PT-H100 **User's Guide**

English

With your PT-H100, you can create labels for multiple applications. Select from the many frames, character sizes and styles to design beautiful custom labels. In addition, the variety of tape cassette available allows you to print labels with different widths and exciting colors.

Read this manual carefully before you begin and keep the manual in a handy place for future reference.



Safety Precautions

AWARNING Indicates a potentially hazardous situation which, if not avoided, could result in serious injuries.

Follow these guidelines to avoid the risk of fire, burns, injury,

rupture, overheating, abnormal odor or smoke.

rupture, overheating, abnormal odor or smoke.

Do not use the P-touch labeller in places of high humidity such as bathrooms.
Do not allow the P-touch labeller/batteries to get wet, for example, by handling them with wet hands or spilling beverages on to them.

Since loss of eyesight may result when leaked fluid from batteries gets into your eyes, immediately rinse your eyes with a large amount of clean water, and then seek medical attention.

Do not disassemble or modify the P-touch labeller/batteries.
Do not allow a metal object to contact both the plus and minus ends of a battery.
Do not use sharp objects, such as tweezers or a metallic pen, to change the batteries.
Do not throw the batteries into fire or expose to heat.

Remove batteries immediately and stop using the P-touch labeller if you notice abnormal odor, heat, discoloration, deformation or anything unusual while using or storing it.

storing it.

Do not use a damaged or leaking battery as the fluid may get on your hands.

Do not use a deformed or leaking battery or one whose label is damaged. There is a

ituation which, if not avoided, may result in minor or moderate Indicates a potentially hazardous

possibility of generating heat.

Follow these guidelines to avoid personal injury, liquid leakage, burns or heat.

When the P-touch labeller is not being used, store it out of the reach of children. In addition, do not allow children to put the P-touch labeller parts or labels in their mouths. If any object has been swallowed, seek medical attention.

Do not touch metal parts around the print head immediately after printing.

Do not touch the cutter blade.

If leaked fluid from batteries gets on your skin or clothes, immediately rinse them with clean water.

clean water. Remove the batteries if you do not intend to use the P-touch labeller.

· Do not use a battery other than that specified. Do not use combinations of old and When power is disconnected for more than three minutes, all text, format settings and new batteries or combinations of different types, different charging levels, differen manufacturers or different models. Do not insert a battery with its plus and minus

When using Ni-MH rechargeable batteries, charge the batteries with a specialized

Depending on the location, material, and environmental conditions, the label may unpeel or become irremovable, the color of the label may change or be transferred to other objects. Before applying the label, check the environmental conditions and

The material.

Do not use the P-touch labeller in any way or for any purpose not described in this guide. Doing so may result in accidents or damage the P-touch labeller.

Use only Brother TZe tapes with the P-touch labeller. Do not use tapes that do not

Only use a soft, dry cloth to clean the labeller; never use alcohol or other organic

solvents.

Use a soft wipe to clean the print head; never touch the print head.

Do not put any foreign objects into the tape exit slot or battery compartment, etc.

Do not place the P-touch labeller/batteries in direct sunlight or rain, near heaters or other hot appliances, in any location exposed to extremely high or low temperatures (e.g., on the dashboard or in the back of your car) or high humidity, or in dusty

locations.

Do not apply excessive pressure to the cutter lever.

Do not try to print if the cassette is empty; it will damage the print head.

Do not pull the tape while printing or feeding; it will damage the tape and the P-touch

Any data stored in memory will be lost due to failure or repair of the P-touch labeller,

batteries.

The length of the printed label may differ from the displayed label length.

A protective clear plastic sticker is placed over the display during manufacturing and shipping. This sticker should be removed prior to use.

or if the battery expires. The P-touch labeller is not equipped with a charging feature for rechargeable

Do not drop or hit the P-touch labeller.

battery charger before using the batteries

have the TZ@ mark.

General Precautions

Industry Canada Compliance Statement (Canada Only)
This Class B digital apparatus complies with Canadian ICES-003 Do not press on the LCD display.

Do not put your finger inside the P-touch labeller when you close the cassette cover Before using Ni-MH rechargeable batteries, carefully read the instructions for the batteries and battery charger, and be sure to use them correctly.

