

English

With your PT-E100, you can create labels for multiple applications. Select from the many character sizes and styles to design professional looking custom labels. In addition, the variety of tape cassettes available allows you to print labels with different widths and industrial colors.

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

Printed in China

LAB662001



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

Make sure that the power is turned off when

LCD Display & Keyboard

678900

ABCDE

FGHIJ

KLMNO

PQRST

Cause/Remedy

If using AAA alkaline batteries: Replace them with

Use recommended (optional) AD-24ES adapter until

An invalid number was entered as the label length.

tab length, cable diameter, flag length or faceplate

An invalid letter or number to be incremented was

You tried to print a text file when there is no data stored in the memory.

You tried to select Text Preview when no text is

You tried to enter a 3rd line by pressing ().

You tried to print or preview two lines of text while 0.13" (3.5mm) or 0.23" (6 mm) tape is installed. Install

You tried to print or preview a label when there is no

Print or Serialize was pressed when no text is entered

selected in the Serialize function

tape of a larger size.

• If using Ni-MH batteries: Charge them fully.

Troubleshooting

The batteries are weak

Battery Dead The installed batteries are running low

Error message

Message

Low Battery!

No Data!

Line Limit!

replacing batteries or tape cassettes.

installed, remove them.

Safety Precautions

smoke.
Always use the specified voltage and the recommended AC adapter (AD-24ES) for the P-touch labeler to prevent any damage or failure.
Do not touch the P-touch labeler during a lightning storm.
Do not use the P-touch labeler/AC adapter in places of high humidity such as bathrooms.
Do not overload the power cord.
Do not place heavy objects on, or damage the power cord or plug. Do not forcibly bend or pull the power cord. Always hold the AC adapter carefully when disconnecting from the power outlet.
Make sure that the plug is fully inserted in the power outlet. Do not use an outlet that is loose.
Do not allow the P-touch labeler/AC adapter/power plug/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 labeler/AC adapter/batteries.
Do not use sharp objects, such as tweezers or a metallic pen to change.

pattery. Do not use sharp objects, such as tweezers or a metallic pen, to change

Do not use sinal polycolors the batteries.

Do not throw the batteries into fire or expose to heat.

Disconnect the AC adapter, remove batteries immediately and stop using the P-touch labeler if you notice abnormal odor, heat, discoloration, deformation or anything unusual while using or storing it.

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

nands.
Do not use a deformed or leaking battery or one with a damaged label.
There is a possibility of generating heat.

Insert six new AAA alkaline batteries

MH batteries (HR03:not included).

same time with brand new ones.

correct directions.

1. Size

Cursor

Caps

Cable Wrap

7. Label Length

also appears.

10. Cursor key: Right

Cursor key: Left

● NOTE

Guidance (left, right)

If a specific label length

has been selected, 🛕

5. Faceplate

Users of alkaline batteries:

Users of Ni-MH batteries:

(LR03:not included) or fully charged Ni-

making sure that their poles point in the

Always replace all six batteries at the

Always replace all six batteries at the

Visit us at http://solutions.brother.com/ for the latest

12. Backspace key

13. Cable Wrap key

14. Cable Flag ke

15. Character key

Symbol key

Print key

22. Serialize key

24. Accent key

25. Space key

The LCD shows one row of 15 characters; however, the text that

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

The print preview shows just the text data on the label and will

Label length shown on LCD may slightly differ from the actua

you enter can be up to 80 characters in length.

differ from the actual printed label

label length when printed.

Message

Cutter Error

Text Full!

Text Limit!

OK to Feed?

23. Faceplate key

Cause/Remedy

The tape cutter lever was used during the printing

The maximum number of characters (80 characters for regular text) has already been entered.

Since the number of entered characters exceeds the

label length, reduce the text, or select [Auto] as the

Printing on 0.13" (3.5mm) tape with invalid Frame

Feeding tape after printing when [Chain Print] is selected. Refer to "Setting Margin".

No Frame OK? setting ON. (Select to print with no Frame,

Wrong Tape! Use a tape cassette with the Leg or HGo mark.

(BS) to cancel.)

