

#### FCC NOTICE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received,including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to This equipment has been tested and doub to comply with the limits for a Class 5 bigital dovice, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by and or the fellewise menouring. one or more of the following measures:

**KEYBOARD & LCD** 

 Reorient or relocate the receiving antenna.
 Increase the separation between the equipment and receiver.
 Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
 Consult the dealer or an experienced radio/TV technician for help.
 Changes or modifications not expressly approved by Brother Industries, Ltd. could void the user's extended to experience. authority to operate the equipment.

# **GENERAL PRECAUTIONS**

- Use only Brother TZ tapes with this machine. Do not use tapes that do not have the 🏗 mark.
- · Do not pull on the tape being fed from the P-touch, otherwise the tape cassette may be damaged.
- Do not attempt to cut the tape while printing or feeding since this will damage the tape. • Do not clean the machine with alcohol or other organic solvents. Only use a soft, dry cloth.
- Remove the batteries and disconnect the AC adapter if you do not intend to use the machine for an extended period of time.
- Note: If power is disconnected for more than three minutes, all text shown in the display and any text files stored in the memory will be lost. Language and unit settings will also be cleared
- Do not put any foreign objects into or heavy objects on the machine. · Do not expose the machine to extremely high temperatures or high humidity. Never
- leave it on the dashboard or in the back of your car. Avoid using the machine in extremely dusty places. Keep it out of both direct sunlight
- and rain. • Do not leave any rubber or vinyl on the machine for an extended period of time, oth-
- erwise the machine may be stained. • Do not touch the print head mechanism. If the head is touched, clean it immediately with a soft wipe (e.g. a cotton swab) to avoid permanent damage
- · To avoid injuries, do not touch the cutter's edge · Use only the AC adapter designed exclusively for this machine. Use of any oth-
- er adapter may void the warranty

#### SPECIFICATIONS

- **Dimensions:** 4.32" (W)  $\times 7.84"$  (D)  $\times 2.2"$  (H)  $(108mm (W) \times 196mm (D) \times 55mm (H))$
- 0.74 lbs. (335g) (without batteries and tape cassette) Weight: Power supply: Six AAA size alkaline batteries or optional AC adapter (model AD-30/AD-24) Brother TZ tape Tape cassette: 1/4" / 3/8" / 1/2" (width) (6mm, 9mm, 12mm (width))
- Cutter unit: TC-5 (replacement)

P. touch

A A A

# **POWER SUPPLY & TAPE CASSETTES**

O Remove the back cover by pressing in the rough area at the top end of the machine

and then flip away from the machine. If a tape cassette is already installed, remove it by pulling it straight up. Also, if batteries are already installed, remove them

2-1 Insert the batteries into the battery compartment with the positive end of the bottom three batteries pointing away from the cutter lever, and the positive end of the top three batteries pointing toward the tape cutter lever. Always replace all six batteries at the same time using brand new ones

#### 2-2 Insert a tape cassette, making sure that it

snaps into place.
Make sure that the end of the tape feeds under the tape guides. Be sure to remove the paper tab when install-

- ing a new tape cassette • If the ink ribbon is loose, use your finger to
- wind the toothed wheel in the direction of the arrow on the cassette
- Use only Brother TZ tapes with this machine.
- Attach the back cover by inserting the two hooks at the bottom into the slots on the 8 machine, then pushing down firmly on the cover until it snaps into place. After you have installed the tape, feed the tape (see FEEDING) once and then push in the tape cutter lever to cut the tape.

#### Optional AC adapter (model AD-30/AD-24)

- 0 Insert the plug on the adapter cord into the adapter jack on the bottom end of the
- 2 Plug the other end of the adapter to the nearest standard electrical outlet



### Cutter unit (replacement)

If the cutter blade becomes blunt after repetitive use and the tape cannot be cut cleanly, replace with new cutter unit (stock no. TC-5) by obtaining from an authorized brother dealer.

