brother

P-touch Pro

TZe TAPE

PT-H111 User's Guide

English

Thank you for purchasing a Brother P-touch Pro label maker!

Use your new Brother P-touch Pro label maker to create a wide variety of custom, self-adhesive labels.

This P-touch Pro label maker uses Brother TZe tapes. TZe tape cassettes are available in many colors and sizes. For a complete list of tapes compatible with your P-touch Pro label maker, visit us at: **support.brother.com**.

Please read this guide, and the included Product Safety Guide, before using this P-touch Pro label maker. After reading this guide, keep it in a safe place.

1 GETTING STARTED

Installing Power Supply and Tape Cassette

1

Print Head

Cassette Cover   Tape Cutter Lever
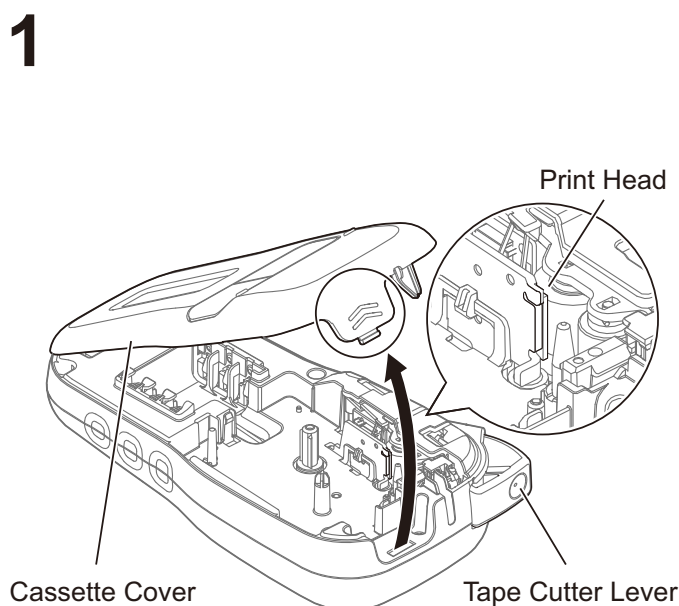
With the LCD facing down, open the Cassette Cover by pressing the grooved tab and pushing in the direction of the arrow, as illustrated.
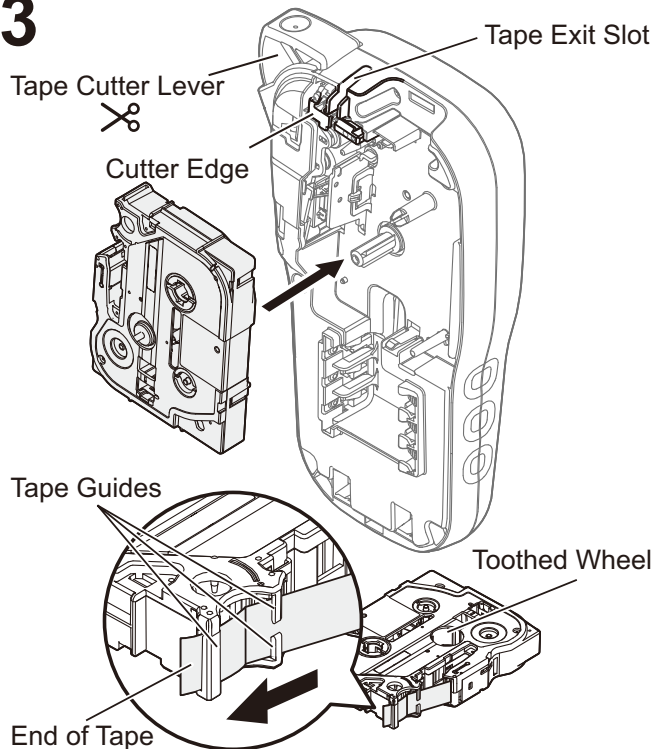
2
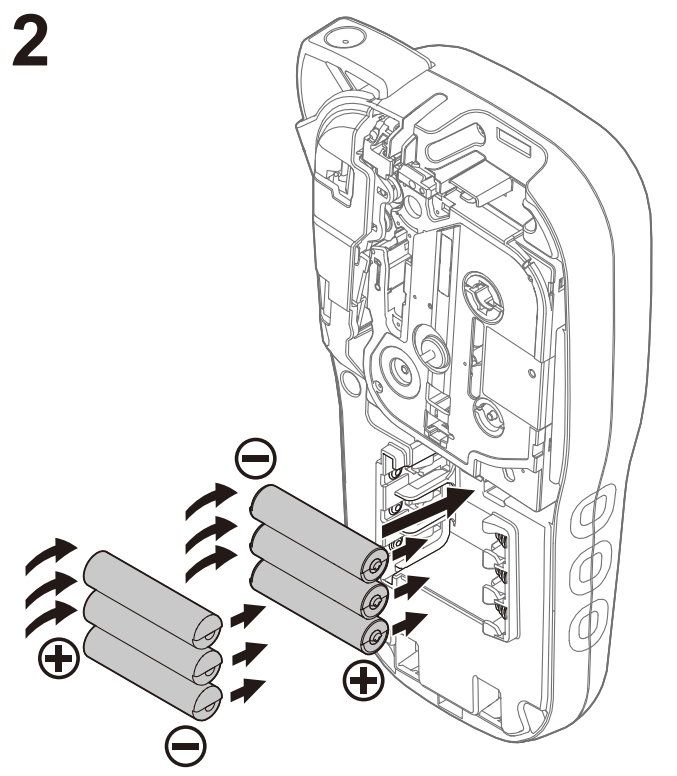
When replacing batteries or Tape Cassettes, make sure the power is turned off.