16. Caps key

18. Menu key

Clear key

21. Enter key

same time with fully charged ones.

information about the recommended batteries

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

Follow these guidelines to avoid personal injury, liquid leakage, burns or heat. Follow these guidelines to avoid the risk of fire, burns, injury, electric shock, rupture, overheating, abnormal odor or

ACAUTION

- When the P-touch labeler is not being used, store it out of the reach of children. In addition, do not allow children to put the P-touch labeler 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 and disconnect the AC adapter if you do not intend to use the
- P-touch labeler.
 Do not use a battery other than that specified. Do not use combinations of old and new batteries or combinations of different types, different charging levels, different manufacturers or different models. Do not insert a battery with its plus and minus

- ends reversed.

 Do not drop or hit the P-touch labeler/AC adapter.

 Do not drops on the LCD display.

 Be careful not to trap your fingers when closing 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.

 When using Ni-MH rechargeable batteries, charge the batteries with a specialized battery charger before using the batteries.

General Precautions

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.

- the material.

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

 Use only Brother TZe or HGe tapes with the P-touch labeler. Do not use tapes that
- do not have the TEG or HGG mark.
- Only use a soft, dry cloth to clean the labeler; never use alcohol or other organic

Insert a tape cassette, making sure that

· Make sure that the end of the tape feeds under

• Use only Brother TZe or HGe tapes with this

Approx. 4.4" × 8.2" × 2.4"

Approx. 0.9 lb. (Approx. 390 g)

Six AAA alkaline batteries (LR03)

Six AAA Ni-MH batteries (HR03)*

Optional AC adapter (AD-24ES)

Solution

· Check that the batteries are correctly

· If the batteries are weak, replace them

See "Setting Margin" in this users guide

and select [Half] or [Narrow] to have

Check that the tape cassette has beer

Check the cassette cover is properly

The batteries may be weak. Replace

· When power is disconnected for more

than three minutes, all text & formats in

There maybe some dust on the print

head with an up-and-down motion.

head. Remove the tape cassette and use a dry cotton swab to gently wipe the prin

settings will also be cleared.

the display will be lost. Language and Un

maller margins for your label.

inserted correctly.

Plug in (optional) AD-24ES adapter.

Brother TZe tape (width)

0.13" (3.5mm), 0.23" (6mm)

0.35" (9mm), 0.47" (12mm)

Brother HGe tape (width)

0.23" (6mm), 0.35" (9mm),

Visit us at http://solutions.brother.com/ for the latest

Should you encounter any problems with your product,

information about the recommended batteries.

please do not return your product to the store!

Web: www.brothermobilesolutions.com

Voice: 1-800-255-0415

What to do when.

The display stays blank

When the label is printed

out, the margin (space) is

too large on both sides of

The machine does not

characters are not formed

The setting has cleared

A blank horizontal line

appears through the

print, or the printed

the machine.

the text.

on its own.

printed label.

after you have turned on

Email: mobileservice@brother.com

After referring to the User's guide, if you still need

 $(Approx.110(W) \times 208(D) \times 59(H)mm)$

without batteries and tape cassette

it snaps into place.

Specifications

 $(W \times D \times H)$

Weight:

the tape guides.

machine.

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 labeler, batteries or AC adapter in direct sunlight or rain Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate near heaters or other hot appliances, in any location exposed to extremely high or

NOTE

Cutter's

edge

Important

Changes or modifications not expressly approved by Brother Industries, Ltd. could void the user's authority to operate the equipment.

AC adapter socket

Securely close the cassette cover, making

1. Connect the AC adapter into the AC adapter socket on

outlet. For memory back up, we recommend using

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

Menu → ✓/► [Language] → ✓/►

erlands/Norsk/Polski/Português/Portug. (BR)/

Română/Slovenski/Slovenský/Suomi/Svenska/Türkce/

The machine automatically turns off if no keys are pressed within

Solution

• Refer to "Resetting the PT-E100."

The batteries may be weak. Replace

· Check that the batteries are correctly

Plug in (optional) AD-24ES adapter.