## **GETTING STARTED**

#### **Start your machine** Supply power by using six AAA batteries or the optional AC adapter, and then press ().

**2** Set the language (English/French/German)

# 1.ENG? →

#### Choose a language with $\bigcirc$ and press $\checkmark$ . FRANÇAIS ENGLISH DEUTSCH

Check the display and press (I). (To cancel, press (I).)

## Set the unit (mm/inch)

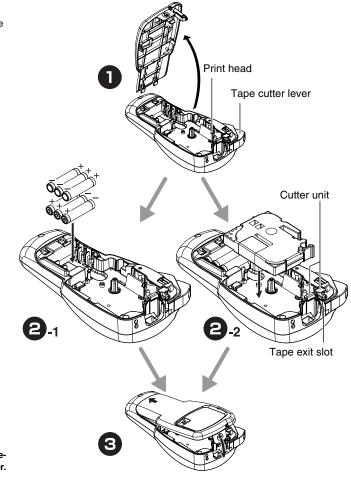
1 • m m ? → Choose a unit with 🕥 and press 🚽

inch m m

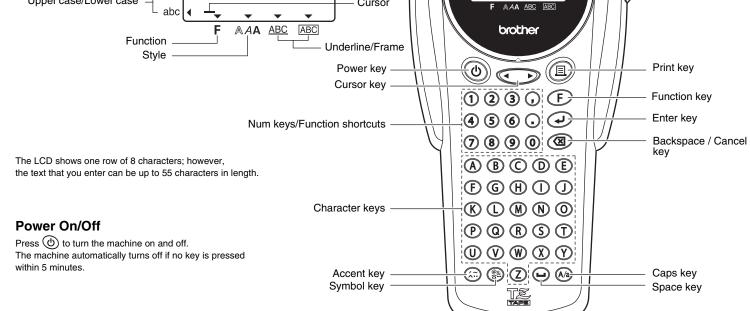
Check the display and press (Ito cancel, press ().

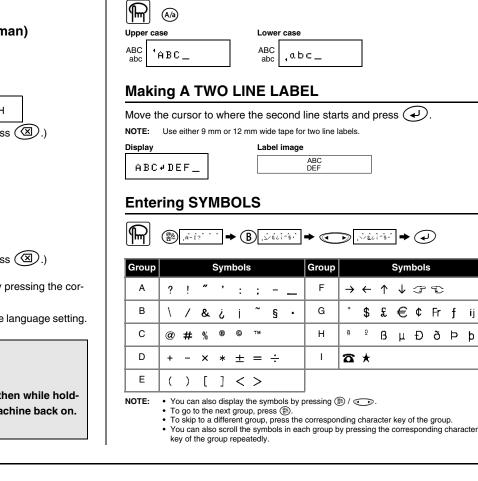
NOTE: • You can also display the languages and units by pressing the corresponding Num keys (1-3).

- The available accented characters depend on the language setting.
- NOTE: To cancel operations, press ( • To delete entries backward, press ( To initialize the settings, turn off the machine and then while holding down (F) and  $(\overline{\otimes})$ , press 0 to turn the machine back on. Finally, release (F) and (I).



### LCD indicators – Size AA Α ABC Upper case/Lower case Cursor •





MAKING TEXT

Switching UPPER CASE/LOWER CASE

### Entering ACCENTED CHARACTERS

• To go to the next letter group, press ( )

the corresponding character key repeatedly.

$\square$	() (	,a-9.	∕Â-Û?	<b>]</b> →	E	, <u>é</u> éée	ê î î	•	$\mathbb{P}$	éé <u>é</u> 88	• •	→ (	(t		
Letter		Ac	cente	ed cl	narac	ters		Letter		Ac	cente	ed cl	arac	ters	
Α	Ä	Á	À	Â	Ã	Å	Æ	a	ä	á	à	â	ã	å	æ
С	Ç							с	ç						
Е	Ë	É	È	Ê	Ê			е	ë	é	è	ê	ê		
Ι	ï	Í	Ì	î				i	ï	í	ì	î			
Ν	Ñ							n	ñ						
0	Ö	Ó	ò	Ô	Ô	ø	Œ	ο	ö	ó	ò	ô	õ	ø	œ
U	Ü	Ú	Ù	Û				u	ü	ú	ù	û			
								У	ÿ						
NOTE: • You can also display the characters by pressing 🖾 / 💽 .															