Declaration of Conformity

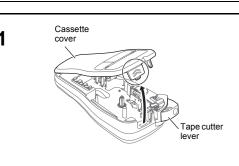
We, BROTHER INDUSTRIES, LTD 15-1. Naeshiro-cho, Mizuho-ku, Nagoya, 467-8561, Japan

any text files stored in the memory will be cleared.

declare that this product is in compliance with the essential requirements and other relevant provisions of Directives 2004/108/EC.

The Declaration of Conformity (DoC) is on our Web site Please go to http://solutions.brother.com -> choose region (eg. Europe) -> choose country -> choose your model -> choose "Manuals"-> choose Declaration of Conformity (*Select Language when required).

Power Supply and Tape Cassette



Open the cassette cover by pressing the above indicated area at the top end of the If a tape cassette is already installed, remove it by

- pulling it straight up. Also, if batteries are already installed, remove them.
- Make sure that the power is turned off when replacing batteries or tape cassettes.

LCD Display & Keyboard

AAA ABC

103450

608900

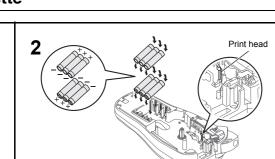
ABCDE

FGHIJ

KLMNO

PQRSI

UVWXY



Insert six new AAA alkaline batteries (LR03) or fully charged Ni-MH batteries (HR03), making sure that their poles point in the correct directions. Users of alkaline batteries: Always replace all six batteries at the same time with brand new ones. Users of Ni-MH batteries:

Visit us at http://solutions.brother.com/ for the latest information about the recommended batteries

Always replace all six batteries at the

same time with fully charged ones.

(WxDxH)

Approx. 390 a Power supply:

20. Print key 21. Enter key

selected, also appears Guidance (left, right) 22. Auto Designs function key 23. Frame key Accent key 25. Space key

14. Style key

Character key

16. Caps key

17. Symbol key

18. Menu key

19. Clear key

Power key 10. Cursor key: Right 11. Cursor key: Left Backspace key

Cursor

Width

Caps

Style

7. Label Length

Underline/Frame

If a specific label length

NOTE The LCD shows one row of 12 characters; however, the text that you enter can be up to 80 characters in length.

· While selecting the settings, press the Space key to go back to

The print preview is a generated image of the label, and may differ from the actual label when printed. Label length shown on LCD may slightly differ from the actual

Specifications

it snaps into place.

the tape guides.

Approx.110(W) × 208(D) × 59(H)mm

Insert a tape cassette, making sure that

· Make sure that the end of the tape feeds under

· Use only Brother TZe tapes with this machine.

without batteries and tape cassette Six AAA alkaline batteries (LR03) Six AAA Ni-MH batteries (HR03)*

Brother TZe tape (width) Tape cassette: 3.5mm, 6mm, 9mm, 12mm

*1 Visit us at http://solutions.brother.com/ for the latest information about the recommended batteries

Should you encounter any problems with your product, please do not return your product to the store! After referring to the User's guide, if you still need assistance, call Brother Customer Service at:

Voice: 1-877-BROTHER Web: www.brother.ca Fax: 1-901-379-1210

you need to locate a service center, please call -877-BROTHER or visit us at www.brother.ca

Cutter's

edge

1 Start your machine.

Initial Settings

Supply power by using six AAA batteries, and then press ()

2 Set the language.

Menu → ✓/► [Language] → ✓/ト [English/Español/Français/Hrvatski/Italiano/Magyar/ Nederlands/Norsk/Polski/Português/Portug. (BR)/ Română/Slovenski/Slovenský/Suomi/Svenska/Türkçe/ Čeština/Dansk/Deutsch]

Securely close the cassette cover, making

sure that it snaps into place

3 Set the unit of measurement. The default setting is [mm]

Menu → (◄ / ► [Unit] (—) →
/ ▶ [inch/mm]

NOTE

The machine automatically turns off if no keys are pressed within five minutes.

To cancel any operation, press

Cutter Error

► Error message				
Message	Cause/Remedy			
Low Battery!	The batteries are weak. If using AAA alkaline batteries: Replace them with new ones. If using Ni-MH batteries: Charge them fully.			
Battery Dead	The installed batteries are running low.			
Invalid!	An invalid number was entered as the label length. (This is not displayed in Auto Designs function.)			
No Text!	You tried to print a text file when there is no data stored in the memory. In is pressed when no text is entered. You tried to select Text Preview or Cable Label when no text is entered. was pressed when no text was entered while using the DECO MODE or Auto Designs function.			
Line Limit!	You tried to enter a 3rd line by pressing You tried to print or preview two lines of text while 3.5mm or 6mm tape is installed. Install tape of a larger size.			
No Cassette!	You tried to print a label when there is no cassette installed.			