Check that the end of the tape feeds

The cutter lever was pressed while printing. Do not touch the cutter level during printing

Press Clear and select [Text&Format].

under the tape guides.

Contact Information

Čeština/Dansk/Deutsch]

Menu → ◄ / ► [Unit] ←

To cancel any operation, press (BS)

The machine has "locked

up" (i.e., nothing happens

when a key is pressed,

even though the machine

The power turns off when

The tape does not feed

properly or the tape gets

stuck inside the machine.

All text and format settings

Brother Mobile Solutions, Inc.

Broomfield, CO 80021

100 Technology Drive, Suite 250A

www.brothermobilesolutions.com

need to be cleared to

The LCD is set to an

incorrect language.

create a new label.

3 Set the unit of measurement.

The default setting is [inch].

NOTE

five minutes.

AAA alkaline batteries (LR03) or Ni-MH batteries

2. Insert the plug into the nearest standard electrical

sure that it snaps into place

the bottom of the machine.

Initial Settings

Start your machine.

2 Set the language.

When using the optional AC adapter (AD-24ES)

(HR03) together with the AC adapter.

Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Consult the dealer or an experienced radio/TV technician for help.

low temperatures (e.g., on the dashboard or in the back of your car) or high humidit

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 labeler

When power is disconnected for more than three minutes, all text, format settings and

FCC NOTICE

This device complies with Part 15 of the FCC Rules. Operation is subject to

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 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 one or more of the following measures:

Reorient or relocate the receiving antenna.

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.

The P-touch labeler is not equipped with a charging feature for rechargeable 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

Do not apply excessive pressure to the cutter lever.

any text files stored in the memory will be cleared.

BASIC USAGE

Entering Text

► Switching Upper Case/Lower Case



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

- Enter the text for the first line and then press for the second line.
- Move the cursor to where the second line starts and press

Use either 0.35" (9mm) or 0.47" (12mm) wide tape for two line text. LCD display Label image ABC DEF

NOTE

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

▶ To Clear

Press (BS) to delete the letters one by one

To delete all text and settings Clear → ✓/ ► [Text&Format] ← To delete text only Clear → (✓/ ► [Text Only] ←

► Entering Tab

Menu → ◄ / ► [Tab] ←

To change tab length:

Menu → ✓/ ► [Tab Length] → ✓ /► [Auto/0.0"-4.0" (0-100 mm)] ←

Using a 0.35" (9mm) wide tape with settings of [Small] text size, [x 1/2] text width and [0.59" (15mm)] tab length, you can create a label suitable for patch panel.

1A-B01 1A-B02 1A-B03 1A-B04

Entering a Tab will position the cursor to the next Tab Length starting from the left side of the label and not from the last character position

 $A - Z \rightarrow \cancel{\land} \rightarrow \cancel{\land} / \checkmark / \blacktriangleright \rightarrow \checkmark$

▶ Entering Accented Characters

| Ι. | _ | | | | | | | |
|----|---|-------------|---|--------|---|-------|----|-------------|
| | Α | AAAÄ | ÆĀ | ĄÅÄÄ | а | áàâä | æã | ąåāă |
| | С | ÇČĆ | D | ĎĐ | С | ÇČĆ | d | ď ð đ |
| | Ε | ÉÉÉ | ËĘ | ĔĖĖ | е | éèê | ëę | ěėē |
| | G | ĢĞ | Ι | 111111 | g | ģğ | i | î j ï î i î |
| | K | Ķ | L | ŁĹĻĽ | k | ķ | Ι | 1 1 1 P |
| | Ν | ÑŇŃŅ | R | ŘŔŖ | n | ñňńņ | r | řŕŗ |
| | 0 | 000 | ØÖ | ÕŒŐ | 0 | ÓÒÔ | øö | õ œ ő |
| | S | ŠŚŞŞβ | Т | ŤΤÞ | s | šśşşβ | t | ťţþ |
| | U | ÚÙÛ | ÜŲ | ŮŨŰ | u | úùû | üų | ůűű |
| | Υ | ÝΫ | Z | ŻŻŻ | у | ýÿ | z | žźŻ |
| ' | | To cancel t | To cancel the current operation, press (BS) | | | | | |

- To cancel the current operation, press (BS)
- The order of accented characters differs depending on the selected LCD language

► Changing Label Length

Menu → ✓/ ► [Label Length] → [Auto/1.2"-12.0" (30-300 mm)] ←

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

You can reset your PT-E100 labeling system when you need to nitialize the settings, or if the PT-E100 is not working properly.

