, hold down and	
	press $\left(\begin{array}{c} \downarrow \\ \underline{\downarrow} \end{array}\right)$ .	

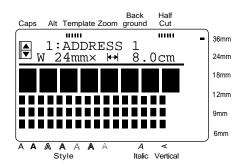
# If **CATALOGUE NO.** was selected:

Type in a template number (or press  $\uparrow$  or  $\downarrow$  until the desired template is displayed. The name of the selected template is shown in the second line at the top of the display.

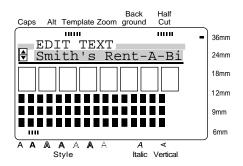


# If a category was selected:

Press  $\uparrow$  or  $\downarrow$  until the desired template is displayed. The number and name of the current template are displayed at the top of the display and the dimensions are shown below it.



Press . The first line of the template's text is shown below **EDIT TEXT** at the top of the display. For template numbers and samples, refer to the list of templates in the *Appendix*.

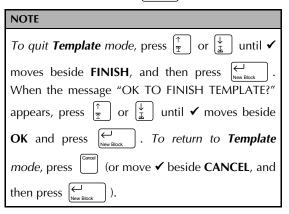


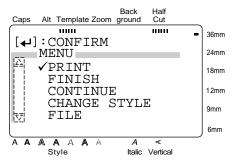
4 Type in the new text.

NOTE

- Symbols can also be added. Refer to pages 27 and 28 for details.
- To display an enlarged view of the character or symbol above the cursor, press type of the character or symbol above the cursor, press type of the character or symbol above the cursor, press type of the character or symbol above the cursor, press type of the character or symbol above the cursor, press type of the character or symbol above the cursor, press type of the character or symbol above the cursor, press type of the character or symbol above the cursor, press type of the character or symbol above the cursor, press type of the character or symbol above the cursor.
- To move the cursor through the line of text, press  $\stackrel{\leftarrow}{\models}$  or  $\stackrel{\uparrow}{\models}$ . To display a different line of text, press  $\stackrel{\uparrow}{\Vdash}$  or  $\stackrel{\downarrow}{\downarrow}$ .
- To quit using the current template and return to step ②, press □ . When the message "OK TO CONTINUE TEMPLATE?" appears, press □ (or move ✓ beside CANCEL, and then press □ ). To continue using the current template, press □ or □ until ✓ moves beside OK, and then press □ until ✓ moves beside
- 6 Press ← to display the next line of text in the template.

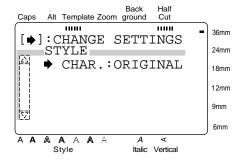
Repeat steps 4 and 6 until all of the text that you wish to use is entered. The **MENU** appears after the last line of text in the template is edited and white statements is pressed.

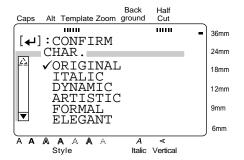




To change the style of a label or stamp created from a template:

- Press ↑ or ↓ until ✓ moves beside CHANGE STYLE.
- Press . The current style setting is displayed.





- Press ↑ or ↓ until ✓ moves beside the desired setting. Refer to page 107 for samples of these settings.
- Press once to confirm the setting and return to the **STYLE** menu.
- Press Again to apply the setting.

# To continue editing the label or stamp:

- Press ↑ or ↓ until ✓ moves beside CONTINUE.
- Repeat steps (4) and (5) until the text is edited as you wish. The MENU appears again after the last line of text in the template is edited and | | is pressed.

# To print a label or stamp created using a template:

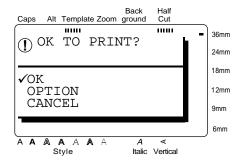
- Press  $\uparrow$  or  $\downarrow$  until  $\checkmark$  moves beside **PRINT**.
- Press ← New Block

# **NOTE**

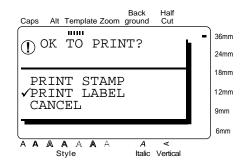
Be sure that the correct tape cassette is installed.

- When printing a stamp, install a stamp film cassette.
- When printing a label, install a label tape cassette.

If a template other than one from the **STAMP** category was used, the following display appears.



If a template from the **STAMP** category was used, the following display appears.



For a label created using a template other than one from the **STAMP** category:

To print, select **OK**. Refer to page 64 for more details on printing.

To change the printing options, select **OPTION**. Refer to pages 65 through 69 for more details on the printing options.

For a stamp created using a template from the **STAMP** category:

To print out a stamp stencil, select **PRINT STAMP**.

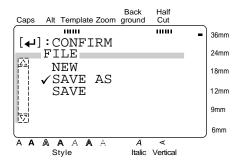
To print an identification label, select **PRINT LABEL**.

# NOTE

Use 12-mm-wide tape to make an identification label for a stamp with a STAMP M size and use 18-mm-wide tape to make a label for a stamp with a STAMP L size.

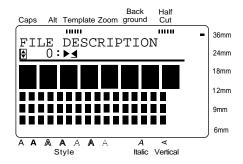
Press ← New Block

# To store the label or stamp created using a template:

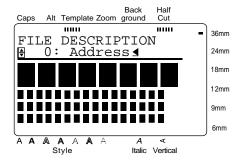


Press ↑ or ↓ until ✓ moves beside the desired setting, and then press ← . Refer to pages 61 and 62 for more details on saving files.

If the file has not been saved before, select **SAVE AS**.



If the file has been saved before, select **SAVE**.



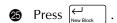
**2** Type in the desired file name.

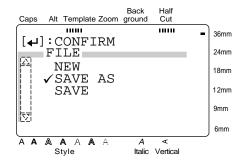
NOTE
A file name can only be up to 10 characters long.

Press  $\left(\begin{array}{c} \leftarrow \\ \text{New Block} \end{array}\right)$ . The text is saved under the selected number with the entered file name.

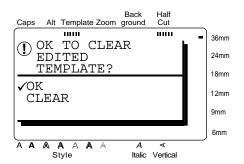
To create another label or stamp using a different template:

24 Press  $\uparrow$  or  $\downarrow$  until  $\checkmark$  moves beside **FILE**.





- Press ↑ or ↓ until ✓ moves beside NEW.
- Press New Block .



Press  $\uparrow$  or  $\downarrow$  until  $\checkmark$  moves beside **OK**.

### NOTE

To return to the **FILE** menu without erasing the edited template, press (or move ✓ beside **CANCEL**, and then press (→ ).

Press New Block .

# Storing and recalling files

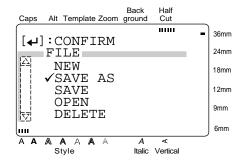
You can store frequently used text in the memory. These text files remain in the memory, even after all characters are erased from the display with the **Clear** function (see page 37).

When each file is stored, it can be given a file name so that it can be searched for. Up to 100 files or about 3,000 characters can be stored in the memory.

Since a copy of the stored text file is recalled when using the **OPEN** function, the text can be edited or printed without changing the originally stored file. However, the **SAVE** 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 **DELETE** function can be used to delete it.

# To save a file that has not been saved before:

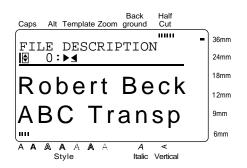
1 Press File.



② Since ✓ is already beside **SAVE AS**, press | Since ✓ is already beside **SAVE AS**, press

### NOTE

To return to the previous screen without making any changes, press [Caroot].



**3** Press  $\uparrow$  or  $\downarrow$  until the file number where you want to store the text is displayed.

# NOTE

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

4 Type in the desired file name.

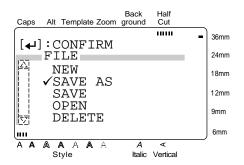
### NOTE

A file name can only be up to 10 characters long.

6 Press — . The text is saved under the selected number with the entered file name.

# To save a file that has been saved before:

1 Press File.

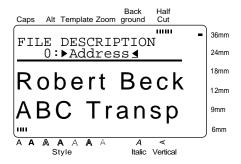


Press ↑ or ↓ until ✓ moves beside SAVE.

### NOTE

To return to the previous screen without making any changes, press [Caroll].

3 Press ← New Block



4 Edit the file name if you wish.

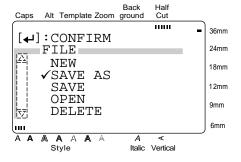
### NOTE

A file name can only be up to 10 characters long.

**6** Press — . The text is saved under the selected number with the entered file name.

# To recall a file that has been saved:

1 Press File.



Press ↑ or ↓ until ✓ moves beside OPEN.

### NOTE

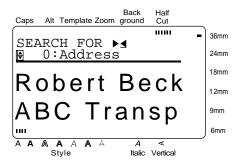
To return to the previous screen without making any changes, press [ ].

3 Press ← New Block

# NOTE

If there was text in the display before the **File** function was started, the message "OK TO CLEAR TEXT BUFFER?" appears.

- To delete the text, press  $\uparrow$  or  $\downarrow$  until  $\checkmark$  moves beside **OK**, and then press  $\downarrow$  .
- To return to the **FILE** menu without deleting the text in the display, press (or move ✓ beside **CANCEL**, and then press (have Block ).