◖ NOTE

This P-touch Pro label maker requires one of the following (not included):
- six (6) AAA alkaline batteries
- six (6) fully-charged Ni-MH batteries
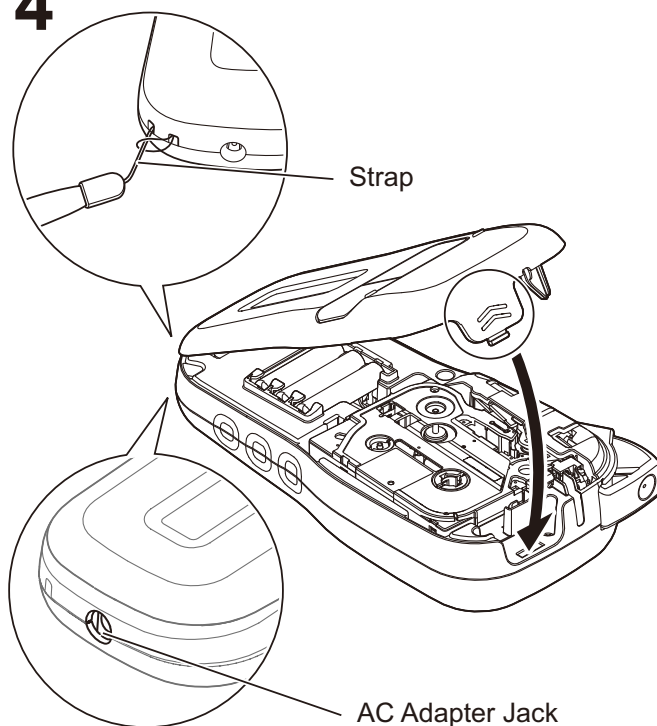- AC Adapter (AD-24, optional)

3

Tape Cutter Lever ✂

Tape Exit Slot

Cutter Edge

Tape Guides

Toothed Wheel

End of Tape

Insert the Tape Cassette following the drawing marked inside the case. Gently press the Tape Cassette into the P-touch Pro label maker until it locks into place.

- Make sure your Tape Cassette is marked TZe.
- Use Brother TZe tapes with this machine.
- Use only tape widths of 0.13" (3.5 mm), 0.23" (6 mm), 0.35" (9 mm), or 0.47" (12 mm).
- Remove any protective plastic from the Tape Cassette before inserting it.

4

Strap

AC Adapter Jack

Close the Cassette Cover and gently press until it locks into place.

◖ NOTE

If you prefer to use the optional AC Adapter (AD-24) instead of using batteries:

1. Insert the Power Adapter cord into the AC Adapter Jack on the side of the P-touch Pro label maker.
2. Insert the Power Adapter into an AC electrical outlet.

LCD

1
5
6
7

[A][A][A]

2

3
4
8
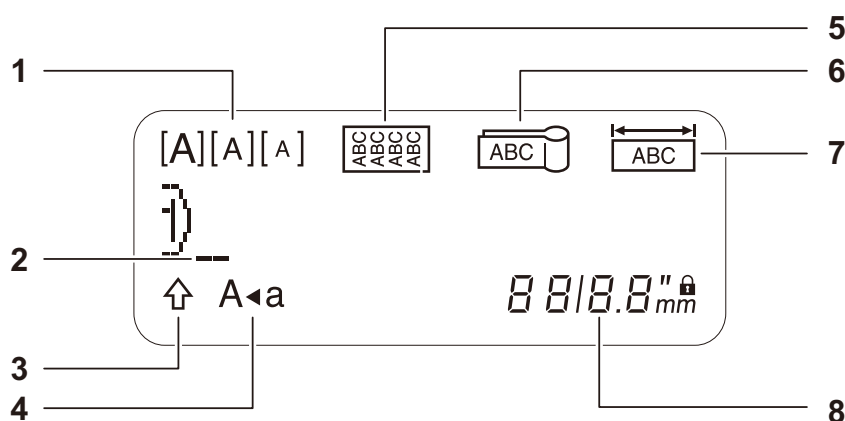
1. Size
2. Cursor
3. Shift
4. Caps