The tape cutter lever was used during the printing

	Message	Cause/Remedy
	Text Full!	The maximum number of characters (80 characters have already been entered. *50 characters - for Auto Designs function and DEC MODE
	Text Limit!	With the DECO MODE function: Since the number of entered characters exceeds th label length, reduce the text. All other functions: Since the number of entered characters exceeds th label length, reduce the text, or select [Auto] as the label length.
	No Frame OK?	Printing on 3.5mm tape with invalid Frame setting O (Select) to print with no Frame, (X) to cancel.)
	OK to Feed?	Feeding tape after printing when [Chain Print] is selected. Refer to "Setting Margin".
	Insert 12mm	Only 12mm tapes are available for use with DECO MODE function.
	Wrong Tape!	Use a tape cassette with the tage mark.

▶ What to do when.

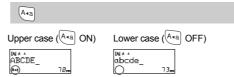
➤ what to do when				
Problem	Solution			
The display stays blank after you have turned on the machine.	Check that the batteries are correctly inserted. If the batteries are weak, replace them.			
When the label is printed out, the margin(space) is too large on both sides of the text.	See "Setting Margin" in this users guide and select [Half] or [Narrow] to have smaller margins for your label.			
The machine does not print, or the printed characters are not formed properly.	Check that the tape cassette has been inserted correctly. If the tape cassette is empty, replace it. Check the cassette cover is properly closed.			
The setting has cleared on its own.	The batteries may be weak. Replace them. When power is disconnected for more than three minutes, all text & formats in the display will be lost. Language and Unit settings will also be cleared.			
A blank horizontal line appears through the printed label.	There maybe 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 print head can be cleaned more easily if the optional print head cleaning cassette (TZe-CL3) is used.			

Problem	Solution
The machine has "locked up" (i.e., nothing happens when a key is pressed, even though the machine is on.)	Refer to "Resetting the P-touch".
The power turns off when you try to print.	The batteries may be weak. Replace them. Check that the batteries are correctly inserted.
The tape does not feed properly or the tape gets stuck inside the machine.	Check that the end of the tape feeds under the tape guides. The cutter lever is used while printing. D not touch the cutter lever during printing.
All text and format settings need to be cleared to create a new label.	Press
The LCD is set to an incorrect language.	Refer to "Initial Settings".

BASIC USAGE

Entering Text

▶ Switching Upper Case/Lower Case



► Making Two Lines of Text To make two lines of text, do one of following:

a) Enter the text for the first line and then press $\begin{tabular}{l} \end{tabular}$ for the

b) Move the cursor to where the second line starts and press

(**-**) Use either 9mm or 12mm wide tape for two line text.

LCD display Label image ABC+DEF_ ABC DEF

NOTE

Do not press after the second line; otherwise the "Line Limit!" error message will appear

► To Clear

By pressing (X), the letters will be deleted one by one.

To delete all text and settings To delete text only:

Printing Labels

▶ Preview

You can preview the text before printing

Menu → ✓/ ► [Preview] ← Only the text can be previewed, not the size, font or any

► Feeding (Tape Feed)

Menu → ◀ / ▶ [Feed] ← **▶** Printing

• If you need only 1 copy of the label, press without selecting the number of copies.

 The number of copies can also be specified by pressing a number key.

· To prevent damage to the tape, do not touch the cutter lever while the message "Printing..." or "Feeding..." is displayed. To cut off the label, push in the tape cutter lever on the upper-

right corner of the machine. Peel the printed label from the backing and apply the label. You can print up to 9 copies of each labe

▶ Setting Margin

Menu → ✓/ ► [Margin] ← → Full/Half/Narrow/Chain Print]

[Full]/[Half]/[Narrow]

For leaving equal margins on both sides of the text. ABC [Chain Print]

For creating a label containing text in various styles Enter text.

2. Press 🗐, then [Copies:] appears. **3.** Press ◀ / ▶ or enter number with number keys to

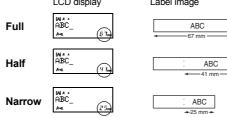
select the number of copies. 4. Press . Printing will start, and then the message "OK to Feed?" appears.