Select the file that you want to open.

To scan through the saved files, press  $\begin{bmatrix} \uparrow \\ \boxed{1} \end{bmatrix}$  or  $\begin{bmatrix} \downarrow \\ \boxed{1} \end{bmatrix}$ .

To search for a specific file, type in a part of the name of the desired file, and then press

The files with names containing the text that you searched for are found and the first file is displayed. If more than one file is found, press

To reflect until the file that you want to open is displayed.

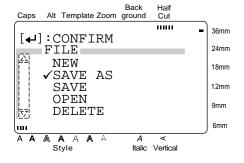
6 Press ← . The selected file appears in the display.

# **NOTE**

When a file created using a template is opened, it is opened in **Template** mode.

# To delete a file that has been saved:

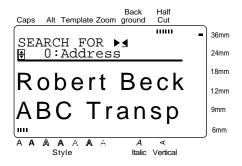
1 Press File .



Press <sup>↑</sup> T until ✓ moves beside DELETE.

# NOTE

To return to the previous screen without making any changes, press .



#### Ch. 3 Functions

4 Select the file that you want to delete, and then press  $\left(\begin{array}{c} \leftarrow \\ N_{MW} Block \end{array}\right)$ .

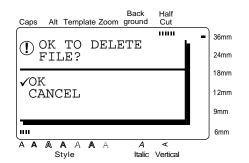
To scan through the saved files, press  $^{\uparrow}_{\mathbb{T}}$  or  $^{\downarrow}_{\mathbb{T}}$ .

NOTE

To select all of the stored files, hold down and press [How Block]. The message "OK TO DELETE FILES?" appears.

To search for a specific file, type in a part of the name of the desired file, and then press  $\leftarrow$  . The files with names containing the text that you searched for are found and the first file is displayed. If more than one file is found, press  $\uparrow$  or  $\downarrow$  until the file that you want to delete is displayed.

To select all of the found files, hold down and press How Block. The message "OK TO DELETE ALL SEARCHED FILES?" appears.



**6** Press  $\begin{bmatrix} \uparrow \\ \bar{x} \end{bmatrix}$  or  $\begin{bmatrix} \downarrow \\ \bar{x} \end{bmatrix}$  until  $\checkmark$  moves beside **OK**.

NOTE

To return to the previous screen without deleting the file, press □ (or move ✓ beside CANCEL, and then press □ ).

**6** Press  $\stackrel{\longleftarrow}{\underset{\text{New Block}}{\longleftarrow}}$  . The selected file is deleted.

## Printing

Image ( + ( zoom )

#### Feed & Cut ( [Feed & Cut ( ]

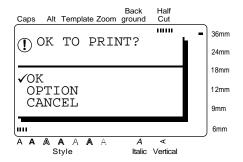
To feed out 25 mm of tape and automatically cut it, press . Press this key to feed out any leftover printed tape after pressing to quit printing.

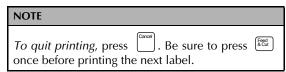
## Print ((Print))

After you have typed in your text and chosen all of the text and label formats that you want to use, you can print it out. A few additional settings can be selected before printing out your label.

#### To print a label using the current print settings:

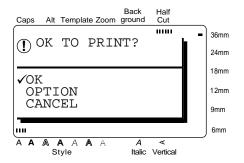
Press (Print). The message "OK TO PRINT?" appears.





#### To print multiple copies of a label:

1 Press (Print).

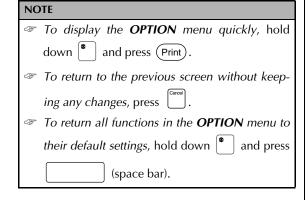


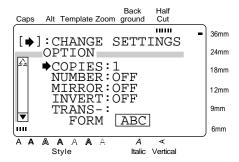
**2** Press  $\uparrow$  or  $\downarrow$  to move  $\checkmark$  beside **OPTION**.

#### NOTE

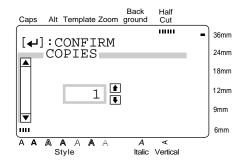
To return to the text without making any changes, press Print at any time.

3 Press ←

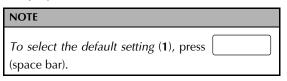




4 Since → is already beside **COPIES**, press → is already beside **COPIES**, press



Type in a number (or press <sup>↑</sup> T or <sup>↓</sup> ) until the desired number of copies is displayed.



6 Press on to confirm the setting and return to the **OPTION** menu.

#### To change the NUMBER setting:

The **NUMBER** (numbering) function can be used to print many copies of the same text while increasing certain characters (letters, number 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.

#### Ch. 3 Functions

Letters and numbers increase as shown below:

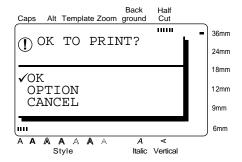


Spaces (shown as underlines "\_" in the examples below) can be used to adjust the space between characters or to control the number of digits that are printed:

$$1_{-9} \rightarrow 2_{-0} \rightarrow ...9_{-9} \rightarrow 0_{-0} \rightarrow ...$$
  
 $0_{-9} \rightarrow 0_{-1} \rightarrow 0_{-1} \rightarrow 0_{-1} \rightarrow 0_{-1}$   
 $0_{-2} \rightarrow 0_{-1} \rightarrow 0_{-1} \rightarrow 0_{-1} \rightarrow 0_{-1}$   
 $0_{-2} \rightarrow 0_{-1} \rightarrow 0_{-1} \rightarrow 0_{-1} \rightarrow 0_{-1}$   
 $0_{-2} \rightarrow 0_{-1} \rightarrow 0_{-1} \rightarrow 0_{-1} \rightarrow 0_{-1}$   
 $0_{-2} \rightarrow 0_{-1} \rightarrow 0_{-1} \rightarrow 0_{-1} \rightarrow 0_{-1}$ 

#### **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.
- 1 Press (Print).



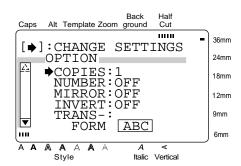
**2** Press  $\uparrow$  or  $\downarrow$  to move  $\checkmark$  beside **OPTION**.

#### NOTE

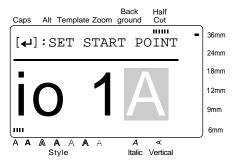
To return to the text without making any changes, press Print at any time.

3 Press ← New Block

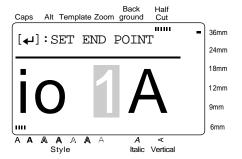
- To display the **OPTION** menu quickly, hold down and press (Print).
- To return to the previous screen without keeping any changes, press .
- To return all functions in the **OPTION** menu to their default settings, hold down and press (space bar).



- Press <sup>↑</sup> T or <sup>↓</sup> to move → beside NUMBER.
- **6** Press  $\rightarrow$  .



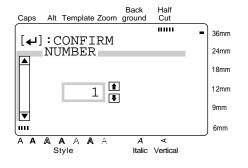
- Press ← , → , ↑ , or ↓ until the first character that you wish to select for the numbering field is selected.
- **7** Press ← .



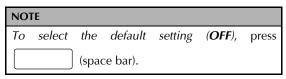
Press ← until all of the characters that you wish to select for the numbering field are selected.

#### NOTE

- If a barcode was selected in step 6, this step is skipped.
- A numbering field must be located entirely within one line of text of a single block.
- The maximum number of characters in a numbering field is five.
- If you try to choose more than five characters, the error message "INCORRECT OPERATION FOR NUMBERING FUNCTION" will appear.
- 9 Press ← .



Type in a number (or press  $\uparrow$  or  $\downarrow$  ) until the desired number of copies is displayed.



• Press — to confirm the setting and return to the **OPTION** menu.

#### To print a mirror image of the text:

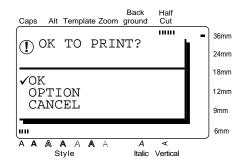
With the **MIRROR** function, you can print your text in reverse so that it can be read from the adhesive side of the tape.





If these labels are printed on clear tape and affixed to glass or any other clear material, the text can be read correctly from the opposite side.

1 Press (Print).



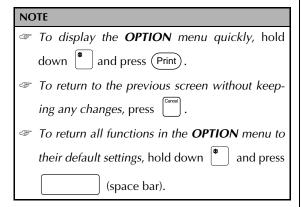
Press <sup>↑</sup> T or ↓ to move ✓ beside OPTION.

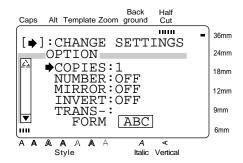
#### NOTE

To return to the text without making any changes, press (Print) at any time.

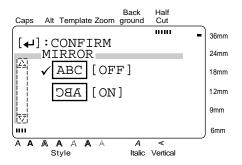
#### Ch. 3 Functions

Press ← New Block
 New Block
 New Block

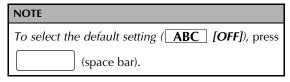




- Press ↑ or ↓ to move → beside MIR-ROR.
- **6** Press  $\stackrel{\rightarrow}{\mapsto}$  .