- Turn off the P-touch labeler, hold down Menu and
- The P-touch labeler turns on with the internal memory reset.

All text, settings and stored files are cleared.

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

Reset the PT-E100

- R and then press (b) to turn the P-touch back on. Release Menu and R.

Printing Labels

Preview You can preview the text before printing.

► Feeding (Tape Feed)

▶ Printing

number kev.

► Setting Margin

[Full]/[Half]/[Narrow]

[Chain Print]

1. Enter tex

Menu → ✓/► [Preview] ←

Menu → (◄ / ► [Feed] (—

selecting the number of copies.

· You can print up to 9 copies of each label

Menu → ◄ / ► [Margin] ← →

[Full/Half/Narrow/Chain Print]

For leaving equal margins on both sides of the text.

3. Press ◀ / ► or enter a number using the number keys

4. Press . Printing will start, and then the message "OK

6. Clear the text, enter the text for the next label, and then

7. When the message "OK to Feed?" appears after the last

8. After the tape is fed, press the cutter lever to cut off the

When [Half] or [Narrow] is set, the displayed label length is the

Label image

length from the printed dots () to the end of the label.

(Z.T)

(1.5")

To print more than 1 copy of a label with minimum margin, set

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

Do not pull the tape since this may damage the tape cassette.

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 maximum total of 720

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

Menu → ◀ / ▶ [File] → ◀ / ▶ [Print] ↓

Menu → ◀ / ▶ [File] → ◀ / ▶ [Save] ←

Menu → ◀ / ▶ [File] → ◀ / ▶ [Open] ←

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

Tape Cassettes: See the included "Supplies and Accessories Guide"

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

1. Pull out the two sections of the cutter unit (green) in the

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

♠ Do not touch the cutter blade directly with your fingers.

direction of the arrows shown in the illustration

your new label. Press (BS) to cancel.

Cutter Unit: TC-4 (replacement)

► Replacing the Cutter Unit

obtain this item from an authorized Brother reseller

Accessories

printed dots (;) with scissors so the text is centered in the label.

For batch printing without ejecting each label.

2. Press Print, then [Copies:] appears.

to select the number of copies.

5. Press (BS) to enter more text.

label is printed, press

to Feed?" appears

press Print .

chain of labels.

NOTE

Narrow

▶ Save

▶ Open

■ NOTE

the margin to [Narrow].

*Feed the tape before using the cutter.

Saving Label Files

This is not a preview image of the label, just the text on the label

Print → [Copies: 1]

• If you need only 1 copy of the label, press without

· The number of copies can also be specified by pressing a

To prevent damage to the tape, do not touch the cutter level

while the message "Printing..." or "Feeding..." is displayed.

To cut off the label, push in the tape cutter lever on the upper-

Peel the printed label from the backing and apply the label.

around a cable or wire. The input text line is rotated 90° counterclockwise and printed on a label whose length is automatically determined by setting the cable diameter.



With the CableRot/Rpt function, the text is printed repeatedly along the length of the label so that it can easily be read from any angle

Txt Rpt: On



ភិភិភិភិភិភិភិភិ ភភភភភភភភ

You can select the desired flag length. When [Auto] is selected, the flag length is automatically adjusted according to the text length.



able Flag → ✓ / ► Select a flag length ← → Input text \rightarrow Print \rightarrow [Copies:] $\boxed{/ \triangleright / 1}$ - $\boxed{9}$ \rightarrow $\boxed{}$

Cable Flag

With this function, a label can be wrapped

around a cable or wire with its ends stuck

together to form a flag. The input text lines

are printed at the both ends of a label.

→ (Print) → [Copies:] < / | → / 1 - 9 → ← Cable diameter: 0.2" to 3.6" (3mm to 90mm) available

- To activate the Txt Rpt function, press $\left|\mathbf{Menu}\right|$ and then select [CableRot/Rpt].