5. Press (X) to enter more text. 6. Clear the text, enter the text for the next label, and then

7. When the message "OK to Feed?" appears after the last label is printed, press 8. After the tape is fed, press the cutter lever to cut off the

NOTE

 When [Half] or [Narrow] is set, the displayed label length is the length from the printed dots () to the end of the label LCD display Label image



To print more than 1 copy of a label with minimum margin, set the margin to [Narrow].

When [Chain Print] is set, feed the tape before using the cutter otherwise a part of the text may be cut off. Also, cut along the printed dots () with scissors so the text is centered in the label. *Feed the tape before using the cutter. Do not pull the tape since this may damage the tape cassette.

$[A] - [Z] \rightarrow [A] \rightarrow [A] / [A] \rightarrow [A]$

Α	ÁÀÂÄ	ÆÃ	ĄÅÅĂ	а	áàâä	æã	ąåāă
С	ÇČĆ	D	ĎĐ	С	ÇČĆ	d	ďðđ
Е	ÉÉÉÉÉÉÉ		е	é è ê	ë ę	ěėē	
G	ĢĞ	Ι	11111	g	ģğ	i	1] [[[
K	Ķ	L	ŁĹĻĽ	k	ķ	Ι	1111
N	ÑŇŃŅ	R	ŘŔŖ	n	ñňńņ	r	řŕŗ
0	000	ØÖ	ÕŒŐ	0	ÓÒÔ	øö	õ œ õ
S	ŠŚŞŞβ	Т	ŤΤÞ	S	šśşşβ	t	ťţþ
U	0000000		u	úùû	üų	ůŭű	
Υ	ŶΫ	Z	ŽŽŽ	у	ýÿ	z	žźŻ

- · The order of accented characters differs depending on the
- selected LCD language

After the label is printed, cut along the printed dots (:) with

Saving Label Files

maximum total of 720 characters for the total memory. You can also edit and overwrite the stored label

Menu → ◀ / ▶ [File] → ◀ / ▶ [Print] ←
→ /
[Copies:] 4/ 1 - 9 + 4

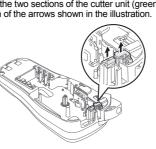


If you try to store a label when there is already a label stored to that number, a message "Overwrite?" will appear. Press () to save

Accessories

Tape Cassettes: See the included "Supplies and Accessories Guide

obtain this item from an authorized Brother reseller. ► Replacing the Cutter Unit



Do not touch the cutter blade directly with your fingers.

settings, or in the event the P-touch labeller is not working properly

1 Turn off the P-touch labeller, hold down Menu and R and then press (b) to turn the P-touch back on. Release Menu and R.

■ NOTE All text, settings and stored files are cleared.

▶ Entering Accented Characters

- To cancel the current operation, press

► Changing Label Length

Menu → ✓/ ► [Label Length] ← → [Auto/30-300 mm] ←

scissors so that the label length matches the machine setting

If a specific label length has been selected, 🙇 also appears in

You can save up to 9 labels and recall them for printing at a later date. A maximum of 80 characters can be saved per file, a

▶ Print

Menu → (/►) [File] → (/►) [Print] ←
→ ✓/► I:P-touch
[Copies:] ◀ /▶ 1 - 9 → ↓

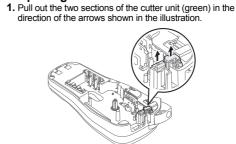


Cutter Unit:

your new label. Press (X) to cancel.

TC-4 (replacement)

If the cutter blade becomes dull after repetitive use and the tape cannot be cut cleanly, replace with a new cutter (stock no. TC-4). You may



2. Install a new cutter unit. Push it in until it snaps into place.

Resetting the P-touch

You can reset the P-touch labeller when you want to initialize the

The P-touch labeller turns on with the internal memory reset.

Depending on the format you have selected, the entire contents of your text may not be printed. For example, if you selected a fixed Label Length and the text is too

USING TEMPLATES

Auto Designs

Example: SRusty's food

Y & A V

€

NOTE

⊕7

4V �

1

 $[\star Input text \star]$ Rusty's Food \bullet \bigcirc \bigcirc [Print] \bullet

Ø

₩ •

- long, the "Text Limit!" error message will appear. (Only for DECO MODE function) The template designs cannot be edited. Only the highlighted symbols in "Symbol Key" can be used in DECO MODE.