6 Press ↑ or ↓ to move ✓ beside the desired setting.



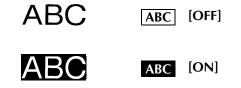
Press Universities to confirm the setting and return to the **OPTION** menu.

#### To print an inverted image of the text:

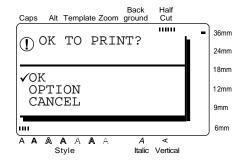
The **INVERT** function prints all light areas so that they are dark and all dark areas so that they are light.

#### NOTE

Some fine details in the printing may be lost when this function is used.



1 Press (Print).



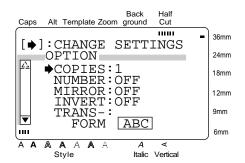
Press ↑ or ↓ to move ✓ beside OPTION.

#### NOTE

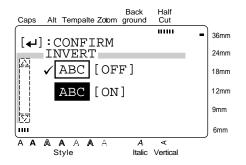
To return to the text without making any changes, press (Print) at any time.

# NOTE To display the OPTION menu quickly, hold down and press Print. To return to the previous screen without keeping any changes, press

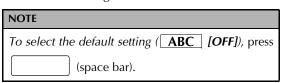
To return all functions in the **OPTION** menu to their default settings, hold down and press (space bar).



- Press <sup>↑</sup> T to move → beside INVERT.
- **6** Press  $\stackrel{\rightarrow}{\bowtie}$ .



Press <sup>↑</sup> T or ↓ to move ✓ beside the desired setting.

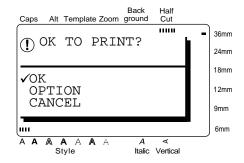


Press Universities to confirm the setting and return to the **OPTION** menu.

#### To change the shape of the text:

Use the **TRANSFORMATION** function to create interesting text effects by molding the text into different shapes. Refer to page 69 for samples of the shapes that are available.

1 Press (Print).



Press <sup>↑</sup> T or <sup>↓</sup> to move ✓ beside OPTION.

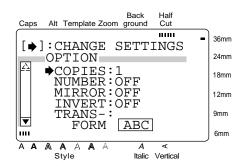
#### NOTE

To return to the text without making any changes, press Print at any time.

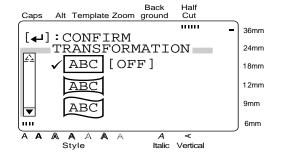
# \*\* To display the **OPTION** menu quickly, hold down and press Print.

To return to the previous screen without keeping any changes, press
.

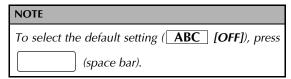
To return all functions in the **OPTION** menu to their default settings, hold down and press (space bar).



- **♦** Press  $^{\uparrow}$  or  $^{\downarrow}$  to move → beside **TRANSFORM**.
- **6** Press  $\stackrel{\rightarrow}{\mapsto}$ .



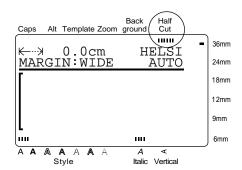
6 Press ↑ or ↓ to move ✓ beside the desired setting.



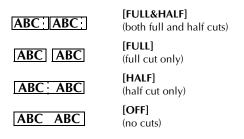
Press ( to confirm the setting and return to the **OPTION** menu.

#### To change the CUT setting:

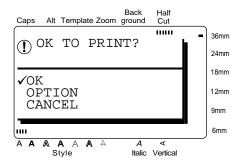
The way that labels are cut off after being printed can be selected using the **CUT** function. A full cut completely cuts off the label. When a half cut setting is selected, the **HALF CUT** indicator lights up and the tape is cut without cutting the label backing. This makes it easier to remove the backing paper from the labels.



The following **CUT** settings are available:



1 Press (Print).



Press ↑ or ↓ to move ✓ beside OPTION.

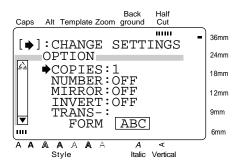
#### **NOTE**

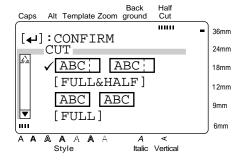
To return to the text without making any changes, press (Print) at any time.

NOTE

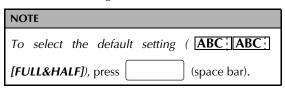
To display the OPTION menu quickly, hold down and press Print.
To return to the previous screen without keeping any changes, press To return all functions in the OPTION menu to their default settings, hold down and press

(space bar).





6 Press <sup>↑</sup> T or <sup>↓</sup> to move ✓ beside the desired setting.



Press Local to confirm the setting and return to the **OPTION** menu.

#### To use SPLIT printing:

The **SPLIT** function enlarges the text and prints it on 2, 3 or 4 labels, which can be assembled to create extra-large labels.

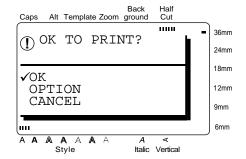


Cut off the blank space on the bottom of the first label, then put the top and bottom parts together so that there is no break in the characters.

#### NOTE

If the labels are printed on transparent tape, they can be put together without being cut.

1 Press (Print).



Press <sup>↑</sup> T or to move ✓ beside OPTION.

#### NOTE

To return to the text without making any changes, press (Print) at any time.

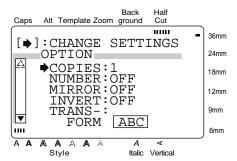
#### Ch. 3 Functions

3 Press ← New Block

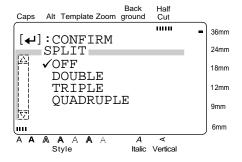
NOTE

To display the OPTION menu quickly, hold down and press Print.

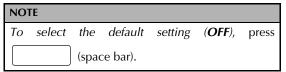
To return to the previous screen without keeping any changes, press To return all functions in the OPTION menu to their default settings, hold down and press (space bar).



- **4** Press  $\begin{bmatrix} \uparrow \\ \bar{x} \end{bmatrix}$  or  $\begin{bmatrix} \downarrow \\ \bar{x} \end{bmatrix}$  to move **→** beside **SPLIT**.



6 Press <sup>↑</sup> T or ↓ to move ✓ beside the desired setting.



Press — to apply the setting and return to the **OPTION** menu.

## Setting display features

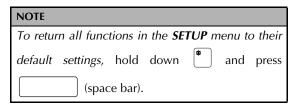
#### Setup (Setup)

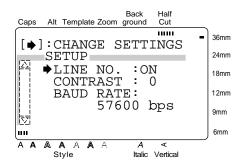
Pressing bloom displays four functions which let you change the general appearance of text shown on the display.

#### To change the LINE NO. setting:

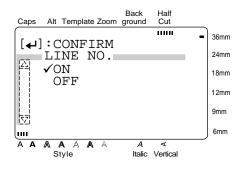
This function allows you to select whether or not the number of the line currently containing the cursor is displayed during **Zoom** mode. (The line numbers are not displayed in WYSIWYG mode.)

1 Press (Setup).





2 Since  $\rightarrow$  is already beside **LINE NO.**, press  $\rightarrow$ 



Press ↑ or ↓ to move ✓ beside the setting that you wish to select.

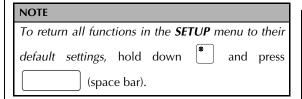
# To select the default setting, press (space bar).

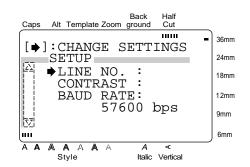
- ◆ Press ← once to confirm the setting and return to the SETUP menu.
- **6** Press  $\left(\begin{array}{c} \leftarrow \\ N_{\text{New Block}} \end{array}\right)$  again to apply the setting.

#### To change the CONTRAST setting:

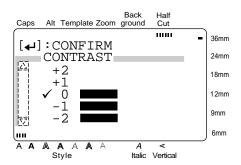
The **CONTRAST** function enables you to make the LCD display lighter or darker.

1 Press (Setup).





- 2 Press  $^{\uparrow}_{\underline{x}}$  or  $^{\downarrow}_{\underline{x}}$  to move  $\Rightarrow$  beside **CONTRAST**.
- 3 Press → .



4 Press  $\uparrow$  or  $\downarrow$  to move  $\checkmark$  beside the setting that you wish to select.

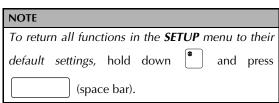
# To select the default setting, press (space bar).

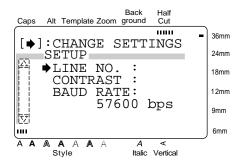
- Press once to confirm the setting and return to the **SETUP** menu.
- **6** Press ← again to apply the setting.

#### To change the BAUD RATE setting:

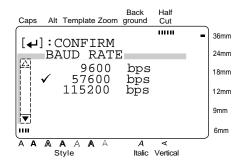
This function lets you choose the baud rate for sending data when the P-touch is connected to a computer.

1 Press Setup.

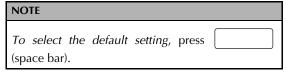




- Press ↑ or ↓ to move → beside BAUD RATE.
- 3 Press → .



Press <sup>↑</sup> To r ↓ to move ✓ beside the setting that you wish to select.



