






SIZE

The characters in the text can be set to one of five different sizes in addition to **AUTO**, which automatically adjusts the characters to the largest possible size according to the width of the installed tape. The currently selected size setting is shown by the indicators at the top of the display. In addition, all of the indicators light up when the **AUTO** setting is selected.

SIZE1 (A: standard size)	SIZE2 (A: double width)	SIZE3 (A: double height)
J.SMITH	J. S SMITH	J. S SMITH

SIZE4 (A: double width & double height)	SIZE5 (A: 4x width & double height)
J. S SMITH	J. S SMITH

Note:






- If there are two lines of text, they are printed with the **SIZE1** setting applied, regardless of the selected size setting.
 - To quit the following procedure at any time without making any changes, press .
- Turn the **Function** dial until **SIZE** is displayed, and then press the **Function** dial (or ). The current size setting appears in the display.
 - Turn the **Function** dial (or press  and ) until the desired size setting is displayed.
 - Press the **Function** dial (or ) to apply the selected size setting to the text.

STYLE

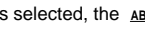
You can also use one of nine different print styles for the characters in your label. If a setting other than **NORMAL** is selected, the **Style** indicator at the bottom of the display lights up.


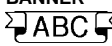

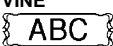
NORMAL	OUTLINE	BOLD
J.SMITH	J. S SMITH	J. S SMITH
SHADOW	ITALIC	I+OUTL (italic + outline)
J. S SMITH	<i>J.S</i> SMITH	<i>J.S</i> SMITH
I+BOLD (italic + bold)	I+SHADOW (italic + shadow)	VERTICAL
<i>J.S</i> SMITH	<i>J.S</i> SMITH	↵ · ◊ Σ − + =

Note:






- If there are two lines of text, they are printed in the **NORMAL** style, regardless of the selected style setting.
 - To quit the following procedure at any time without making any changes, press .
- Turn the **Function** dial until **STYLE** is displayed, and then press the **Function** dial (or ). The current style setting appears in the display.
 - Turn the **Function** dial (or press  and ) until the desired style setting is displayed.
 - Press the **Function** dial (or ) to apply the selected style setting to the text.

UNDERLINE/FRAME

This option allows you to emphasize or decorate your entire text by framing or underlining it. If any setting other than **OFF** is selected, the  indicator at the bottom of the display lights up.

OFF (no underline or frame)	ROUND	BANNER
ABC		
WOODEN	VINE	UNDL (underline)
		<u>ABC</u>






Note:

- The underline or frame is not printed if the **VERTICAL** style setting is used.
 - To quit the following procedure at any time without making any changes, press .
- Turn the **Function** dial until **UNDL/FRM** is displayed, and then press the **Function** dial (or ). The current underline/frame setting appears in the display.
 - Turn the **Function** dial (or press  and ) until the desired underline/frame setting is displayed.
 - Press the **Function** dial (or ) to apply the selected underline/frame setting to the text.

MIRROR PRINTING


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







Note:

- With this function, the text must be printed on transparent tape.
 - To quit the following procedure at any time without making any changes, press .
- Turn the **Function** dial until **MIRROR** is displayed, and then press the **Function** dial (or ). The current mirror printing setting appears in the display.
 - Turn the **Function** dial (or press  and ) until the desired mirror printing setting is displayed.
 - Press the **Function** dial (or ) to apply the selected mirror printing setting to the text.

TAPE MARGIN




This function can be used to leave equal margins of 4 mm (**#**), 12 mm (**##**) or 24 mm (**###**) on both sides of the text. Using the – tape margin setting, multiple formats can be printed, one after the other without feeding the tape, onto a single label.

Note: To quit the following procedure at any time without making any changes, press .

