



Rotulador Brother PT-70BM

O PT-70M é um rotulador portátil elegante e moderno que utiliza fitas "M" não laminadas de 9 e 12 mm de largura. Ele imprime em 2 tamanhos e 9 estilos de texto – todos acessíveis a partir do seu teclado QWERTY fácil de usar, que possui teclas salientes para uma digitação mais precisa.



brother

P-touch®

M TAPE

ELECTRONIC LABELING SYSTEM

PT-70

USER'S GUIDE

English / Español

Printed in China
LW6435001

www.brother.com

INTRODUCTION

With your PT-70, you can create labels for virtually any application. Select from the many frames, character sizes and styles to design beautiful custom labels. In addition, the variety of tape cartridges available allows you to print labels in different widths and exciting colors.

Read this manual carefully before using your machine and keep in a handy place for future reference.

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 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.
- Increase the separation between the equipment and receiver.
- Connect the equipment into 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 authority to operate the equipment.

GENERAL PRECAUTIONS

- Use only Brother M tapes with this machine. Do not use tapes that do not have the mark.
- Do not clean the machine with alcohol or other organic solvents. Only use a soft, dry cloth.
- Do not touch the print head mechanism. Use a soft wipe (e.g. a cotton swab) when cleaning the print head.
- To avoid injuries, do not touch the cutter's edge.
- To prevent damage or breakage of the LCD glass, do not press on the display.
- Do not put any foreign objects into or heavy objects on the machine.
- Do not leave any rubber or vinyl on the machine for an extended period of time, otherwise the machine may be stained.
- Do not get the machine wet, such as by handling the machine with wet hands or spilling beverages onto the machine.
- Do not expose the machine to extremely high temperatures or high humidity. Never leave it on the dashboard, in the back of your car, near heaters or other hot appliances. Keep it out of both direct sunlight and rain.
- Avoid using the machine in extremely dusty places.
- Depending on the environmental conditions and the applied settings, some characters or symbols may be difficult to read.
- Do not pull on the tape being fed from the P-touch labeler, otherwise the tape cassette or P-touch labeler may be damaged.
- Do not attempt to cut the tape while printing or feeding since this will damage the tape.
- Do not try to print labels using an empty tape cassette set in the P-touch labeler. Doing so will damage the print head.
- Remove the batteries if you do not intend to use the machine for an extended period of time. (Note: When power is disconnected for more than two minutes, all text and format settings will be cleared. Language, unit and clock settings will also be cleared.)
- Make sure that the power is turned off when replacing batteries or tape cassette.
- Do not use old and new batteries together or mix alkaline batteries with other type batteries, or set the positive and negative end in the wrong position. Otherwise, the batteries may leak or be damaged.

1 PREPARATION

Unpacking Your P-touch Labeler

Check that the package contains the followings before using your P-touch labeler.

PT-70

M tape cassette

User's Guide

Accessories Guide

Warranty Card

Included items may differ by distribution.

Power Supply & Tape Cassettes

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

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 cassette.

2 Insert four new AAA-size alkaline batteries (LR03), making sure that their poles point in the correct directions. Always replace all four batteries at the same time using brand new ones.

3 Insert a tape cassette, making sure that it snaps into place.

4 Attach the back cover by inserting two hooks at the bottom into the slots on the machine, then pushing down firmly on the cover until it snaps into place.

After you have installed the tape, feed the tape (Shift + Print) once and then push in the tape cutter lever to cut the tape.

2 OPERATION

Keyboard & LCD

- The LCD shows one row of 8 characters; however, the text that you enter can be up to 80 characters in length, which will scroll across the display.
- Use Cursor key while holding down Shift key to go to beginning / end of the text.

Initial Setting

1 Turn on your machine.

Supply power by using four AAA batteries, and then press .

2 Set the language (English/Spanish/French/Portuguese).

Choose a language with and and press .

3 Set the unit (inch/mm).

Choose a unit with and and press .

4 Set Date (MM/DD/YY) and Time (hh:mm).

Example: setting the clock to March 20th 2006, 10:30AM

Date (MM/DD/YY)

MM/01/06 input "03" → 03/DD/06 input "20" → 03/20/YY input "06"

Time (hh:mm)

hh:00 input "10" → 10: mm input "30" → AM

Select AM/PM with and and press .

You can also confirm the figure and move to the next setting by using right cursor key.

• The machine automatically turns off if no key is pressed within 5 minutes.

To cancel operations, press .

To initialize the P-touch labeler back to factory settings, turn off the machine and then while holding down and , press to turn the machine back on. Finally, release and .

3 REFERENCE

Troubleshooting

Error message

Message	Cause/Remedy
Battery	The batteries are weak. Replace them with new ones.
Invalid	Invalid number is selected for Label Length setting.
No Text	<ul style="list-style-type: none">• The Print key or Preview key is pressed when no text is entered.• You tried to set Copies (copy printing) when no text is entered.
Line Lmt	Line Limit. You can have up to 2 printable lines. You tried to enter a 3rd line by pressing Enter key.
Full	The maximum number of characters (80 characters) has already been entered.
Text Lmt	Text Limit. The text length exceeds the selected label length or the selected Auto Format setting length.

What to do when...