• To skip to a different letter group, press the corresponding charac-

• You can also scroll the characters in each letter group by pressing

## **DESIGNING LABELS** (F+1) Setting FONT

HELSINKI OKLAHOMA (F)+2) Setting SIZE በብ AUTO automatically adjusts the text size according to the tape width. SIZE1 SIZE2 J.SMITH J.SMITH J.SMITH SIZE4 SIZE5 J.SMITH J.SMITH Two line labels are printed in SIZE1 regardless of the setting.
Only AUTO, SIZE1 and SIZE2 can be used on 1/4" tapes. NOTE: Setting STYLE (F+3) 

OUTLINE

· Use clear tape in MIRROR, so the labels appear on the other side when stuck on glass

I+BOLD (ITALIC + BOLD)

J.SMITH

っ・の至−⊢ェ

VERTICAL

NOTE: • Two line texts are printed in NORMAL regardless of the setting.

J.SMITH

OKLAHOMA

NORMAL

ITALIC

<e.g. 1>

(F+I)

(F+-)

(F+-)

J.SMITH

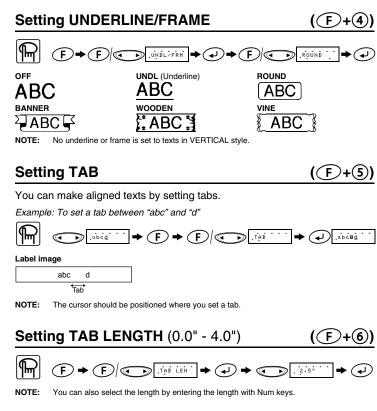
J.SMITH

J.SMITH

I+SHADOW (ITALIC + SHADOW)

BOLD

J.SMITH



Setting LABEL LENGTH (AUTO/1.6" - 11.8") (F)+(7)  $\square$ You can also select the length by entering the length with Num keys.
To return to AUTO, press any alphabet key or . NOTE: Using AUTO FORMAT (F)+8) You can choose label length from six formats to create labels for various applications  $\square$ Application Length LCD LCD Application Length VCB VHS VCB VHS 5.5" FILE TAB File Tab FD 3.5" 3.5" Floppy Disk 2.7" AUDIO Audio Cassette 3.5" 3.9" VIDEO 8 VCR 8mm (Video 8) 3.6" CD CASE CD **To CLEAR** (F)+(0)All text and settings will be cleared. 

ng character

# **PRINTING**



ter key.

You can preview the text before printing.

- NOTE: • The LCD shows the whole text and the label length (mm/inch), then returns to the original · Only the text can be previewed, but not the font, style, size, underline/frame or any addi-

**FEEDING (TAPE FEED)** 

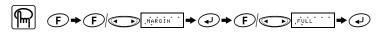
## 

### PRINTING

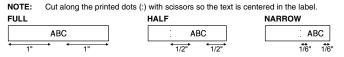
# 

- NOTE: To cut off the label. push in the tape cutter lever on the upper-right corner of the machine • To prevent damage to the tape, do not try to cut while the message PRINT or FEED is displayed

#### **TAPE MARGIN**



FULL/HALF/NARROW is for leaving equal margins on both sides of the text.



CHAIN is for printing more than 1 copy of a label with minimum margin <e.g. 1>. You can also create a label containing texts in various styles; print a text in one style, and before feeding, enter the second text in another style <e.g. 2>.