- **6** Press once to confirm the setting and return to the **SETUP** menu.
- 6 Press Annual again to apply the setting.

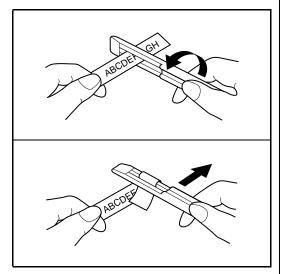
## Chapter **4**

# Using Labels and Stamps

## Laminated tape

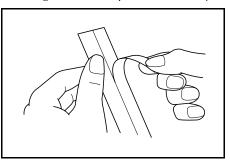
The backing from labels printed on laminated tapes can easily be removed if a half cut setting was used (refer to page 70). However, if a half cut setting was not used, the backing paper can be removed by using the enclosed lettering stick.

- Hold the tape in your left hand, with the printed surface facing up, and hold the lettering stick in your right hand.
- Pass the tape halfway through the long narrow hole in the stick.
- **3** Turn the stick three quarters of a turn towards you and pull the stick away from you as shown below.
- Peel off the label backing.



## Non-laminated tape

Slightly fold labels printed on non-laminated tape in half so that the inside edges of the two backing pieces come off the label, enabling them to be peeled off easily.



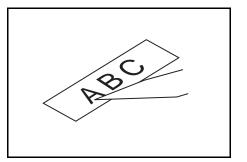
## Instant-lettering tape

By printing your text on instant-lettering tape (rub-on transfers), you can transfer the text directly onto a sheet of paper.

- Place the label with its printed side facing down on the paper.
- **2** Rub the label's non-printed side with the enclosed lettering stick.

#### NOTE

Hold the label very firmly so that it does not move while you transfer the text.

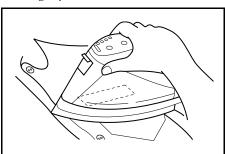


## Iron-on transfer tape

Anything you print on iron-on transfer tape can be transferred onto fabrics.

#### NOTE

- Although the iron-on transfers are non-toxic, do not place them in your mouth.
- Do not store iron-on transfer tape cassettes in areas exposed to direct sunlight, high humidity or dust.
- Iron the garment to flatten it before transferring the text.
- Place the label at the desired position on the garment with the label's non-printed side facing up.
- 3 Set the iron to cotton (150 to 180 °C), and then press down on the label with the iron for about 15 seconds.
- 4 Allow the iron-on transfer to cool (for about 60 seconds), and then carefully remove the backing tape.



#### NOTE

- White garments made from 100% cotton with a plain (smooth) surface are best for making ironon transfers.
- You can also make transfers to garments made from 100% linen or cotton/polyester blends as long as they have a plain (smooth) surface.
- The iron-on will not adhere properly to any cloth with a rough surface, such as pile or denim, or with a waterproof surface. Heat-sensitive materials, such as nylon, acetate or other similar fibres, are unsuitable since they may be damaged when pressed with an iron at a high temperature.
- Press the iron straight down onto the cloth. Do not move the iron while pressing, otherwise the label may move out of desired position.
- After the backing tape has been removed, the transferred iron-on may appear glossy. In addition, some white spots may have appeared on the iron-on if it was touched while the backing tape was peeled off. These can be removed by ironing over the iron-on transfer with a piece of cloth placed between it and the iron.
- The iron-on transfer will have a white background if it is ironed onto coloured cloth.
- Since the transferred iron-on cannot be removed once it is applied, make all transfers with care.

#### Washing

Garments with iron-ons can be washed over 20 times if the iron-on has been transferred correctly. General household detergents may be used.

The iron-on may become discoloured if the garment is placed in bleach for an extended length of time.

Be careful that hard objects, such as buckles or buttons, do not come into contact with the iron-on in the wash.

Do not dry clean garments which have had iron-on transfers applied.

#### Ch. 4 Using Labels and Stamps

#### **Drying**

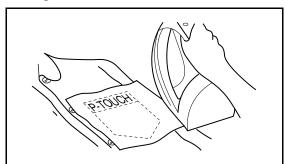
Do not tumble dry garments which have had iron-on transfers applied. The transfers may come off and stick to other items of clothing.

Garments with iron-on transfers may be dried either inside or outside out.

#### **Ironing**

Use normal temperature settings to iron garments with transfers.

Iron with a piece of cloth placed between the iron and the iron-on transfer to prevent it from sticking to the iron.



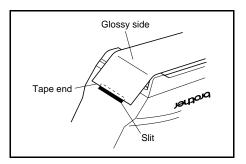
## Stamp film

In addition to labels, your P-touch can be used to make custom, pre-inked stamps for various uses (optional stamp kit required). Simply design your own customised stamps using one of the pre-formatted stamp templates, and then affixing the printed stamp stencil to a self-inking stamp film holder.

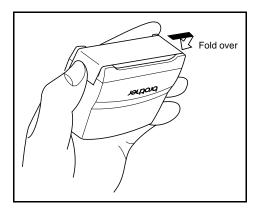
- Install a stamp film cassette and enter text into a pre-formatted stamp template. Refer to pages 57 through 61 for more details on using templates.
- **2** Print out the stamp stencil and remove its backing paper.
- Remove the frame from around the stamp holder ink pad, one end at a time, and then remove the protective seal covering the ink pad.

- If the stamp holder already contains a stamp film, hold the stamp over a piece of scrap paper and remove the stamp frame by pulling it off, one end at a time. Then, slowly peel off the stamp film. Be careful that the ink does not splatter.
- Keep the stamp film holder out of the reach of children.
- Avoid getting ink in your eyes or mouth. If ink gets in your eyes or mouth, immediately wash it with fresh water for several minutes and consult a doctor.
- Keep ink off skin, clothes and important papers. Immediately use soap to wash skin that has come in contact with ink. Even washing may not remove all ink.

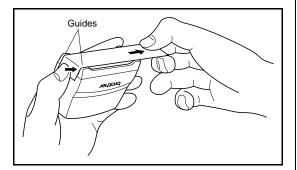
4 With the glossy side of the stamp film facing up, align one end of the stamp film with the slit in the side of the stamp holder.



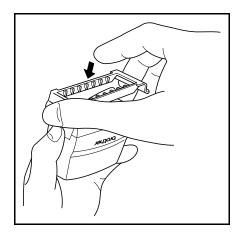
6 Hold the end of the stamp film in place with your thumb, then pass the stamp film through the guides while pulling it tight.



6 Fold the other end of the stamp film over the other side of the stamp holder and hold it in place with your finger.



Fit the frame over the stamp film, and then push the frame into place.



8 Insert the stamp holder straight into the cap.

- Be sure that the cap correctly covers the stamp in order to prevent ink spills.
- When the stamp is not being used, firmly cover it with the cap and always store it standing up with the stamp facing downward. Do not leave the stamp laying on its side or leaning.
- Store stamp film holders and stamp film cassettes in a location where they are not exposed to high temperatures, high humidity or direct sunlight.

#### Ch. 4 Using Labels and Stamps

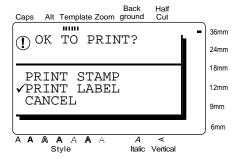
## Printing an identification label for the stamp holder

Insert a TZ tape cassette into the tape compartment.

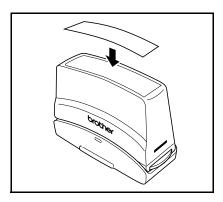
#### NOTE

Use 12-mm-wide tape to make an identification label for an M-size stamp and use 18-mm-wide tape to make a label for an L-size stamp.

Print out the identification label. Refer to page 60 for more details on printing identification labels.



After the label is cut off, affix it to the end of the holder so that its bottom edge is on the same side of the stamp holder as the raised "brother" logo.



#### **Stamping**

Since the length of time and amount of pressure that the stamp holder should be held down depends on the amount of ink in the holder, first practise stamping on a piece of scrap paper.

You can expect to use a stamp film holder approximately 300 to 500 times, although some ink is lost when the stamp film is changed. The actual life of the stamp film holder will vary depending on the size and thickness of the characters, whether a shading pattern is used, etc.

- After stamping, wait until the ink has completely dried before touching it in order to prevent smearing.
- If the stamp holder is not pressed straight down, the stamp may be blurred.
- Do not press the stamp holder down too forcefully.
- Do not stamp on wet, sticky, rough or uneven surfaces. Only stamp on paper. The ink will not dry on plastic overhead projector transparencies and other ink-impermeable objects.
- If a stamp made with a new stamp film is faint or incomplete, even after forcefully pressing down the stamp holder for up to 30 seconds, replace the stamp holder with a new one. Do not try to refill the stamp holder.

