User's Guide

PT-E310BT
PT-E510
PT-E560BT

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Table of Contents

Before You Use Your Label Printer 1
Definitions of Notes 2
General Precautions 3
Trademarks and Licences 4
Open Source Licensing Remarks 5
Important Note 6
Set Up Your Label Printer 7
Parts Description 8
LCD Overview 10
Keyboard Overview 14
Attach the Support Strap 19
Install the Rechargeable Li-ion Battery 22
Remove the Rechargeable Li-ion Battery 24
Connect the Label Printer to an External Power Source 26
Charge the Rechargeable Li-ion Battery 28
Insert the Tape Cassette 30
Turn the Label Printer On/Off 32
Set Language 33
Set Measurement Units 34
Set Auto Power-Off Time 35
Enable or Disable Bluetooth 36
Feed Tape 37
Adjust LCD Contrast 38
Turn the Backlight On/Off 39
Install Software 40
Install the Printer Driver and Software on a Computer (Windows) 41
Available Applications 42
Connect the Label Printer to a Computer 43
Connect the Label Printer to a Computer Using a USB Type-C Cable 44
Edit Labels 45
Add Text to Your Label 46
Add a New Line of Text to Your Label 47
Add a New Block of Text to Your Label 48
Move the Cursor 49
Delete Text 50
Enter Symbols 51
Enter Symbols Using the Symbol Function 52
Set Symbol History 53
Symbol Options 54
Enter Accented Characters 57
Accented Character Options 58
Set Character Attributes 60
Apply Character Attributes 61
Apply Character Attributes to a Line of Text 62
Attribute Setting Options 63

Set Auto Fit Style ... 66
Set Frames ... 67
Frame Options ... 68
Create Labels Using Labelling Application Type ... 69
General Mode ... 70
Faceplate Mode ... 71
Cable Wrap Mode ... 72
Cable Flag Mode ... 73
Patch Panel Mode ... 74
Punch Block Mode ... 75
Create Labels Using Special Tapes for Wrapping Around Cables ... 76
Create a Cross-ID Label ... 79
Create Barcode Labels ... 81
Create and Print Barcodes ... 82
Edit or Delete a Barcode and Barcode Data ... 85
Create Serialised Labels ... 86
Serialisation Options ... 87
Create Labels with a Single Serialised Range ... 88
Create Labels with Two Serialised Ranges ... 90
Create Advanced Serialised Labels ... 92
Print Labels ... 95
Preview Labels ... 96
Print Labels ... 97
Print Options ... 98
Select a Cut Option (PT-E310BT) ... 99
Select a Cut Option (PT-E510/PT-E560BT) ... 101
Print Transferred Templates ... 103
Edit and Print Transferred Templates ... 104
Print Transferred Templates from a Database ... 105
Delete a Transferred Template ... 107
Print Transferred Database Data ... 108
Edit a Transferred Database ... 110
Delete a Transferred Database ... 112
Use the File Memory ... 113
Save a Label File ... 114
Print, Open, or Delete a Saved Label File ... 115
Create and Print Labels Using Your Computer ... 116
Create and Print Labels Using P-touch Editor (Windows) ... 117
Main Window of P-touch Editor (Windows) ... 118
Create and Print Labels Using P-touch Editor (Mac) ... 119
Main Window of P-touch Editor (Mac) ... 120
Print Labels Using the Printer Driver (Windows) ... 121
Transfer Templates to the Printer Using Your Computer (Windows) ... 122
Notes on Using Transfer Functions (Windows) ... 123
Transfer a Template or Other Data from the Computer to the Printer (Windows) ... 124
Transfer Multiple Items from the Computer to the Printer (Windows) ... 126
Back up Templates or Other Data Saved in the Printer to Your Computer (Windows) ... 127

Delete Printer Data from Your Computer (Windows) 128
Create Transfer Files or Transfer Package Files (Windows) 129
Print Labels Using Mobile Devices 131
Install Mobile Apps 132
Create Labels and Print Them Using a Mobile Device 133
Transfer Templates Created on a Computer to the Printer Using a Mobile Device 134
Update 135
Update P-touch Editor 136
Update the Firmware 137
Routine Maintenance 138
Maintenance 139
Troubleshooting 141
If You Are Having Difficulty with Your Label Printer 142
Error and Maintenance Messages 144
Adjust the Label Length 145
Check the Version Information 146
Reset the Label Printer 147
Reset Using the LCD 148
Appendix 149
Specifications 150
Brother Help and Customer Support 153