Problem	Solution
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.
Language setting of the machine is incorrect.	<ul style="list-style-type: none">• Turn off the machine and then while holding down and , press to turn the machine back on. Finally, release and .• Note: The text and formats in the display are erased. Also, the language, unit and clock settings will be cleared.
The machine does not print, or the printed characters are not formed properly.	<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 back cover is properly closed.
The setting has cleared on its own.	<ul style="list-style-type: none">• The batteries may be weak. Replace them.• When power is disconnected for more than two minutes, all text & formats in the display will be lost. Language, unit and clock settings will also be cleared.
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.
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. Finally, release and .• Note: The text and formats in the display are erased. Also, the language, unit and clock settings will be cleared.
The power turns off when you try to print.	<ul style="list-style-type: none">• The batteries may be weak. Replace them.
The tape does not feed properly or the tape gets stuck inside the machine.	<ul style="list-style-type: none">• Check that the end of the tape feeds under the tape guides.• The cutter lever is used while printing. Do not touch the cutter lever during printing.
All text and format settings need to be cleared to create a new label.	<ul style="list-style-type: none">• Press Backspace key while holding down Shift key, or go into Function mode and select .

Specifications

Item	Specification
Dimensions	6.7" (W) × 4.4" (D) × 2.3" (H) (167 mm (W) × 110 mm (D) × 58 mm (H))
Weight	0.5 lbs. (240 g) (without batteries and tape cassette)
Power supply	Four AAA-size alkaline batteries (LR03)
Tape cassette	Brother M tape (width) : 0.35" (9 mm), 0.47" (12 mm)

See the attached "Supplies and Accessories Guide" for detailed listing of available tape size and colors.

1 MAKING TEXT

Switching Upper Case/Lower Case

→

Upper case (ON)

Caps

Lower case (OFF)

→

Num Lock ON

Num

Num Lock OFF

→

Group	Symbols
1	. , : ; " ' •
2	@ _ - & ~ \ /
3	# % ? ! ¢ ¡ *
4	+ - × ÷ ± =
5	() [] < >
6	→ ← ↑ ↓

- To go to the next group, press .
- To cancel operations, press .

→ / →

Entering Numbers

→

Num Lock ON

Num

Num Lock OFF

→

Group	Symbols
1	. , : ; " ' •
2	@ _ - & ~ \ /
3	# % ? ! ¢ ¡ *
4	+ - × ÷ ± =
5	() [] < >
6	→ ← ↑ ↓

- To go to the next group, press .
- To cancel operations, press .

→ / →

Entering Accented Characters

Accented Characters	Accented Characters
A Á Â Ã Ä Å Æ Æ Å Æ Å	a á â ã ä å æ å æ å æ
C Ç Ć Ć	c ç ć ć
D Ċ Ċ	d ċ ċ ċ
E É Ê Ë Ì Í Î Ï	e é ê ë ì í î ï
G Ğ Ğ	g ğ ğ
I Ĳ Ĳ Ĳ Ĳ	i ĳ ĳ ĳ ĳ
K Ķ Ķ Ķ Ķ	k ķ ķ ķ ķ
L Ł Ł Ł Ł	l ł ł ł ł
N Ñ Ñ Ñ Ñ	n ñ ñ ñ ñ
O Ó Ô Õ Ö Ø Æ Ö	o ó ô õ ö ø œ ö
R Ř Ř Ř Ř	r ř ř ř ř
S Š Š Š Š Š	s š š š š š
T Ĺ Ĺ Ĺ Ĺ	t ĺ ĺ ĺ ĺ
U Ú Û Ü Ü Ü Ü Ü	u ú û ü ü ü ü
Y Ÿ Ÿ Ÿ Ÿ	y ŷ ŷ ŷ ŷ
Z Ž Ž Ž Ž	z ž ž ž ž

- To cancel operations, press .
- The order of accented characters differ by the selected LCD language.

2 DESIGNING LABELS

Setting [Size] (+)

→ [Size] → [Large]

[Large]

[Small]

→ [Width] → [x2]

[Normal]

[x2]

[x1/2]

→ [Style] → [Vertical]

[Normal]

[Bold]

[Outline]

[Shadow]

[Italic]

[+Bold] (Italic Bold)

[+Outl] (Italic Outline)

[+Shadow] (Italic Shadow)

[Vertical]

→ [Undl/Frm] → [Undl]

[Off]

[Undl] (Underline)

[Round]

[Candy]

[Callout]

[Banner]

[Wooden]

→ [Length] → [1.2"]

[Off]

[Undl] (Underline)

[Round]

[Candy]

[Callout]

[Banner]

[Wooden]

→ [Length] → [1.2"]

[Off]

[Undl] (Underline)

[Round]

[Candy]

[Callout]

[Banner]

[Wooden]

→ [Length] → [1.2"]

[Off]

[Undl] (Underline)

[Round]

[Candy]

[Callout]

[Banner]

[Wooden]

→ [Length] → [1.2"]

[Off]

[Undl] (Underline)

[Round]

[Candy]

[Callout]

[Banner]

[Wooden]

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[Off]

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[Round]

[Candy]

[Callout]

[Banner]

[Wooden]

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[Round]

[Candy]

[Callout]

[Banner]

[Wooden]

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[Round]

[Candy]

[Callout]

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[Round]

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[Callout]

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[Candy]

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