ERROR MESSAGE	CAUSE	SOLUTION
4 DIGITS MINIMUM	This message appears if less than the minimum four digits are entered as the barcode data.	● Enter a minimum of four digits before pressing ←
5 BARCODE LIMIT	This message appears if five barcodes already exist when you press	Limit the number of bar- codes in the text to five.
5 BLOCK LIMIT	This message appears if five blocks already exist when you hold down and press to add a new block or when you try to add currency conversion text.	Limit the number of blocks in the text to five.
10 LINE LIMIT	This message appears if ten lines have already been entered in a block of text when you press  or try to add currency conversion text.	<ul> <li>Limit the number of lines in the text block to ten or hold down and press</li> <li>Limit the number of lines in the text block to ten or hold down and press</li> <li>Limit the number of lines in the number of lines in the text block to ten or hold down and press</li> </ul>
	This message appears if you press to delete text, causing the number of lines in a block to exceed the ten-line limit.	Adjust the number of lines so that the block will not have more than ten lines.
30 CHARACTER LIMIT	<ul> <li>This message appears if more than 30 characters are selected when you press [SPRED].</li> </ul>	<ul> <li>Limit the number of characters that will be copied and pasted to 30.</li> </ul>
BARCODE MUST START & END WITH A, B, C OR D	<ul> <li>This message appears if A, B, C or D has not been entered at the beginning and end of a barcode with the CODABAR protocol.</li> </ul>	<ul> <li>Enter A, B, C or D at the beginning and end of the barcode.</li> </ul>

ERROR MESSAGE	CAUSE	SOLUTION
BUFFER EMPTY	This message appears if no text has been typed in when you press Ama or Print, when you hold and press Ama or Zoom or when you press Hock, after selecting BLOCK, LINE or CHARACTER (FRAME or SHADING menus), or SAVE AS or SAVE (FILE menu).	Type in some text before trying to perform any of these operations.
BUFFER FULL	<ul> <li>This message appears if enough text has already been entered to fill the buffer, and you try to paste in text or add a character, a space, a new line, a new block, a symbol, an accented character, a diacritical mark, a barcode or currency conversion text.</li> <li>This message appears if enough text has already been entered to fill the buffer, and you press (A/M),</li> </ul>	<ul> <li>Delete some of the text before trying to add any more.</li> <li>Delete some of the text before trying to change the text format.</li> </ul>
CAN'T FIND FILE	This message appears if a file with the entered file name cannot be found.	Search for a different file name.
CLOSE CASSETTE COVER	<ul> <li>This message appears if the tape compartment cover is open.</li> </ul>	<ul> <li>Close the compartment cover.</li> </ul>
CUTTER ERROR TURN POWER OFF, THEN ON AGAIN	This message appears if the cutter did not operate correctly.	Turn off the P-touch, and then turn it on again.
HALF-CUT ERROR TURN POWER OFF, THEN ON AGAIN	This message appears if the half cutter did not operate correctly.	Turn off the P-touch, and then turn it on again.
INCORRECT NUMBER OF DIGITS FOR BARCODE TYPE	This message appears if the barcode data that is entered contains the incorrect number of digits for the selected barcode protocol.	Enter barcode data that contains the correct number of digits.

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ERROR MESSAGE	CAUSE	SOLUTION
INCORRECT OPERATION FOR NUMBERING FUNCTION	<ul> <li>This message appears if characters in different lines or blocks are selected as a numbering field (NUMBER function on the OPTION menu).</li> </ul>	<ul> <li>Adjust the numbering field so that it only contains characters within a single line of a single block.</li> </ul>
	<ul> <li>This message appears if a barcode is selected together with other characters as a numbering field (NUMBER function on the OPTION menu).</li> </ul>	<ul> <li>Select either the barcode or the characters alone as the numbering field.</li> </ul>
	<ul> <li>This message appears if more than five characters are selected as the numbering field (NUMBER func- tion on the OPTION menu).</li> </ul>	<ul> <li>Limit the numbering field to five characters.</li> </ul>
INSERT CASSETTE	<ul> <li>This message appears if no tape cassette is installed when you try to print text.</li> </ul>	<ul> <li>Install a tape cassette and try again.</li> </ul>
INTERFACE MODE INTERFACE ERROR	<ul><li>This message appears if an error occurs while receiving data.</li><li>This message appears if the size of</li></ul>	<ul><li>Cancel the print job, and then try printing again.</li><li>Cancel the print job, install</li></ul>
	the data being sent is larger than the width of the installed tape cassette.	the correct tape cassette, and then try printing again.
INTERFACE MODE TAPE CASSETTE CHANGED	<ul> <li>This message appears if the tape cassette is changed between the moment that the data begins to be received until the moment that the print command is received.</li> </ul>	<ul> <li>Cancel the print job, install the correct tape cassette, and then try printing again.</li> </ul>

ERROR MESSAGE	CAUSE	SOLUTION
LENGTH LIMIT	This message appears if you try to paste in text or add a character, a space, a new block, a symbol, a diacritical mark, an accented char- acter, a barcode, currency conver- sion text or a frame/shading, causing the text to exceed the 1.2- metre limit.	Delete some of the text or reduce the character size before trying to add more text.
	This message appears if you press  after changing a label format function on the <b>FORMAT</b> menu, or press  fort, Soo, Worth,  Solo, Male , A/A Vest Jising  the text to exceed the 1.2-metre limit.	Delete some of the text before trying to change the label or text formats.
	<ul> <li>This message appears if you try to print using the <b>NUMBER</b> (number- ing) function, causing the text to exceed the 1.2-metre limit.</li> </ul>	Delete some of the text or reduce the character size.
	• This message appears if you press  to delete text, causing the text to exceed the 1.2-metre limit.	Delete some of the text or reduce the character size.
	<ul> <li>This message appears if you try to recall a text file from the memory, causing the text to exceed the 1.2- metre limit.</li> </ul>	Delete some of the text before recalling it.
LIMIT EXCEEDED SET BETWEEN 4.0-30.0 cm	This message appears if the set label length (LENGTH function on the FORMAT menu) is not within the range 4.0 to 30.0 cm.	Type in a label length that is within the specified range.
LIMIT REACHED	This message appears if you try to add more than 50 underlines, frames and shadings.	• Limit the number of under- lines, frames and shadings in the text to 50.

ERROR MESSAGE	CAUSE	SOLUTION
LINE LIMIT	<ul> <li>This message appears if you press</li> <li>to delete text, press</li> <li>to add a new line, or try to add currency conversion text, causing the number of lines in a block to exceed the maximum possible for the installed tape.</li> <li>This message appears if you try to recall a file or print text which contains more lines than the maximum possible for the installed tape.</li> </ul>	<ul> <li>Adjust the number of lines so that the block will not have more than the maximum possible.</li> <li>Reduce the number of lines or install a wider tape.</li> </ul>
MACHINE ERROR TURN POWER OFF, THEN ON AGAIN	<ul> <li>This message appears if there is a problem with the machine's mem- ory.</li> </ul>	Contact your service representative.
MEMORY FULL	<ul> <li>This message appears if you try to store a message that is too large to fit in the available memory space (maximum of 3,000 characters).</li> </ul>	<ul> <li>Delete an unwanted file to make space for the new one.</li> </ul>
MEMORY FULL. DELETE SOME FILES & TRY AGAIN	<ul> <li>This message appears if there are no empty files available when NEW or SAVE AS (FILE menu) is selected.</li> </ul>	Delete any unwanted files to make space for new ones.
NO FILES	<ul> <li>This message appears if no files are stored in the memory when you try to recall or delete one.</li> </ul>	<ul> <li>Store a text file before try- ing to recall or delete one.</li> </ul>
OVERFLOW	This message appears if you press to calculate a currency conversion, but the resulting text exceeds 12 characters.	Change the currency conversion setup so that the resulting text will not exceed 12 characters.
RAM PROBLEM	<ul> <li>This message appears if there is a problem with the machine's mem- ory.</li> </ul>	Contact your service representative.
ROM PROBLEM	<ul> <li>This message appears if there is a problem with the machine's mem- ory.</li> </ul>	Contact your service representative.
SET 9mm	This message appears if a 9-mm-wide tape cassette is not installed when printing a label created using a template for 9-mm-wide tape.	• Install a 9-mm-wide tape cassette.

ERROR MESSAGE	CAUSE	SOLUTION
SET 12mm	<ul> <li>his message appears if a 12-mm- wide tape cassette is not installed when printing a label created using a template for 12-mm-wide tape.</li> </ul>	Install a 12-mm-wide tape cassette.
SET 18mm	This message appears if a 18-mm-wide tape cassette is not installed when printing a label created using a template for 18-mm-wide tape.	<ul> <li>Install a 18-mm-wide tape cassette.</li> </ul>
SET 24mm	This message appears if a 24-mm-wide tape cassette is not installed when printing a label created using a template for 24-mm-wide tape.	• Install a 24-mm-wide tape cassette.
SET 36mm	This message appears if a 36-mm-wide tape cassette is not installed when printing a label created using a template for 36-mm-wide tape.	• Install a 36-mm-wide tape cassette.
SET STAMP L	<ul> <li>This message appears if an L-size stamp film cassette is not installed when printing a stamp created using a template for L-size stamp film.</li> </ul>	<ul> <li>Install an L-size stamp film cassette.</li> </ul>
SET STAMP M	<ul> <li>This message appears if an M-size stamp film cassette is not installed when printing a stamp created using a template for M-size stamp film.</li> </ul>	Install an M-size stamp film cassette.
SYSTEM ERROR	This message appears if there is a problem with the machine's software.	Contact your service representative.
TAPE END. PLEASE CHANGE TAPE CASSETTE	<ul> <li>This message appears if the end of the tape in the cassette has been reached.</li> </ul>	Replace the tape cassette.
TEMPLATES CANNOT BE PRINTED ONTO LETTERING OR IRON-ON TAPES	This message appears if you try to print a template on iron-on or lettering tape.	<ul> <li>Install a tape cassette that does not contain iron-on or lettering tape.</li> </ul>
TEXT TOO HIGH	This message appears if the height of the text is larger than the width of the installed tape.	<ul> <li>Reduce the number of lines in the text, reduce the size of the characters, or install a tape with a greater width.</li> </ul>