Before You Use Your Label Printer

- Definitions of Notes
- General Precautions
- Trademarks and Licences
- Open Source Licensing Remarks
- Important Note

Definitions of Notes

We use the following symbols and conventions throughout this User's Guide:

⚠ DANGER	DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injuries.
⚠ WARNING	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injuries.
⚠ CAUTION	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injuries.
IMPORTANT	IMPORTANT indicates a potentially hazardous situation which, if not avoided, may result in damage to property or loss of product functionality.
NOTE	NOTE specifies the operating environment, conditions for installation, or special conditions of use.
	The tips icon indicates helpful hints and supplementary information.
Bold	Bold style identifies buttons on the machine's control panel or computer screen.
Italics	Italicised style emphasises an important point or refers you to a related topic.
Courier New	Courier New font identifies messages shown on the machine's LCD.

Related Information

- Before You Use Your Label Printer

General Precautions

Rechargeable Li-ion Battery

- At the time of purchase, the Rechargeable Li-ion Battery is slightly charged. Before you use the Label Printer for the first time, you must fully charge the Rechargeable Li-ion Battery.
- If the Label Printer will not be used for a long period of time, remove the battery and disconnect the cables before storing.
- If you notice anything unusual about the Rechargeable Li-ion Battery the first time it is used, for example overheating or rust, immediately stop using the Rechargeable Li-ion Battery. Contact Brother customer service.

Label Printer

- Depending on the area, material, and environmental conditions, the label may unpeel or become permanently affixed, and the colour of the label may change or be transferred to other objects. Before affixing the label, check the environmental conditions and the material. Test the label by affixing a small piece of it to an inconspicuous area of the intended surface.
- DO NOT use the machine, components, or supplies in any way or for any purpose not described in this guide. Doing so may result in accidents or damage.
- Use only Brother TZe tape, HGe tape, or HSe tube with this Label Printer. DO NOT use tapes that *do not* have the TZe TAPE / HGe TAPE / HSe TUBE logo. For more information about Heat Shrink Tube, visit your local Brother website. You cannot print frames or use certain font settings when using Heat Shrink Tube. Printed characters may also be smaller than when using TZe tape.
- (PT-E310BT) DO NOT apply excessive pressure to the Tape Cutter Lever.
- Use a soft wipe to clean the Print Head; never touch the Print Head.
- 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 Label Printer.
- Any data stored in the printer's memory will be lost due to failure, repair of the printer, or if the batteries discharge completely.
- Printed characters may look different from those displayed in the print preview, as your device's or computer’s screen may have a higher resolution than the Label Printer.
- The displayed label length may differ from the actual length of the printed label.
- Be sure to read the instructions provided with Fabric Iron-On Tapes, Extra Strength Adhesive Tapes, or other special tapes and observe all precautions noted in the instructions.
- A protective clear plastic film is placed on the LCD during manufacturing and shipping. Remove this film prior to use.
- DO NOT leave any rubber or vinyl products on the Label Printer for an extended period of time. Otherwise, they may leave marks or residue on the Label Printer.
- DO NOT transport the Label Printer while the USB Type-C cable or the AC Adapter for USB Type-C is connected to the USB port. The port could become damaged.

Related Information

- Before You Use Your Label Printer

Trademarks and Licences

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Related Information

- Before You Use Your Label Printer

Open Source Licensing Remarks

This product includes open source software.

To see the Open Source Licensing Remarks, go to your model's **Manuals** page on the Brother support website at support.brother.com/manuals.

Related Information

- Before You Use Your Label Printer

Important Note

- The contents of this document and the specifications of this Label Printer are subject to change without notice.
- Brother reserves the right to make changes without notice in the specifications and materials contained herein and shall not be responsible for any damages (including consequential) caused by the reliance on the materials presented, including, but not limited to, typographical and other errors relating to the publications.
- This Label Printer does not support Wi-Fi connection.
- Screen images in this document may differ depending on your computer's operating system, your product model, and software version.
- Before using the Label Printer, make sure you read all the documents included with it for information about safety and operation.
- The Label Printer shown in the illustrations may be different from your Label Printer.
- The available supplies may vary depending on your country or region.
- We recommend using the latest version of P-touch Editor. For the latest version, go to your model's **Downloads** page at support.brother.com/downloads.
- To keep your Label Printer's performance up to date, visit support.brother.com/downloads to check for the latest firmware updates. Otherwise, some of your Label Printer's functions may not be available.
- Before giving your Label Printer to anyone else, replacing it, or disposing of it, we strongly recommend resetting it to its factory settings to remove all personal information.