Default: 0.3" (6mm)

NOTE For labels attached to cables and wires, we recommend using Flexible

USING TEMPLATES

You can create a label that can be wrapped

Cable Wrap

Txt Rpt: Off

ID Tape. Use the cable flag function when the diameter of the object is less than 0.2" (3mm). To deactivate the Cable Wrap/Cable Flag/Faceplate function during

operation, press $^{\left[\text{Cable Wrap} \right]}$ / $^{\left[\text{Cable Flag} \right]}$ / $^{\left[\text{Faceplate} \right]}$ accordingly and the settings change back to standard.

Labels printed with this function can be used to identify various components or panels

A block of text is evenly spaced on a single label.

Faceplate

18A 20J 34C 40B → ✓ / ► Select a faceplate length → Input text \rightarrow Print \rightarrow [Copies:] $\boxed{\ }$ / $\boxed{\ }$ / $\boxed{\ }$ / $\boxed{\ }$ - $\boxed{\ }$ 9 \rightarrow $\boxed{\ }$

 Faceplate length: 1.2" to 12.0" (30mm to 300mm) Default: 2.0" (50mm)

To position the text appropriately for multiple ports in a single

print, either use the chain print function with the Faceplate length egual to the port width, or enter the Faceplate length egual to the total length over all the ports and then use the tab function to space out each port data.

USEFUL FUNCTIONS

You can select the desired frame design.

Menu → ✓ / ► [Undl/Frame] ← → ✓ / ► Select a frame type 🔎 **-284**

NOTE Frames cannot be printed on 0.13" (3.5mm) tape.

Short Cut Keys

Menu → 1 Tab Length Menu → 3 Menu → 0 Undl/Frame Menu → -Label Length Menu → CableRot/Rpt Menu → Print **Menu** → 7

Text Keys Menu + 1 /2 /3

enter the text.

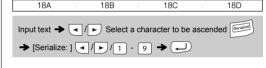
Cable Wrap → ✓ / ► Select a cable diameter → Input tex • Flag length: 0.4" to 8.0" (10mm to 200mm), Auto

Serialize

Using the Serialize function, you can print multiple labels with a number or letter automatically incremented on each labe

Depending on the format you select, the entire contents of your text

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.



Underline and Frame

1 Press (to select one of 12 symbol categories. ©△ → ✓/► Select a category ←

2 Use \(\(\sigma \) \(\rightarrow \) to select the desired symbol.

Symbol Key

Select a symbol

ن & / (|) | [|] | < | > | «

→ | ← | ↑ | ↓ | ↑ | ↓ | ↗

α β γ δ Φ λ μ

w | w | ⊣⊢ | dd | ∞ | 3€ | ->⊢

<u>₹</u> **■ ▶ → → →**

<u>A</u> | ⊕ | <u>A</u> | ♥ | <u>A</u> | ***** | <u>A</u>

5 A * A F

y ∠ K ↔ ⇄ ‡

\$ ¢ € £ ¥

00 | 8 | 9 | ---

 Θ

1 Press Menu + 1 /2 /3 to select the settings to

Menu + 1 / 2 / 3 → → → / ► Select an item →

2 Press / b to select the settings

| Menu + 1 | Medium | <u>A</u> |
|----------|-----------|----------|
| | Small | |
| Style | Normal | Α |
| Menu + 2 | Bold | Α |
| | Outline | A |
| | Shadow | A |
| | Italic | A |
| | I+Bold | A |
| | I+Outline | A |
| | I+Shadow | A |
| | Vertical | ∢ |
| Width | Normal | Α |
| Menu + 3 | × 2 | A |

× 1/2

NOTE

different on the machine LCD and when printed.

The symbols shown in the above table may look slightly

Press (BS) to return to the previous step.

 To clear all text, press Clear, select [Text&Format] or [Text only], then press . Press BS to cancel.

may not be printed. For example, if the text is too long to fit into the format, the "Text Limit!" error message will appear Text cannot be rotated in the Cable Flag function.