- Turn the **Function** dial until **TAPE** is displayed, and then press the **Function** dial (or ). The current tape margin setting appears in the display.
 - Turn the **Function** dial (or press  and ) until the desired tape margin setting is displayed.
 - Press the **Function** dial (or ) to apply the selected tape margin setting to the text.
- Note:**
- After printing with the – tape margin setting, hold down  and press  once to feed the tape before pushing in the tape cutter lever to cut it, otherwise some of the printed characters may be cut off.
 - After printing with the **#** or **##** tape margin setting, push in the tape cutter lever to cut off the label, and then use scissors to cut along the printed dots (:) and centre the text within the label.


PRINTING & CUTTING








After you have entered the text and chosen the desired format settings, you are ready to print the label.

- To print the label, press . The message “PRINT” is displayed while the label is being printed, and the label comes out of the tape exit slot at the top end of the machine.
 - To feed out 25 mm of tape (for example, after printing using the – tape margin setting), hold down  and press  once. The message “FEED” is displayed while the tape is fed out.
 - To cut off the label, push in the tape cutter lever in the top-right corner of the machine.
- Note:**
- In order to prevent damage to the tape, do not try to cut it while the messages “PRINT” or “FEED” are displayed.
 - After printing with the **#** or **##** tape margin setting, push in the tape cutter lever to cut off the label, and then use scissors to cut along the printed dots (:) and centre the text within the label.

REPEAT PRINTING


This function allows you to print up to nine copies of the same label.




Note: To quit the following procedure at any time without making any changes, press .



- Turn the **Function** dial until **REPEAT** is displayed, and then press the **Function** dial (or ). The message “1-9?” appears in the display.
 - Turn the **Function** dial (or press  and ) until the number of labels that you want to print appears on the right side of the display.
OR
Press the key (1-9) corresponding to the number of labels that you want to print.
 - Press the **Function** dial (or  or ) to print the labels.
- Note:**
- After printing with the – tape margin setting, hold down  and press  once to feed the tape before pushing in the tape cutter lever to cut it.
 - After printing with the **#**, **##** or **###** tape margin setting, push in the tape cutter lever to cut off the tape, and then use scissors to cut along the printed dots (:) and separate the labels.

NUMBERING



This function can be used to print many copies of the same text while increasing a selected number by 1 after each label is printed, for example, when printing labels containing a serial number (for example, 0123, 0124, and 0125).

Note: To quit the following procedure at any time without making any changes, press .



- Position the cursor below the number that you wish to increase.
 - Turn the **Function** dial until **NUMBER** is displayed, and then press the **Function** dial (or ). The message “1-9?” appears in the display.
 - Turn the **Function** dial (or press  and ) until the last number that you want to print appears on the right side of the display.
OR
Press the key (1-9) corresponding to the last number that you want to print.
- Note:** The last number that will be printed must be larger than the number selected in the text, otherwise the message “ERROR” will appear when you try to print.

- Press the **Function** dial (or  or ) to print the labels.

Note:











- After printing with the – tape margin setting, hold down  and press  once to feed the tape before pushing in the tape cutter lever to cut it.
- After printing with the **#**, **##** or **###** tape margin setting, push in the tape cutter lever to cut off the tape, and then use scissors to cut along the printed dots (:) and separate the labels.

MEMORY


You can use the memory to store your most frequently used text. The text file remains in the memory, even after all characters are removed from the display by holding down  and pressing . Later, the text can easily be reused by recalling it from the memory. The machine’s memory can store up to 300 characters, which can be divided into as many as nine text files. The maximum capacity for a single text file is 55 characters.








STORING TEXT

Note: To quit the following procedure at any time without making any changes, press .

- Turn the **Function** dial until **MEMORY** is displayed, and then press the **Function** dial (or press ).
- Turn the **Function** dial (or press  and ) until **STORE** is displayed, and then press the **Function** dial (or ). The message “1-9?” appears in the display.
- Turn the **Function** dial (or press  and ) until the file number where you want to store the text is displayed.
OR
Press the key (1-9) corresponding to the file number where you want to store the text.
- Press the **Function** dial (or  to store the text. The text previously shown in the display reappears.
Note:
 - If the file number you selected already contains text, the message “ERROR” appears. Press the **Function** dial (or ) , and then select a different file number.
 - If nine text files are already stored, the message “ERROR” appears. Press the **Function** dial (or ) , and then delete one of the stored text files before trying to store the current text.
 - If 300 characters are already stored, the message “FULL” appears. Press the **Function** dial (or ) , and then delete one of the stored text files before trying to store the current text.