Related Information

- Before You Use Your Label Printer

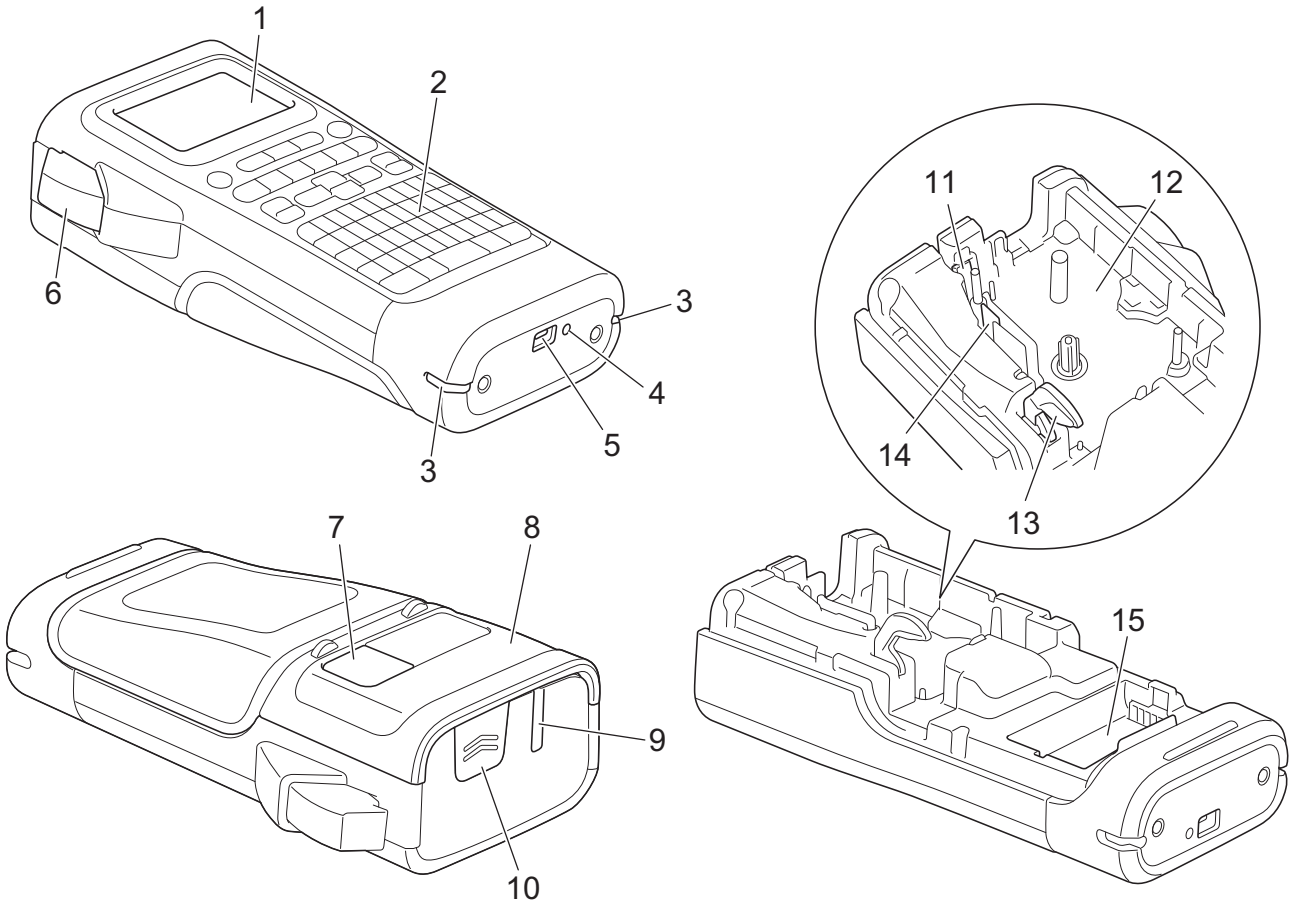
Set Up Your Label Printer

- Parts Description
- LCD Overview
- Keyboard Overview
- Attach the Support Strap
- Install the Rechargeable Li-ion Battery
- Connect the Label Printer to an External Power Source
- Charge the Rechargeable Li-ion Battery