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ERROR MESSAGE	CAUSE	SOLUTION
TEXT TOO LONG	This message appears if the length of the text is longer than the label length that has been set.	Delete some of the text, reduce the character width, or increase the set label length.
	<ul> <li>This message appears if the text typed into a line in a template (TEMPLATE function) exceeds the preset length.</li> </ul>	Enter fewer characters.
UNABLE TO PERFORM THIS OPERATION HERE	• This message appears if the cursor is located in a barcode mark when you try to paste in text or add a character, a space, a new line, a new block, a symbol, a diacritical mark, an accented character or currency conversion text.	Move the cursor or delete the barcode before trying to add any more text.
	<ul> <li>This message appears if the cursor is located in a barcode mark when you press fort, Soo, Worth, Sole,</li> <li>later , A/A or Vert .</li> </ul>	Move the cursor or delete the barcode before trying to change the text format.

## TROUBLESHOOTING

Problem	Solution
(1) The display stays blank after you have turned on the machine, or abnormal characters are displayed.	<ul> <li>Check that the power supply cord is connected.</li> <li>Reset the machine by turning it off, and while holding down and turning it off, and while holding down and turning the machine back on.</li> <li>The text and formats in the display and all text files stored in the memory are erased.</li> </ul>
(2) The text shown in the display cannot be read.	Use the <b>Zoom</b> mode to zoom in on the text. Refer to page 36.
(3) The machine does not print or the printed characters are blurred.	<ul> <li>Check that the tape cassette has been inserted properly.</li> <li>If the tape cassette is empty, replace it with a new one.</li> <li>Make sure that the tape compartment cover has been closed.</li> </ul>
(4) The text is printed on striped tape.	You have reached the end of the tape in the cassette. Replace it with a new one.

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Problem	Solution
(5) A blank horizontal line appears through	1 Turn off the machine.
the text in the printed label.	2 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.
	Print head: Use a dry cotton swab to gently wipe up and down along the print head.
	Print head
	Rollers: Use a dry cotton swab to wipe up and down along each roller while rotating them with your finger.
	Print head  Rollers  Cotton swab
	4 Install a tape cassette, close the tape compartment cover, and then try printing again.
	If a blank streak still appears in the printed label, repeat steps 2 through 4 using a cotton swab dipped in isopropyl (rubbing) alcohol.
	If none of the above works, contact your service representative.

#### **TROUBLESHOOTING**

## **Problem** Solution The tape is not ejected correctly after being Turn off the machine, open the tape comautomatically cut. partment cover, and remove the tape cassette if one is installed. Using a cotton swab dipped in isopropyl (rubbing) alcohol, clean off the metal piece in the exit slot to the left of the cutter. Cutter Cotton swab Metal piece (Area to be cleaned) (7) The machine has "locked up" (i.e., noth-Reset the machine by turning it off, and ing happens when a key is pressed). while holding down and ing the machine back on. All text and formats in the display and in the memory will be erased. After turning on the P-touch, the message The internal backup battery is low. Con-"BACKUP MEMORY CLEARED" appears tact your nearest service representative. and all of the files in the memory are lost.

## **MACHINE SPECIFICATIONS**

#### **HARDWARE**

Power supply: Input AC 230 V 50Hz

(Auto power off if no key is pressed within 30 minutes)

Input device: Keyboard (79 keys)

LCD:  $118 \times 64 \text{ dots}$ 

21 indicators (with back light)

Print tape: 6 widths available:

6 mm 9 mm 12 mm 18 mm 24 mm 36 mm

Print head: 384 dots/360-dpi resolution

Tape cutter: Auto full cutter

Auto half cutter

Dimensions:  $335 \times 312 \times 101 \text{ mm}$ 

Weight: 2.5 kg

#### **SOFTWARE**

Character fonts: 10 built-in fonts (Helsinki, Brussels, Calgary, US, San Diego, Florida,

Brunei Bold, Los Angeles, Bermuda Script, and Istanbul)

Character sizes: **AUTO** plus 9 point sizes (6, 9, 12, 18, 24, 36, 48, 60, and 72 points)

Character styles: 9 built-in type styles (Normal, Bold, Outline, Solid, Shadow, Out-

line+Shadow, Stripe, Italic, and Vertical)

Buffer size: Maximum 1.2-metre line of text

Maximum 10 lines Maximum 5 blocks

Memory size: Approximately 3,000 characters

#### **MACHINE SPECIFICATIONS**

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## *Symbols* ⇒ *p. 27*

The following symbols are available.

Category															
PUNCTUATION								l ,			<u> </u>				
	Symbol	•	+	×	÷	±	=	\	§	¶	®	©	TM	į	i
	Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Symbol	@	#	&											
	Number	15	16	17											
BRACKET	Symbol	[	]	{	}	<	>	«	»						
	Number	18	19	20	21	22	23	24	25						
ARROW	Symbol	$\rightarrow$	$\leftarrow$	1	$\downarrow$	<b>→</b>	+	<b>↑</b>	•	$\leftrightarrow$	⇄				
	Number	26	27	28	29	30	31	32	33	34	35				
	Symbol	0	\$	Fr	¥	f	£	DM	Pts	Kr	in	mm	cm	km	kg
	Number	36	37	38	39	40	41	42	43	44	45	46	47	48	49
	Symbol	gm	СС	e	٩F	℃	OZ.	lb.	ft.	zł	Pf	€	¢		
	Number	50	51	52	53	54	55	56	57	58	59	60	61		
LETTER	Symbol	<u>a</u>	Ō	В	22	α	β	Υ	δ	μ	Ω				
	Number	62	63	64	65	66	67	68	69	70	71				
NUMBER	Symbol	1/2	1/3	1/4	1	2	3	4	(5)	6	7	8	9	10	±
	Number	72	73	74	75	76	77	78	79	80	81	82	83	84	85
	Symbol	-	+	0	1	2	3	4	5	6	7	8	9	±	-
	Number	86	87	88	89	90	91	92	93	94	95	96	97	98	99
	Symbol	+	0	1	2	3	4	5	6	7	8	9			
	Number	100	101	102	103	104	105	106	107	108	109	110			
PICTOGRAPH	Symbol	*	0	•		Δ	<b>*</b>	*	+	*	×	+	•	\$	5
	Number	111	112	113	114	115	116	117	118	119	120	121	122	123	124
	Symbol	<b>8</b> %	<b>®</b>	÷											
	Number	125	126	127	128										

94

Category															
WARNING 1	Symbol	0	8	<b>®</b>	8	<b>⊗</b>	8	<b>(3</b> )	(3)	1	<b>(h)</b>	<b>®</b>	8	8	<b>®</b>
	Number	129	130	131	132	133	134	135	136	137	138	139	140	141	142
	Symbol	8	8	8	(1)	(8)	<b>3</b>	1		<b>(B)</b>	8	(8)	<b>®</b>	8	8
	Number	143	144	145	146	147	148	149	150	151	152	153	154	155	156
	Symbol	*	*												
	Number	157	158				•								
WARNING 2	Symbol	$\triangle$	<u> </u>		A				À	A	A			A	A
	Number	159	160	161	162	163	164	165	166	167	168	169	170	171	172
	Symbol		$\triangle$	⚠	Â	À	<u>A</u>		Â	$\triangle$	Â	Ŵ	A	<u>A</u>	A
	Number	173	174	175	176	177	178	179	180	181	182	183	184	185	186
	Symbol		A	Â		<u></u> ♣••		A					A	À	<u></u>
	Number	187	188	189	190	191	192	193	194	195	196	197	198	199	200
	Symbol	<b>\(\frac{1}{2}\)</b>	⟨essaw⟩		<b>\$</b>	<b>€</b>									
	Number	201	202	203	204	205		П	П	П	П	ı	П	ı	1
WARNING 3	Symbol	•	<b>(1)</b>	<b>(1)</b>	0	0		0	Θ	9	0	<b>(2)</b>	6	9	3
	Number	206	207	208	209	210	211	212	213	214	215	216	217	218	219
	Symbol	<b>(1)</b>	0		1	0	<b>(4)</b>	•			A	8	ំង	<b>°</b>	Ÿ
	Number	220	221	222	223	224	225	226	227	228	229	230	231	232	233
	Symbol	Ñ	M.	7		Y	<b>–</b>	<u>11</u>	4	*	R		$\bigcap$	গ	
	Number	234	235	236	237	238	239	240	241	242	243	244	245	246	
INFORMATION	Symbol	74		<b>*</b>	亦	i i	Ŀ		È	Ė	<b>5</b>	<b>(£)</b>	Ť	<b>ġ</b> ∕~	<b>†</b>
	Number	247	248	249	250	251	252	253	254	255	256	257	258	259	260
	Symbol	8	÷	#	?	6	VIII			*	4	•	-72		4
	Number	261	262	263	264	265	266	267	268	269	270	271	272	273	274
	Symbol		H	0		JrC		OŽS	<b>\$\bar{\pi}</b>	£	<u> </u>	×	•		C
	Number	275	276	277	278	279	280	281	282	283	284	285	286	287	288
	Symbol		್ಕಿ	וֹלֶי וֹ	Ŷ- <b>Ņ</b>	J		9							
	Number	289	290	291	292	293	294	295	296	297					