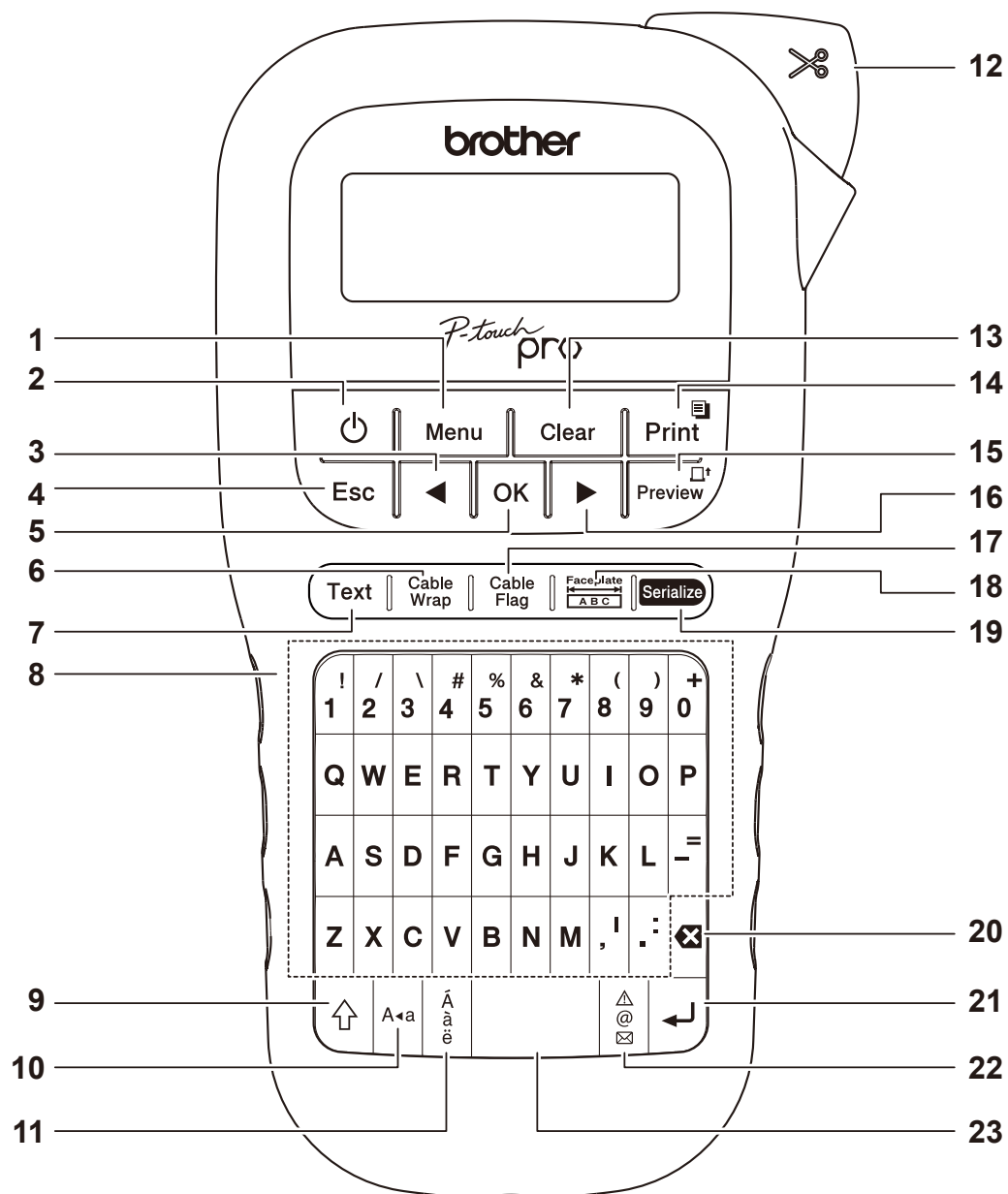5. Cable Wrap
6. Cable Flag
7. Faceplate

8. Label Length
   If you have selected a specific label length, 🔒 appears.

◖ NOTE
- The LCD displays one row of 15 characters; however, you can enter up to 80 characters in length.

- Label length displayed on the LCD may differ slightly from the actual label length when printed.

Keyboard

1. Menu key
2. Power key
3. Cursor key : Left (Use with Shift key to go to top of the text.)
4. Escape key
5. OK key
6. Cable Wrap key
7. Text key
8. Character keys

9. Shift key
10. Caps key
11. Accent key
12. Tape Cutter lever
13. Clear key
14. Print key
15. Preview key
16. Cursor key : Right (Use with Shift key to go to end of the text.)

17. Cable Flag key
18. Faceplate key
19. Serialize key
20. Backspace key
21. Enter key
22. Symbols key
23. Space key

NOTE

• When selecting settings or lengths, press the **Space** key to return to the default value.

• Pressing the **Preview** key displays a generated image of the label, and may differ from the actual label when printed.

Initial Settings

1 Turn on your P-touch Pro label maker.

Supply power using six AAA batteries or the optional AC Adapter (AD-24), and then press | ⏻ | to turn on the power.

2 Set the language.

The default setting is [English].

Menu ➔ ◀ / ▶ [Language] OK ➔ ◀ / ▶ *(Select language)* OK .

3 Set the unit of measurement.

The default setting is [inch].

Menu ➔ ◀ / ▶ [Unit] OK ➔ ◀ / ▶ [inch/mm] OK .

⬤ NOTE

• The P-touch Pro label maker automatically turns off if it is inactive for five minutes.

• To cancel any operation, press Esc .

• To return to the default setting, press the **Space** key.

Contrast

Use this function to set the LCD brightness. There are five levels from [-2] (darkest) to [+2] (brightest). The default setting is [0].

Menu ➔ ◀ / ▶ [LCD contrast] OK ➔ ◀ / ▶ [-2 / -1 / 0 / +1 / +2] OK

⬤ NOTE

• To return to the default setting, press the **Space** key.

Supplies and Accessories

Tape Cassettes: Visit support.brother.com for a list of available Brother P-touch tapes.

AC Adapter: AD-24 (optional)

Cutter Unit: TC-4 (replacement)

If the cutter blade becomes blunt after repetitive use and the tape cannot be cut cleanly, turn the cutter board as shown in the illustration ①.
If you still have difficulties, replace with a new Cutter Unit (stock no. TC-4) from an authorized Brother reseller.

▶ Replacing the Cutter Unit
1. Remove the two sections of the Cutter Unit (green) in the direction of the arrows as illustrated below ②.
2. Install a new Cutter Unit. Push it in gently until it locks into place.