- Insert the Tape Cassette
- Turn the Label Printer On/Off
- Set Language
- Set Measurement Units
- Set Auto Power-Off Time
- Enable or Disable Bluetooth
- Feed Tape
- Adjust LCD Contrast
- Turn the Backlight On/Off

Parts Description

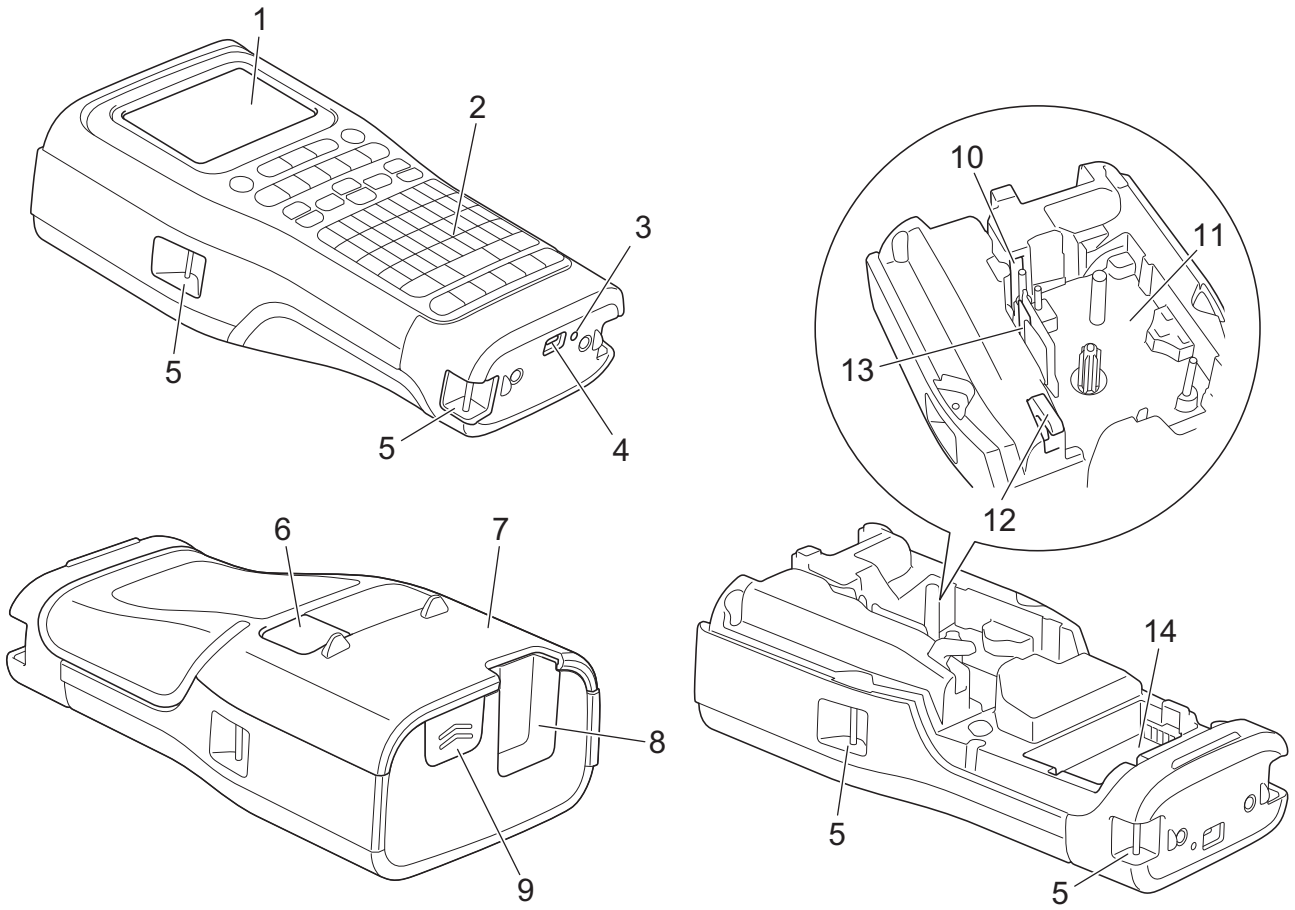
>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT



1. Liquid Crystal Display (LCD)
2. Keyboard
3. Strap Hole
4. LED
5. USB Type-C Port
6. Tape Cutter Lever
7. Tape Viewer
8. Rear Cover
9. Tape Exit Slot
10. Cover Latch
11. Tape Cutter
12. Tape Cassette Compartment
13. Release Lever
14. Print Head
15. Battery Compartment

PT-E510/PT-E560BT



1. Liquid Crystal Display (LCD)
2. Keyboard
3. LED
4. USB Type-C Port
5. Strap Hole
6. Tape Viewer
7. Rear Cover
8. Tape Exit Slot
9. Cover Latch
10. Tape Cutter
11. Tape Cassette Compartment
12. Release Lever
13. Print Head
14. Battery Compartment

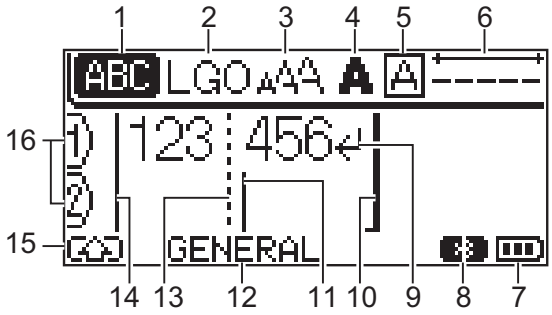
Related Information

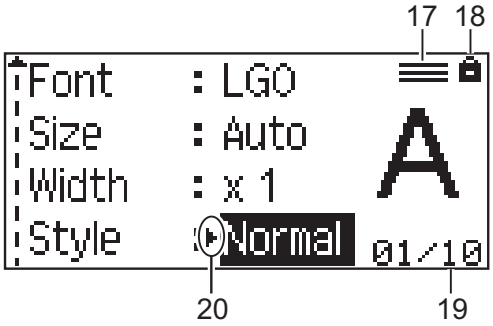
- Set Up Your Label Printer

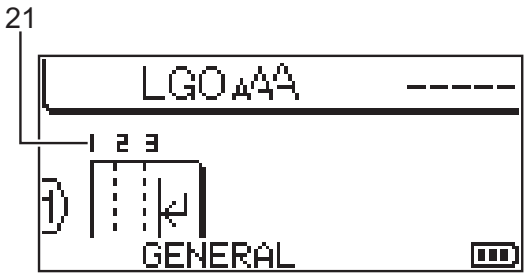
LCD Overview

>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT







1. **Caps mode**
   Indicates if Caps lock mode is enabled.
2. **Current font**
   Indicates the current font.
3. **Character size**
   Indicates the current character size.
4. **Character style**
   Indicates the current character style.
5. **Frame**
   Indicates if a frame is set.
6. **Tape length**
   Indicates the tape length for the text entered.
7. **Battery level**
   Indicates the remaining battery level. Displays only when using a Rechargeable Li-ion Battery.

Icon	Description
	Battery charge is full.
	Battery charge is half-full.
	Battery charge is low.

8. **Bluetooth**

   Indicates Bluetooth connection. It blinks while the Label Printer is waiting for the Bluetooth connection. It stays lit once the Bluetooth connection is completed.

9. **Return mark**

   Indicates the end of a line of text.

10. **End line**

    Indicates the end line.

    The area between the start and end line will be printed.

11. **Cursor**

    Indicates the current data entry position.

    New characters appear to the left of the cursor.

12. **Labelling application type**

    Indicates current labelling application type.

13. **Block separator line**

    Indicates the end of a block of text.

14. **Start line**

    Indicates the start line.

    The area between the start and end line will be printed.

15. **Shift mode**

    Indicates shift mode is on.

16. **Line number**

    Indicates line numbers within the label layout.

17. **Specified line mark**

    Indicates that separate settings are made for each line.