Category															
TRAFFIC	Symbol		Р		(F)	<b>(a)</b>	<b>⊗</b>	®							
	Number	298	299	300	301	302	303	304							
OTHER SIGNS	Symbol	<b>7</b>	<b>I</b>	*	<b>(</b> ₹1	tan		1	Ci	<b>₽</b>	Δħ	滋	$\bigcirc$		n
	Number	305	306	307	308	309	310	311	312	313	314	315	316	317	318
	Symbol		<u> </u>	<b>*</b>	(i)		23	<del>(+ 1)</del>		÷	9 <u></u> -/-				1
	Number	319	320	321	322	323	324	325	326	327	328				
OCCASIONS	Symbol		*		粉		<b>A</b>		1	Ö		<b>3</b>			<b>*</b>
	Number	329	330	331	332	333	334	335	336	337	338	339	340	341	342
	Symbol	<b>10</b>	8		W.	*	*	<b>S</b>		Đ.					
	Number	343	344	345	346	347	348	349	350	351	352				
ANIMALS	Symbol	<b>\$</b>		<b>3</b>	A				M	8	F				
	Number	353	354	355	356	357	358	359	360	361	362	363	364		
FLORAL	Symbol	業		<b>P</b>	R.										
	Number	365	366	367	368			T							,
FOOD/DRINK	Symbol	6		•	V	٨	3			4	Ť	<b>*</b>		e gar	E PARTIE
	Number	369	370	371	372	373	374	375	376	377	378	379	380	381	382
	Symbol	¥	<b>A</b>		0										
	Number	383	384	385	386		ı		ı	ı	ı	ı	ı	ı	1
OFFICE	Symbol		1		1		ST)								
	Number	387	388	389	390	391	392	393	394	395	396	397	398	399	400
	Symbol		M		<b>T</b>		凹		圕	$\odot$	0	m			<b>~</b>
	Number	401	402	403	404	405	406	407	408	409	410	411	412	413	414
	Symbol	1	Jo		A. C.										
	Number	415	416	417	418	419	420		1	ı	1	1	ı	ı	,
SPORTS	Symbol	⊗	Ŧ		寒	°/	K	9	1	:/	<b>)</b> ,	<b>©</b>	Ŋ.	48	£
	Number	421	422	423	424	425	426	427	428	429	430	431	432	433	434
	Symbol	Æ	di.												
	Number	435	436												

Category													
FIRST AID	Symbol		pagi di		Æ,								
	Number	437	438	439	440								
TRANSPORT	Symbol		<b>4</b>	1	No.								
	Number	441	442	443	444								
TOOLS	Symbol		1200	~	1								
	Number	445	446	447	448								
ASTROLOGY	Symbol		7. A.		9								
	Number	449	450	451	452								
POINTERS	Symbol	B	Œ"	<b>E</b>	T)	6	•		The state of the s				
	Number	453	454	455	456	457	458	459	460				
FISH	Symbol	7											
	Number	461	462										
INSECTS	Symbol	W	M		*								
	Number	463	464	465	466								
VIDEO	Symbol	88	6	ů	Şŧ	P		d	ø	•			
	Number	467	468	469	470	471	472	473	474	475			

## Special barcode characters ⇒ p. 29

The following special characters can only be added to barcodes created using protocols 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	@	<i>7</i> 5	VT	92	FS
59	[	76	FF	92	I
60	\	77	CR	93	GS
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

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

Value	Character				
1	+				
2	\$				

## *Fonts* ⇒ *p. 40*

The following fonts are available.

HELSINKI	CALGARY
BRUSSELS	BRUNEI BOLD
us	LOS ANGELES
SAN DIEGO	BERMUDA SCRIPT
FLORIDA	ISTANBUL

## Sizes and widths ⇒ pp. 41–42

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

Width Size	Wide	Medium	Narrow
72pt	ABC	ABC	ABC
60pt	ABC	ABC	ABC
48pt	ABC	ABC	ABC
36pt	ABC	ABC	ABC
24pt	ABC	ABC	ABC
18pt	ABC	ABC	ABC
12pt	ABC	ABC	ABC
9pt	ABC	ABC	ABC
6pt	ABC	ABC	ABC

# \ppendix

# Type styles ⇒ p. 43

	Normal	Bold	Outline	Solid	Shadow	Outline + Shadow	Stripe
Helsinki	ABC	ABC	ABC	ABC	ABC	ABC	ABC
Brussels	ABC	ABC	ABC	ABC	ABC	ABC	ABC
US	ABC	ABC	ABC	ABC	ABC	ABC	ABC
San Diego	ABC	ABC	ABC	ABC	ABC	ABC	ABC
Florida	ABC	ABC		ABC	ನಿಶ೮		ABC
Calgary	ABC	ABC	ABC	ABC	ABC	ABC	ABC
Brunei Bold	ABC	ABC	ABC	ABC	ABC	ABC	ABC
Los Angeles	ABC	ABC	RBC	ABC	REC		ABC
Bermuda Script	ABC	ABC	E BO	ABC	430	ABO	ABC
Istanbul	ABC	ABC		ABC	<b>₹</b> \\$\$		ABC

100-

## Framing and shading patterns ⇒ p. 47

The following frame and shading patterns are available.

Fra	me	Shading
ABC	*ABC	ABC
ABC	* ABC	ABC
AB GH KL	ABC	
NABC N	ABC	ABC
(ABC	BUNNANANANANANANANANANANANANANANANANANAN	ABA
<b>√ABC</b>	ABC	
ABC	ABC	ABC
ABC	ABC	ABC
<b>ABC</b>	ABC	
ABC	ABC BERTON BERTO	
**ABC	ABC	
<u>≋ ABC</u> ≅	ABC	

## Background designs ⇒ p. 55

Samples of the available background designs are shown below.

OFF	ABC	TILES	ABC
==== [SMALL]	ABC	TARTAN	ABC
[LARGE]	ABC	TRIANGLE	ABC
PARQUET	ABC	FLORAL	ABC
METAL	ABC	GEOMETRY	ABC
MOSAIC	ABC	GRADUATE 1	ABC
MARBLES	ABC	GRADUATE 2	ABC

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## *Pre-set templates* ⇒ *p. 57*

Samples of the available templates are shown below.

No.	Category	Template name	Tape width	Label length	Sample
1	ADDRESS	ADDRESS 1	24 mm	8.0 cm	Smith's Rent-A-Bike 29 Green Road London Tel: 0123 456 7890
2		ADDRESS 2	24 mm	7.8 cm	Williams & Co Solicitors, 12 Maple Street Fulton, Cambs, CB2 20V
3		ADDRESS 3	24 mm	10.4 cm	VB Corporation SALES&MARKETING DEPT. 1 Goodcar Ind. Estate, Fulton, Cambs, CB3 6T Tel: 0123 456 7890 Fax: 0123 456 7891
4		ADDRESS 4	36 mm	8.6 cm	PETER A. ROBINS  Vantage Court 20 Old Mill Lane Hamville, Hamps, H2 2LL Tel: 0123 456 7890 Fax: 0123 456 7891
5	EQUIPMENT	EQUIPMENT	24 mm	8.4 cm	PROPERTY OF SALES & MARKETING DIV. 0312
6	PLATE	PLATE	36 mm	18.6 cm	CONFERENCE ROOM 1
7	NAMEPLATE	NAMEPLATE 1	18 mm	8.6 cm	Bill Reynolds ABC INTERNATIONAL INC.
8		NAMEPLATE 2	36 mm	9.8 cm	LBI CORP. SALES & MARKETING DEPT.  Les Boggia
9		NAMEPLATE 3	18 mm	5.2 cm	DEBBLE UNWIN  MAPKETING DEPT.  LBI CORP.