Cutter Board
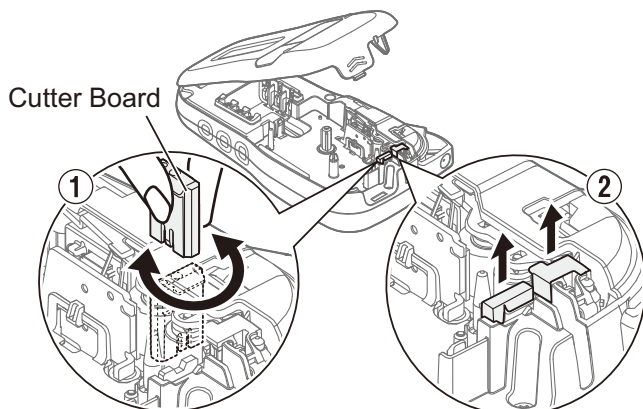
⚠ WARNING

Do not touch the cutter blade directly with your fingers.

Specifications

Dimensions: (W x D x H)	4.3" X 8.0" X 2.2" (Approx. 109 (W) X 202 (D) X 55 (H) mm)
Weight:	Approx. 0.9 lb. (Approx. 400 g) (without batteries and tape cassette)
Power supply:	Six AAA alkaline batteries (LR03) Six AAA Ni-MH batteries (HR03)[1] Optional AC Adapter (AD-24)
Tape cassette:	Brother P-touch TZe tape widths: 0.13" (3.5 mm), 0.23" (6 mm), 0.35" (9 mm), and 0.47" (12 mm)

[1] Visit **support.brother.com** for the latest information about the recommended batteries.

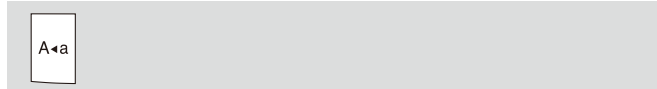For FAQs, Troubleshooting, and manuals, visit: support.brother.com.

Entering Text

You can enter a maximum of 80 characters and spaces for a text label.

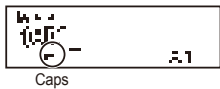To cancel any operation, press ⟨Esc⟩.

▶ Switching Upper Case / Lower Case

| A◄a |

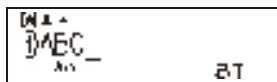| Upper case	Lower case
(A◄a ON)	(A◄a OFF)

Caps

Caps

▶ Creating Two-Line Tapes

Move the cursor to where you want to start the

next line and press ⟨↵⟩. Use either 0.35" (9 mm)
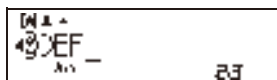
or 0.47" (12 mm) tape for two-line printing.

Line 1	The image
	ABC DEF

Line 2

🌙 NOTE

The return symbol (↵) appears when you press

⟨↵⟩.

▶ Entering Tabs

⟨Menu⟩ → ⟨◀⟩ / ⟨▶⟩ [Tab] ⟨OK⟩

The tab symbol 🅣 appears when you insert a tab in the text.

▶ Changing Tab Length

⟨Menu⟩ → ⟨◀⟩ / ⟨▶⟩ [Tab Length] ⟨OK⟩ →

⟨◀⟩ / ⟨▶⟩ [Auto / 0.0"-4.0"

(0-100mm)] ⟨OK⟩
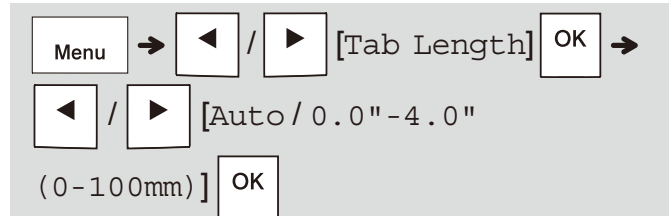
- To return to the default tab length, press the **Space** key.
- Please note: the default length varies based on your tape size.

▶ Cursor Keys

To move to the end of your text:
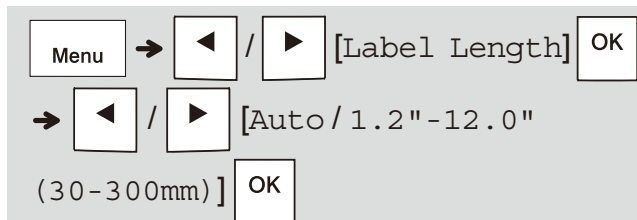
⟨⇧⟩ + ⟨▶⟩

To move to the beginning of your text:

⟨⇧⟩ + ⟨◀⟩

▶ Entering Accented Characters

⟨A⟩ - ⟨Z⟩ → ⟨ Áàë⟩ → ⟨Áàë⟩ / ⟨◀⟩ / ⟨▶⟩ → ⟨OK⟩

- Refer to the *Accented Characters* table in this guide.
- The order of accented characters varies based on the language you selected.

▶ Changing Label Length

| Menu | ➜ | ◀ / ▶ | [Label Length] | OK |

➜ ◀ / ▶ [Auto/1.2"-12.0"

(30-300mm)] OK

◖◗ NOTE

- The lock symbol 🔒 appears when you set a specific tape length.
- To return to the default length (Automatic, based on text length), press the **Space** key.

▶ Clearing Text and Settings

To delete individual letters and spaces, press ⌫ .