NOTE: FEED THE TAPE BEFORE USING THE CUTTER (see FEEDING/PRINTING). Otherwise A PART OF THE TEXT MAY BE CUT OFF. Do not try to pull the tape since this may damage the tape casse CHAIN



Print Option/REPEAT PRINTING

# 

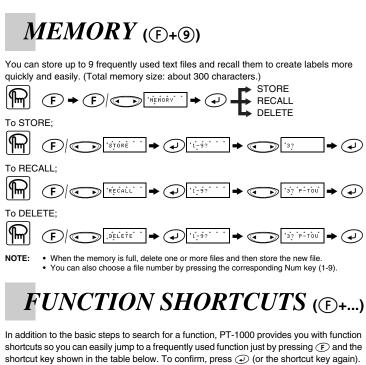
- NOTE: (see FEEDING/PRINTING). Otherwise A PART OF THE TEXT MAY BE CUT OFF. Do When the tape margin is set to FULL/HALF/NARROW, cut along the printed dots (:) with scissors to separate the labels

### Print Option/NUMBERING

You can print many copies of the same text while increasing a selected number by 1 after each label is printed.

Example: To print copies of a label containing a serial number (0123, 0124 and 0125)  $\square$ 

**NOTE:** • The last number that will be printed must be larger than the number selected in the text. otherwise the message ERROR appears. • When the tape margin is set to CHAIN, FEED THE TAPE BEFORE USING THE CUTTER (see FEEDING/PRINTING). Otherwise A PART OF THE TEXT MAY BE CUT OFF. Do onot try to pull the tape since this may damage the tape cassette.
When the tape margin is set to FULL/HALF/NARROW, cut along the printed dots (:) with scissors to separate the labels.



Key	LCD message	Function	Key	LCD message	Function	
1	FONT	Character font	8	A/F	Auto Format	
2	SIZE	Character size	9	MEMORY	Memory	
3	STYLE	Print style	0	CLEAR	Clear text + style	
4	UNDL/FRM	Underline/Frame	$\odot$	MARGIN	Tape margin	
5	TAB	Tab setting	$\odot$	PRINT OP	Repeat/Numbering	
6	TAB LEN	Tab length		PREVIEW	Text preview	
0	LENGTH	Label length	Θ	FEED	Tape feed	
NOTE: • PRINT OP contains two functions, REPEAT PRINTING and NUMBERING.						

For PREVIEW and FEED, press 
 to preview/feed after the LCD message appears

NOTE:	You can also refer to the chart engraved on the back of the machine.
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# **ERROR MESSAGE LIST**

ERROR	An error occurred.				
BATTERY	The batteries are weak.				
BATIERY	The batteries are empty.				
FULL	The maximum number of characters (55 characters) have already been entered or the memory is full.				
LONG TXT	The text length exceeds the selected label length.				

# TROUBLESHOOTING

Problem	Solution
The display stays blank after you have turned on the machine.	<ul> <li>Check that the batteries are correctly inserted.</li> <li>If the batteries are weak, replace them.</li> <li>Check that the adapter is correctly connected.</li> </ul>
The machine does not print, or the rinted characters are blurred.	<ul> <li>Check that the tape cassette has been inserted correctly.</li> <li>If the tape cassette is empty, replace it.</li> <li>Check that the character size is appropriate for the width of the tape that is used.</li> </ul>
The printed characters are not ormed properly.	If the batteries are weak, replace them.
Striped tape appears.	The tape cassette is empty. Replace it.
The memory has cleared on its own.	The batteries may be weak. Replace them.
A blank horizontal line appears hrough the printed label.	There may be some dust on the print head. Remove the tape cassette and use a dry cotton swab to gently wipe the print head with an up-and- down motion.
The machine has "locked up" (i.e., nothing happens when a key is pressed, even though the machine is on).	<ul> <li>Turn off the machine, and then while holding down         <ul> <li></li></ul></li></ul>

## ABC ABC feed & cut) (F+,)

(F)+(,)

SHADOW

J.SMITH

MIRROR

J.SMITH

J.SMITH

I+OUTL (ITALIC + OUTLINE)

You can print up to 9 copies of each label.  $(F) \Rightarrow (F) | (I) | (I)$ 

• When the tape margin is set to CHAIN, FEED THE TAPE BEFORE USING THE CUTTER



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