Frame Key ABC

12345

- 0 to 4 to

NOTE

Press $\left| \overline{\mathsf{ABC}} \right|$ to select the frame design.

Frames cannot be printed on 3.5mm tape

ABC → ✓ / ► Select a frame ✓

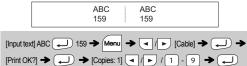
- To clear all text, press , and "Clear?" appears. Press to clear. Press
- (X) to cancel. When you access DECO MODE or Auto Designs, your most recently printed
- DECO MODE or Auto Designs text and label length will be recalled. Press (X) to return to the previous step.

6 *****

If [Surprise!] is selected, a frame, style and pictographs are selected randomly.

Cable Label

ID tape when wrapping. Flexible ID tape about the recommended



With the Cable Label function, [Auto] is automatically selected for

Text Keys AAA / AAA / Menu + 1 Symbol Key 🐏

1 Press AAA or AAA or Menu + 1 to select the To enter Basic symbols settings to enter the text.

AAA or AAA or Menu + 1 → ✓/► Select an item ✓

USEFUL FUNCTION KEYS

2 Press () to select the settings.

Size	Large	A
	Medium	<u>A</u>
	Small	
Style	Normal	Α
A AA	Bold	Α
	Outline	A
	Shadow	A
	Italic	A
	I+Bold	A
	I+Outline	A
	I+Shadow	A
	Vertical	∢
Width	Normal	Α
Menu + [1]	x 2	

Short Cut Keys

Width	Menu → 1	\triangle A
Label Length	Menu → 2	 ←→
Margin	Menu → 3	↔ ↔ _ AB
File	Menu → 4	
Cable	Menu → 5	AB
Deco mode	Menu → 6	Ð
Preview	Menu → 7	
Feed	Menu → 8	
Unit	Menu → 9	
Language	Menu →	

Contact Information Web site: www.brother.ca



retailer and for us, the manufacturer. Should you encounter any problem with your new product, please refer to the instruction manual. If you still need assistance, call our "help" line at 1-877-BROTHER.

DECO MODE

The designed labels shown below are preset in the machine. This function allows you to create unique labels by using built-in templates. Using these templates, you can create decorative labels easily by Example: $A_BC_DE_F A_BC_D$

> Menu → ✓ / ► [Deco mode] → → [Design X] (X:1-12)
> Text] ABCDEF
>
> [Input Text] ABCDEF [Label Length] → ✓/ ► [Auto/30-200mm] ← Print] ← BROTHER BROTHER BROTHER BROTHER BROTHER BROTHER BROTHER BROTHER ИТОЯВ ЯВИТОЯВ ЯВИТОЯВ ОДНЕН ВКОДИЕВ ВКОДИЕН REOTHER BROTHER BROTHER BROTHER BROTH BROTHER BROTH BROTHER BROTHE

To exit DECO MODE or Auto Designs and return to the text input screen, press ✓ / ► to select [Cancel], and then press ← when [Print] is displayed. The DECO MODE features are only available when using 12mm tape cassettes. The maximum label length is 200mm for the DECO MODE.

When [Surprise!] is selected in the Auto Designs function, label length will not be

BROTHER BROTHER BROTHER BI

displayed in the text input screen.

When [Auto] is selected for "Label Length", the label will automatically adjust to the Press to return to the [Auto] setting for "Label Length" mode.

This function allows you to create cable labels as below with 2 lines of text wrapping around cable. We recommend using Brother Flexible Refer to the insertion sheet included with



NOTE

the label length and [Full] for the margins.

Press to select various symbols.

Pasic] → I | Fasic] → I | Choose a symbol → @ | - | & # | % | ? | ! | + - × ÷ ± < > § © TM \$ | ¢ | € | £ | α β γ δ 9 | ± | ~ | == | ⊣⊢ | ∪ | μ | Ω 0 1 2 3 7 8 9 0 1 2 3 4 5 6 7 \bullet $| \circ | \blacksquare | \square |$ ★ | ☆ | ♠

Only the highlighted symbols can be used in DECO MODE To enter Pictograph symbols Pictograph]
Select category
Select category

→ 【 / ► Choose a symbol 【 】

The selected symbol is displayed as "A1" in the text input screen For example, a car 🖨 is displayed as 🖫 in the screen.

8 8 8 6 6 0 0 | 20 | A | A | A | B | B | J # 6 # * × ×

To print all pictographs

NOTE

Press (X) to return to the previous step.