No.	Category	Template name	Tape width	Label length	Sample
10	SHOP	SALE	36 mm	24.6 cm	● W+I+N+T+E+R \$+A+L+E ● 6-23 DEC: 50%OFF
11		PRICE 1	24 mm	5.7 cm	LABEL PRINTER £150
12		PRICE 2	24 mm	11.0 cm	LABEL PRINTER  \$150
13	SIGN	SIGN	36 mm	11.4 cm	CAUTION! HIGH VOLTAGE
14	FLOPPY	FLOPPY 1	24 mm	7.0 cm	DAILY FAXES (5)  9/99 Present J. Smith
15		FLOPPY 2	24 mm	7.0 cm	PACKAGE  5 July 2000 Development Team
16		FLOPPY 3	36 mm	7.0 cm	PRICE LIST 1995–2000 Sales Div. 27 June 2000

No.	Category	Template name	Tape width	Label length	Sample
17	VIDEO	VHS 1	18 mm	14.0 cm	CHAMPION'S CUP 90 min. STANDARD 5 Aug. 2000
18		VHS 2	18 mm	14.0 cm	CLASSIC PARK INC. 100 AND INC.
19		8mm 1	9 mm	7.3 cm	A SNOWY DAY 3 Jan. 2000 STANDARD
20		8mm 2	12 mm	9.2 cm	Kelly's 1st Birthday 120 min STANDARD 10 Jan. 2000
21		VHSC	18 mm	8.1 cm	JOE&ANN'S WEDDING 120 min. NORMAL St. Michael's Church 6.11.2000
22	AUDIO	AUDIO 1	9 mm	8.9 cm	69 min. Normal Position
23		AUDIO 2	9 mm	8.9 cm	FAVOURITE LOVE SONGS Marie
24		AUDIO 3	9 mm	8.9 cm	D OLDIES (1960–1970)
25	SLIDE	SLIDE	12 mm	4.2 cm	HAWAII  Is Aust. 2000 ISO: 700
26	FILE	FILE 1	36 mm	20.0 cm	/99 Market Research 1 Public relations div.
27		FILE 2	24 mm	19.0 cm	BUSINESS TRIP Technical Development. Div.

No.	Category	Template name	Tape width	Label length	Sample
28	STAMP	NORMAL L	STAMP L	11.2 cm	FAXED
29		NORMAL M	STAMP M	10.2 cm	FAXED
30		FRAMED L	STAMP L	11.2 cm	FAXED
31		FRAMED M	STAMP M	10.2 cm	FAXED
32		2LINE L	STAMP L	11.2 cm	RECEIVED Date: / /
33		2LINE/ FRAME L	STAMP L	11.2 cm	RECEIVED Date: / /
34		VERTICAL L	STAMP L	11.2 cm	π<×шО
35		VERTICAL M	STAMP M	10.2 cm	π∢×шО

## Template text styles ⇒ p. 58

Samples of the available template text styles are shown below.

CHAR. style	Sample	Font	Style	Italic
ORIGINAL	Bill Reynolds ABC INTERNATIONAL INC.		Template default	
ITALIC	Bill Reynolds  ABC INTERNATIONAL INC.	Templat	e default	ON
DYNAMIC	BILL REYNOLDS ABC INTERNATIONAL INC.	ISTANBUL	SOLID	OFF
ARTISTIC	BIII Reynolds abe international inc.	FLORIDA	OUTLINE	OFF
FORMAL	Bill Reynolds  ABC INTERNATIONAL INC.	BRUSSELS	NORMAL	ON
ELEGANT	Bill Reynolds  ABC INTERNATIONAL INC.	US	NORMAL	OFF
FREE	Bill Reynolds 186 mrsznsronal mg.	BERMUDA SCRIPT	OUTLINE + SHADOW	OFF
NATURAL	Bill Reynolds ABC INTERNATIONAL INC.	SAN DIEGO	NORMAL	OFF

### Text transformation styles ⇒ p. 69

Samples of the text transformation shapes are shown below.

ABC [OFF]	ABC
ABC	ABC
(ABC)	ABC

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Culting tape	1
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# **ACCESSORIES**

#### Supplies

Obtain tape cassettes from your nearest authorised dealer. Brother cannot be held responsible for trouble caused by the use of unauthorised supplies.

Use only Brother TZ tapes with this machine. Do not use tapes that do not have the

Stock No.	Description
36 mm laminated t	apes
TZ-161	Black characters on clear adhesive
TZ-261	Black characters on white adhesive
TZ-461	Black characters on red adhesive
TZ-561	Black characters on blue adhesive
TZ-661	Black characters on yellow adhesive
TZ-262	Red characters on white adhesive
TZ-263	Blue characters on white adhesive
24 mm laminated t	apes
TZ-151	Black characters on clear adhesive
TZ-M51	Black characters on clear(mat) adhesive
TZ-251	Black characters on white adhesive
TZ-451	Black characters on red adhesive
TZ-551	Black characters on blue adhesive
TZ-651	Black characters on yellow adhesive
TZ-751	Black characters on green adhesive
TZ-C51	Black characters on fluorescent yellow adhesive
TZ-B51	Black characters on fluorescent orange adhesive
TZ-D51	Black characters on fluorescent green adhesive
TZ-152	Red characters on clear adhesive
TZ-252	Red characters on white adhesive
TZ-153	Blue characters on clear adhesive
TZ-253	Blue characters on white adhesive
TZ-354	Gold characters on black adhesive
TZ-355	White characters on black adhesive
TZ-455	White characters on red adhesive
TZ-555	White characters on blue adhesive
TZ-655	White characters on orange fluorescent adhesive
TZ-755	White characters on green adhesive

Stock No.	Description
18 mm laminated t	apes
TZ-141	Black characters on clear adhesive
TZ-241	Black characters on white adhesive
TZ-242	Red characters on white adhesive
TZ-243	Blue characters on white adhesive
TZ-344	Gold characters on black adhesive
TZ-345	White characters on black adhesive
TZ-441	Black characters on red adhesive
TZ-541	Black characters on blue adhesive
TZ-641	Black characters on yellow adhesive
TZ-741	Black characters on green adhesive
12 mm laminated tapes	
TZ-131	Black characters on clear adhesive
TZ-132	Red characters on clear adhesive
TZ-133	Blue characters on clear adhesive
TZ-135	White characters on clear adhesive
TZ-231	Black characters on white adhesive
TZ-232	Red characters on white adhesive
TZ-233	Blue characters on white adhesive
TZ-334	Gold characters on black adhesive
TZ-335	White characters on black adhesive
TZ-431	Black characters on red adhesive
TZ-435	White characters on red adhesive
TZ-531	Black characters on blue adhesive
TZ-535	White characters on blue adhesive
TZ-631	Black characters on yellow adhesive
TZ-635	White characters on orange adhesive
TZ-731	Black characters on green adhesive
TZ-735	White characters on green adhesive
TZ-B31	Black characters on fluorescent orange adhesive
TZ-C31	Black characters on fluorescent yellow adhesive
TZ-D31	Black characters on fluorescent green adhesive
TZ-M31	Black characters on clear (mat) adhesive

Stock No.	Description
9-mm laminated ta	pes
TZ-121	Black characters on clear adhesive
TZ-122	Red characters on clear adhesive
TZ-123	Blue characters on clear adhesive
TZ-221	Black characters on white adhesive
TZ-222	Red characters on white adhesive
TZ-223	Blue characters on white adhesive
TZ-324	Gold characters on black adhesive
TZ-325	White characters on black adhesive
TZ-421	Black characters on red adhesive
TZ-521	Black characters on blue adhesive
TZ-621	Black characters on yellow adhesive
TZ-721	Black characters on green adhesive
TZ-M21	Black characters on clear(mat) adhesive
6-mm laminated ta	pes
TZ-111	Black characters on clear adhesive
TZ-211	Black characters on white adhesive
TZ-315	White characters on black adhesive
TZ-611	Black characters on yellow adhesive
24 mm non-lamina	ated tapes
TZ-N251	Black characters on white adhesive
18 mm non-lamina	ated tapes
TZ-N241	Black characters on white adhesive
TZ-N242	Red characters on white adhesive
TZ-N243	Blue characters on white adhesive
TZ-N541	Black characters on blue adhesive
TZ-N641	Black characters on yellow adhesive
TZ-N741	Black characters on green adhesive
TZ-NF41	Black characters on purpul adhesive
TZ-PC41	Black characters on adhesive with a christmas design
TZ-PH41	Black characters on adhesive with a heart design
TZ-PF41	Black characters on adhesive with a fruit design
TZ-PM41	Black characters on adhesive with a marine design
TZ-N841	Black characters on gold adhesive

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Stock No.	Description
12 mm non-laminated tapes	
TZ-N231	Black characters on white adhesive
TZ-N232	Red characters on white adhesive
TZ-N233	Blue characters on white adhesive
TZ-N531	Black characters on blue adhesive
TZ-N631	Black characters on yellow adhesive
TZ-N731	Black characters on green adhesive
TZ-NF31	Black characters on purple adhesive
9 mm non-laminated tapes	
TZ-N221	Black characters on white adhesive
6 mm non-laminated tapes	
TZ-N211	Black characters on white adhesive

#### Special tapes

Stock No.	Description
TZ-L041	18 mm instant-lettering tape
TZ-IY41	18 mm iron-on transfer tape
TZ-SE4	18 mm security tape
TZ-FA3	12 mm fabric tape

#### Colour printing cassettes

Stock No.	Description
TZ-T240	White tape
TZ-R041	Black ink ribbon
TZ-R042	Red ink ribbon
TZ-R043	Blue ink ribbon

#### Stamp tapes

Stock No.	Description
SH-LB	Stamp for large stamp with black ink
SH-MB	Stamp for medium stamp with black ink
SK-LB	Stamp-making kit for large stamp with black ink
SK-MB	Stamp-making kit for medium stamp with black ink

# **brother**

P. Kouch

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