To delete all text :

| Clear | ➜ | ◀ / ▶ | [Text Only] | OK |

To delete all text and settings:

| Clear | ➜ | ◀ / ▶ | [Text&Format] | OK |

Saving Label Files

You can save and reuse the text and settings for up to nine different labels. Each label holds up to 80 characters (including spaces). Assign a number (1-9) to each saved file so you can reuse it, and edit or overwrite stored files as needed.
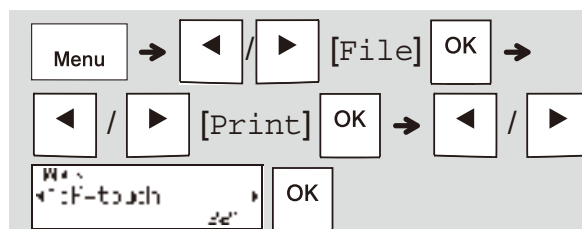
▶ Saving a new file

(Enter text) Menu ➜ ◀ / ▶ [File] OK

➜ ◀ / ▶ [Save] OK ➜ ◀ / ▶
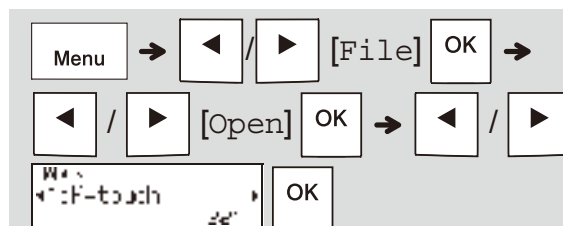
[LCD display] OK
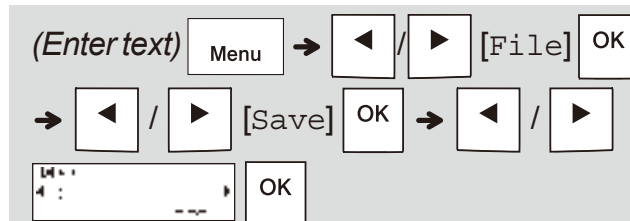
◖◗ NOTE

- When saving a file, if you reuse a number that is already assigned to another file, [Overwrite OK?] appears on the LCD. To overwrite the previously-saved file, press OK . To cancel without saving, press Esc .
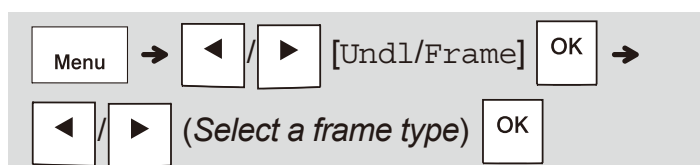
▶ Printing a saved file

Menu ➜ ◀ / ▶ [File] OK ➜

◀ / ▶ [Print] OK ➜ ◀ / ▶

[P-touch] OK

▶ Opening a saved file

Menu ➜ ◀ / ▶ [File] OK ➜

◀ / ▶ [Open] OK ➜ ◀ / ▶

[P-touch] OK

Text Key `Text`

▶ Changing Text Settings

`Text` → ◀ / ▶ [Font / Size / Style / Width] `OK` → ◀ / ▶ (*Select a setting*) `OK`

Font	Helsinki	A1
	Los Angeles	**A1**
	Atlanta	A1
Size	Large	Ā
	Medium	Ā
	Small	A
Style	Normal	A
	Bold	**A**
	Outline	A
	Shadow	A
	Italic	A
	I+Bold	A
	I+Outline	A
	I+Shadow	A
	Vertical	◁
	V+Bold	◀
Width	Normal	A
	× 2	A
	× 1/2	A

Underline and Frame

Emphasize text using underlines or a frame.

`Menu` → ◀ / ▶ [Undl/Frame] `OK` → ◀ / ▶ (*Select a frame type*) `OK`

Underline	
12345	12345
Frame	
12345	

Symbols Key

▶ Entering Symbols

`⚠@✉` → ◀ / ▶ [History*1 / Basic / Pictograph] `OK` → ◀ / ▶ (*Select a category*) `OK` → ◀ / ▶ (*Select a symbol*) `OK`
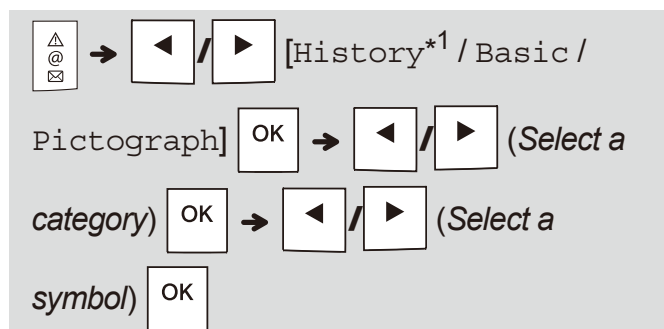
- Refer to the **Symbols** table in this guide.
- To cancel any operation, press `Esc`.
- You can also select from Basic and Pictograph categories by pressing the shortcut keys, as shown in the following tables.

▶ Basic

Punctuation	Space key	Mathematics	D
Brackets	A	Arrows	E
Bullets	B	Currency	F
Super/ Subscrpt	C	Greek	G

▶ Pictograph

Electrical	Space key	Signs	D
Datacom	A	Tools	E
AV/Security	B	Garden	F
Safety	C	Sports	G

*1 Select History to view up to seven recently-used symbols.

Printing Labels

▶ Preview

Preview

- Pressing the **Preview** key displays a preview of the label, and may differ from the actual label when printed.
- If the LCD cannot display all the text at once, press ◀ / ▶ to display the hidden text.
- Press OK / ↵ / Esc to exit Preview mode.