RECALLING TEXT

Note: To quit the following procedure at any time without making any changes, press .






- Turn the **Function** dial until **MEMORY** is displayed, and then press the **Function** dial (or press ).
- Turn the **Function** dial (or press  and ) until **RECALL** is displayed, and then press the **Function** dial (or ). The message “1-9?” appears in the display.
- Turn the **Function** dial (or press  and ) until the text file that you want to recall is displayed.
OR
Press the key (1-9) corresponding to the file number of the text that you want to recall.
- Press the **Function** dial (or  to clear the display and recall the selected text.

DELETING A TEXT FILE

Note: To quit the following procedure at any time without making any changes, press .

- Turn the **Function** dial until **MEMORY** is displayed, and then press the **Function** dial (or press ).
- Turn the **Function** dial (or press  and ) until **DELETE** is displayed, and then press the **Function** dial (or ). The message “1-9?” appears in the display.
- Turn the **Function** dial (or press  and ) until the text file that you want to delete is displayed.
OR
Press the key (1-9) corresponding to the file number of the text that you want to delete.
- Press the **Function** dial (or  to delete the selected text file.

TROUBLESHOOTING

Problem	Solution
1. The display stays blank after you have turned on the machine.	<ul style="list-style-type: none">Check that the batteries are correctly inserted.If the batteries are weak, replace them.Check that the adapter is correctly connected.
2. The machine does not print, or the printed characters are blurred.	<ul style="list-style-type: none">Check that the tape cassette has been inserted correctly.If the tape cassette is empty, replace it.Check that the character size is appropriate for the width of the tape that is used.
3. The printed characters are not formed properly.	<ul style="list-style-type: none">If the batteries are weak, replace them.
4. Striped tape appears.	<ul style="list-style-type: none">The tape cassette is empty. Replace it.
5. The memory has cleared on its own.	<ul style="list-style-type: none">The batteries may be weak. Replace them.
6. A blank horizontal line appears through the printed label.	<ul style="list-style-type: none">There may be some dust on the print head. Remove the tape cassette and use a dry cotton swab to gently wipe the print head with an up-and-down motion. Try printing again, and if dust still remains, dip the cotton swab in isopropyl (rubbing) alcohol and gently wipe the print head again.
7. The machine has “locked up” (i.e., nothing happens when a key is pressed, even though the machine is on).	<ul style="list-style-type: none">Turn off the machine, and then while holding down  and  , press  to turn the machine back on. <p>Finally, release  and .</p> <p>Note: The text and formats in the display and all text files stored in the memory are erased.</p>

ERROR MESSAGE LIST

ERROR	An error occurred.
BATTERY	The batteries are weak.
BATTERY	The batteries are empty.
FULL	The maximum number of characters (55 characters) have already been entered or the memory is full.

SPECIFICATIONS

Keyboard:	41 keys and 1 dial
Print speed:	10 mm/sec.
Character size:	Standard size Double width Double height Double width & double height 4x width & double height
Character font:	HELSINKI
Print tape:	Pressure-sensitive adhesive-based (TZ tape only) 8 meters long Three widths available: 12 mm 9 mm 6 mm
LCD:	7 × 5 dots 1 line × 8 characters
Power supply:	Six AAA size alkaline batteries (LR03) or optional AC adapter (7V, 1.2A) Auto-power off
Dimensions:	154 mm (W) × 129 mm (D) × 64 mm (H)
Weight:	400 g (without batteries and tape cassette)
Buffer size:	55 characters
Memory size:	300 characters maximum, 9 text files