▶ Feeding (Tape Feed)

⇧ + Preview

- This function feeds approximately 1" (25 mm) of blank tape.
- Do not pull uncut tape from the Tape Cassette, as this may damage the Tape Cassette.

▶ Printing

Print

Press the **Print** key to print the text displayed on the LCD.

▶ Printing Multiple Copies

⇧ + Print ➜ [Copies:] ◀ / ▶ / 1¦1
-)¦9 ➜ OK

- You can print up to nine copies of each label.
- DO NOT touch the Tape Cutter Lever while the message [Please Wait] appears on the LCD.
- **To cut tape:** When printing ends, push the Tape Cutter Lever after the message [Please Cut] appears.
- To remove tape backing, fold the tape lengthwise (with the text facing inward), to expose the inside edges that run down the center of the tape backing. Peel and apply the label.
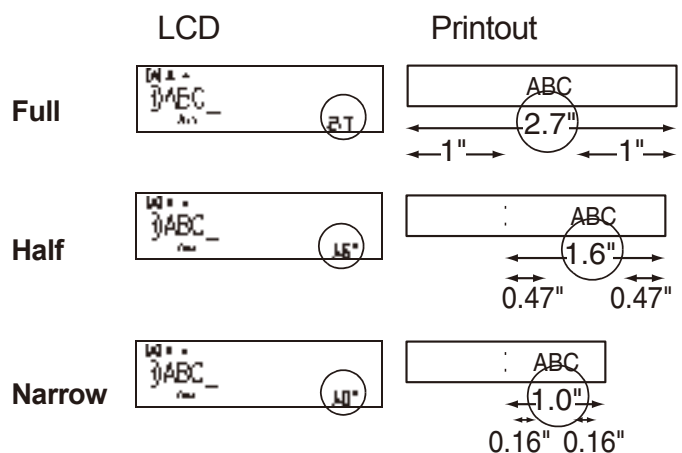
▶ Setting Margins

Menu ➜ ◀ / ▶ [Margin] OK ➜
◀ / ▶ [Full / Half / Narrow / Chain Print] OK
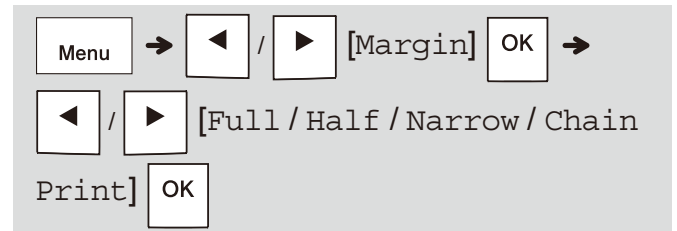
[Full] / [Half] / [Narrow]
Use one of these options to customize margin length before and after your text.
The printed dots (:) indicate the end of the label. Cut along the printed dots (:) with scissors.

	LCD	Printout
Full		ABC 2.7" 1" 1"
Half		ABC 1.6" 0.47" 0.47"
Narrow		ABC 1.0" 0.16" 0.16"

[Chain Print] (tape-saving option)
Use this option to print multiple different labels with narrow margins. This option saves tape.
1. Enter your text.
2. Press Print .
3. When [Feed OK?] appears on the LCD, press Esc to change the text.
4. Clear the text, enter the text you want on the next label, and then press Print .
5. After your last label prints, when [Feed OK?] appears on the LCD, press OK .

> **NOTE**
> - When you use [Chain Print], feed the tape before pressing the Tape Cutter Lever (⇧ + Preview), otherwise part of the text may be cut off.
> - Do not pull the tape, as this may damage the Tape Cassette.
> - The printed dots (:) indicate the end of the label. Cut along the printed dots (:) with scissors.

Cable Wrap

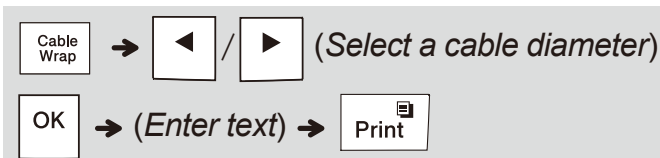Use this function to create a label that can be wrapped around a cable or wire.
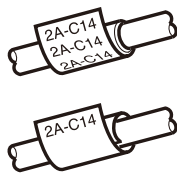
Turn on the Cable Rotate/Repeat function to print text repeatedly along the length of the label so that it can easily be read from any angle.

To activate the Text Repeat function, press Menu and then select [CableRot/Rpt].
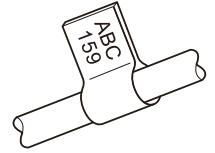
[Txt Rpt: Off]   [Txt Rpt: On]

Cable Wrap → ◀ / ▶ (*Select a cable diameter*)
OK → (*Enter text*) → Print

Cable diameter: 0.2" to 3.6" (3 mm to 90 mm)
Default: 0.3" (6 mm)

Cable Flag

Use this function to create a label that can be wrapped around a cable or wire with its ends pressed together to form a flag.

Specify the length you want, or select [Auto] to automatically adjust the flag length according to the text length.

Cable Flag → ◀ / ▶ (*Select a flag length*) OK
→ (*Enter text*) → Print
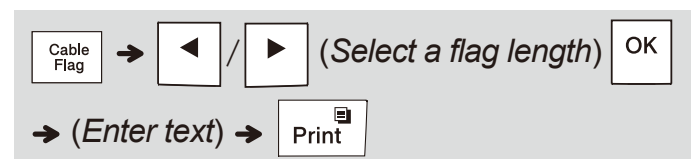
• Flag length: 0.4" to 8.0" (10 mm to 200 mm), Auto
Default: Auto
• Use the Cable Flag function when the diameter of the object is more than 0.2" (3 mm).
• Text cannot be rotated when using the Cable Flag function.

◐ NOTE

• We recommend using Brother Flexible ID Tape for labels attached to cables and wires.

• To cancel the Cable Wrap/Cable Flag/Faceplate functions during operation, press [Cable Wrap] / [Cable Flag] or [Faceplate ABC] accordingly.

• Depending on the format you select, the entire contents of your text may not be printed. For example, if the text is too long to fit into the format, the [Text Limit!] error message will appear.
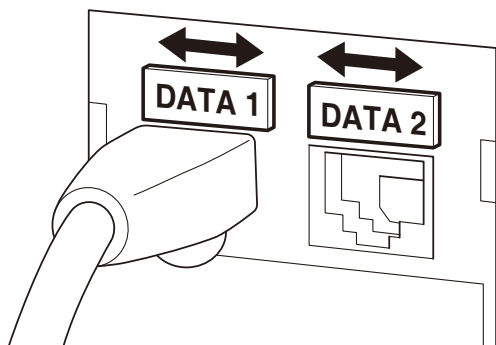
Faceplate

Use this function to create a label that can be used to identify various components on panels. Using the Faceplate function ensures that each block of text is evenly spaced on a single label.

| 1BA | 2CJ | 34C | 40B |

Faceplate
A B C → ◄ / ► (*Select a faceplate length*)

OK → (*Enter text*) → Print
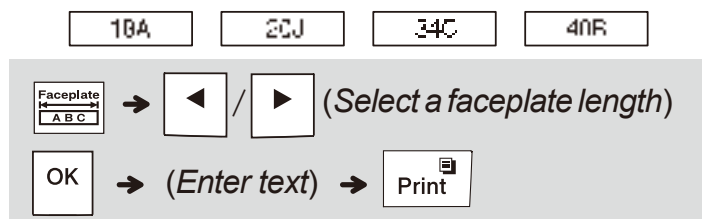
- Faceplate length: 1.2" to 12.0" (30 mm to 300 mm)
  Default: 2.0" (50 mm)

NOTE
- Faceplate and Serialize functions can be combined after entering text and following the Serialize steps.

Serialize

Use this function to create multiple labels with a number or letter automatically incremented on each label.

This serializing function can also be used with the Cable Wrap, Cable Flag, or Faceplate templates to save time entering and printing a series of labels.

| 1BA | 1BB | 1BC | 1BD |

(*Enter text*) DATA_ → ◄ / ►

(*Select a character to be incremented*)

DATA → Serialize → [Serialize:]

◄ / ► / 0 + - 9) Serialize:DATA → OK
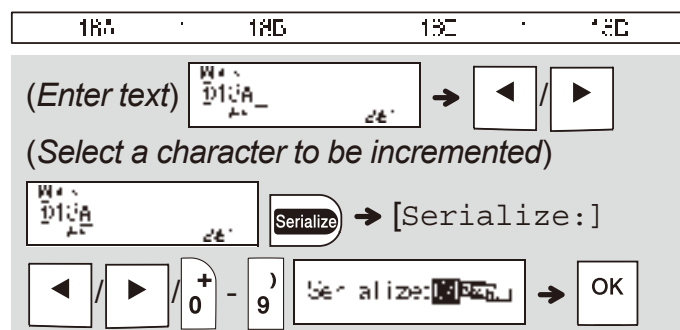
- You can Serialize numbers from 01 - 50.

4 HELPFUL HINTS

Shortcuts

Language	Menu → Space key
Undl/Frame	Menu → `1` (')
Label Length	Menu → `2` (/)
Margin	Menu → `3` (\)
CableRot/Rpt	Menu → `4` (#)
File	Menu → `5` (%)
Tab	Menu → `6` (&)
Tab Length	Menu → `7` (*)
Unit	Menu → `8` (()
LCD contrast	Menu → `9` ())

Resetting the P-touch Pro Label Maker

Reset your P-touch Pro label maker when you want to initialize the settings, or in the event it is not working properly. Resetting clears all the text, settings, and stored files.

1 Turn off the P-touch Pro label maker, hold down ⇧ and R , and then press ⏻ to turn the P-touch Pro label maker back on.

2 First release the power button, and then release ⇧ and R .

The P-touch Pro label maker turns on with the internal memory reset.

If you have questions or need information about your Brother product, please visit us online or call.

For FAQs, Troubleshooting, and Manuals, visit support.brother.com.

To order supplies and accessories, visit support.brother.com or call 1-877-552-6255.

For USA Customer Service, call 1-877-BROTHER (1-877-276-8437) Fax: 1-901-379-1210

⚠ CAUTION

USING A COMBINATION OF DIFFERENT BATTERIES (SUCH AS ALKALINE WITH Ni-MH) , MAY RESULT IN AN EXPLOSION. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

◖ NOTE

- Remove the batteries if you do not intend to use the P-touch Pro label maker for an extended period of time.
- Dispose of batteries at an appropriate collection point, not in the general waste stream. Be sure to observe all applicable federal, state, and local regulations.
- When storing or discarding a battery, wrap it with cellophane tape to prevent it from short-circuiting. (see illustration)

  1. Cellophane tape
  2. Alkaline or Ni-MH battery
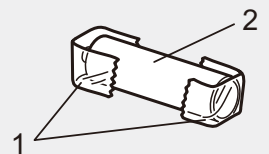
  Replace all six batteries at the same time. Do not mix old and new batteries when you use the machine.

5 SYMBOLS

Category	Symbols (Basic)
Punctuation	. , ? ! " ' : ; – _ \ / & ¿ ¡ ¯ • * @ # % ¦ | ^
Brackets	( ) [ ]
Bullets	✓ ☑ ● ○ ■ □
Super/Subscript	º ® © ™ ₂ ¹ ² ³
Mathematics	< > + – × ÷ ± = ≠ ≤ ≥
Arrows	➡ ⬅ ⬆ ⬇ ↑ ↓ ↗ ↘ ↙ ↖ ↔ ⇄ ↕
Currency	$ ¢ € £ ¥ ₺
Greek	α β γ δ φ λ μ Ω Σ

Category	Symbols (Pictograph)
Electrical	
Datacom	
AV/Security	
Safety	
Signs	
Tools	
Garden	
Sports	

Accented Characters

A	Ȧ Á Ā Ä Æ Ã Ą Å Ā Ā			a	ȧ á ā ä æ ã ą å ā ā	
C	Ç Č Ć	D	Ď Đ	c	ç č ć	d	ď ð đ
E	Ė É Ē Ë Ę Ê Ė Ē			e	ė é ē ë ę ê ė ē	
G	Ġ Ḡ	I	Í Î Ï Ǐ İ Į Ī I	g	ġ ḡ	i	í î ï ǐ į ī ı
K	Ķ	L	Ł Ĺ Ļ Ľ	k	ķ	l	ł ĺ ļ ľ
N	Ñ Ň Ń Ņ	R	Ř Ŕ Ŗ	n	ñ ň ń ņ	r	ř ŕ ŗ
O	Ó Ȯ Ō Ø Ö Õ Œ Ö			o	ó ȯ ō ø ö õ œ ö	
S	Š Ś Ş ß	T	Ť Ţ Þ	s	š ś ş ß	t	ť ţ þ
U	Ů Ú Û Ü Ų Ů Ū Ü			u	ů ú û ü ų ů ū ü	
Y	Ý Ÿ	Z	Ž Ź Ż	y	ý ÿ	z	ž ź ż

6 TROUBLESHOOTING

▶ **Error messages**

Message	Cause / Remedy
`Battery Low!`	The batteries are weak. If using AAA alkaline batteries, replace them with new ones (do not use a combination of old and new batteries). If using Ni-MH batteries, charge them fully.
`Battery Empty!`	The batteries installed need to be replaced.
`Invalid!`	• An invalid number was entered as the label length, tab length, cable diameter, flag length, or faceplate length. • An invalid letter or number to be incremented was selected in the Serialize function.
`No Text!`	• You tried to print a text file when there is no data stored in the memory. • ⊞ `Print` is pressed when no text is entered. • ⇧ + ⊞ `Print` is pressed when no text is entered. • `Preview` is pressed when no text is entered.
`2 Line Limit!/ 1 Line Limit!`	• You tried to enter a third line by pressing ↵. • You tried to print or preview two lines of text while 0.13" (3.5 mm) or 0.23" (6 mm) tape is installed. Install a larger tape size.
`No Cassette!`	There is no Tape Cassette installed. Install a Tape Cassette with the TZe mark.

Message	Cause / Remedy
`Cutter Pressed`	The Tape Cutter Lever was pressed in the middle of the printing process.
`Text Full!`	The maximum number of characters (80 characters for text) has already been entered.
`Text Limit! Change Length`	You may have exceeded the set tape length. Reduce the text or select [`Auto`] as the tape length.
`Feed OK?`	Feeding tape after printing when [`Chain Print`] is selected. Refer to the ***Setting Margins*** section in this guide.
`Wrong Tape! Use TZe tape`	Use a Tape Cassette with the TZe mark.

▶ What to do when

Problem	Solution
The display remains blank after you have turned on the P-touch Pro label maker.	• Check that the batteries are correctly installed. Refer to the ***Installing Power Supply and Tape Cassette*** section. • The batteries may be weak. Replace them. • Check that the AD-24 Adapter is correctly connected.
When the label is printed, there is too much margin (space) on both sides of the text.	Refer to the ***Setting Margins*** section in this guide and select [Half] , [Narrow] or [Chain Print] to have smaller margins for your tape.
The P-touch Pro label maker does not print, or the printed characters are not formed properly.	• Check that the Tape Cassette is inserted correctly. • If the Tape Cassette is empty, replace it. • Check that the Tape Cassette Cover is closed correctly.
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 and formats in the display settings are cleared.
A blank horizontal line appears through the printed tape.	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. Refer to the ***Installing Power Supply and Tape Cassette*** section in this guide for the Print Head location.

Problem	Solution
The P-touch Pro label maker has "locked up" (i.e., nothing happens when a key is pressed, even though the P-touch Pro label maker is on.)	Refer to the ***Resetting the P-touch Pro Label Maker*** section in this guide.
The power turns off when you try to print.	• The batteries may be weak. Replace them. • Check that the batteries are correctly inserted. • The wrong AC Adapter is used. We recommend using the AD-24 Adapter.
The tape does not feed properly or the tape gets stuck inside the P-touch Pro label maker.	• Check that the end of the tape feeds under the tape guides. Refer to the ***Installing Power Supply and Tape Cassette*** section in this guide for an example. • The Cutter Lever is pressed while printing. Do not touch the Cutter Lever during printing.
To change language setting.	Refer to the ***Initial Settings*** section in this guide.