18. **Lock mark**

    Indicates that some settings cannot be changed.

19. **Counter**

    Indicates currently selected number/selectable number.

20. **Cursor selection**

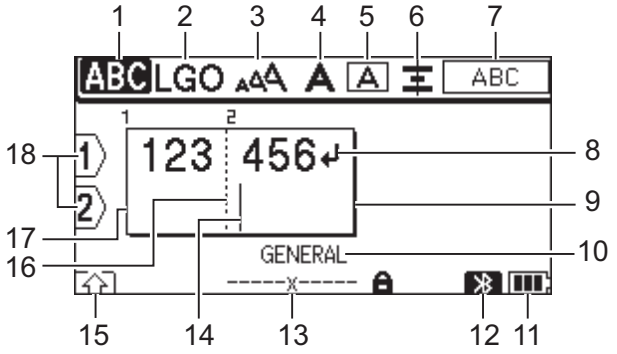
    Indicates the current cursor position.

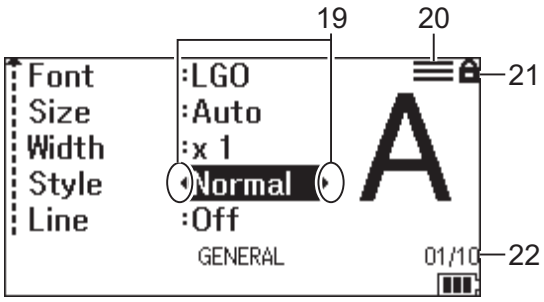
    Press ▲ or ▼ to select menu items, and then press ◀ or ▶ to change the settings.

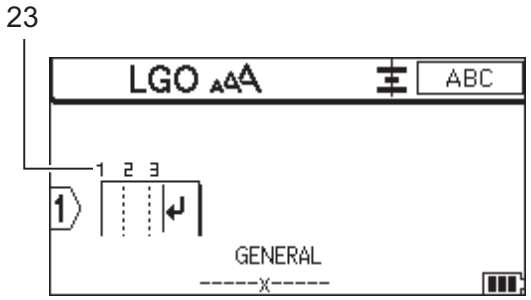
21. **Block number**

    Indicates the block number.

PT-E510/PT-E560BT







1. **Caps mode**

   Indicates if Caps lock mode is enabled.
2. **Current font**

   Indicates the current font.
3. **Character size**

   Indicates the current character size.
4. **Character style**

   Indicates the current character style.
5. **Frame**

   Indicates if a frame is set.
6. **Align**

   Indicates the text alignment.

   The alignment guidance may not be displayed depending on the selected labelling application type.
7. **Layout guidance**

   Indicates the orientation, layout, separator, reverse, and repeated text settings. The displayed items vary according to the selected labelling application type.
8. **Return mark**

   Indicates the end of a line of text.
9. **End line**

   Indicates the end line.

The area between the start and end line will be printed.

10. **Labelling application type**

    Indicates current labelling application type.

11. **Battery level**

    Indicates the remaining battery level. Displays only when using a Rechargeable Li-ion Battery.

Icon	Description
	Battery charge is full.
	Battery charge is half-full.
	Battery charge is low.

12. **Bluetooth (PT-E560BT)**

    Indicates Bluetooth connection. It blinks while the Label Printer is waiting for the Bluetooth connection. It stays lit once the Bluetooth connection is completed.

13. **Tape width x Label length**

    Indicates the tape width and label length.

    The displayed label length may slightly differ from the actual length of the printed label due to printing tolerance.

    If the label length has been specified, appears.

14. **Cursor**

    Indicates the current data entry position.

    New characters appear to the left of the cursor.

15. **Shift mode**

    Indicates shift mode is on.

16. **Block separator line**

    Indicates the end of a block of text.

17. **Start line**

    Indicates the start line.

    The area between the start and end line will be printed.

18. **Line number**

    Indicates line numbers within the label layout.

19. **Cursor selection**

    Indicates the current cursor position.

    Press ▲ or ▼ to select menu items, and then press ◀ or ▶ to change the settings.

20. **Specified line mark**

    Indicates that separate settings are made for each line.

21. **Lock mark**

    Indicates that some settings cannot be changed.

22. **Counter**

    Indicates currently selected number/selectable number.

23. **Block number**

    Indicates the block number.

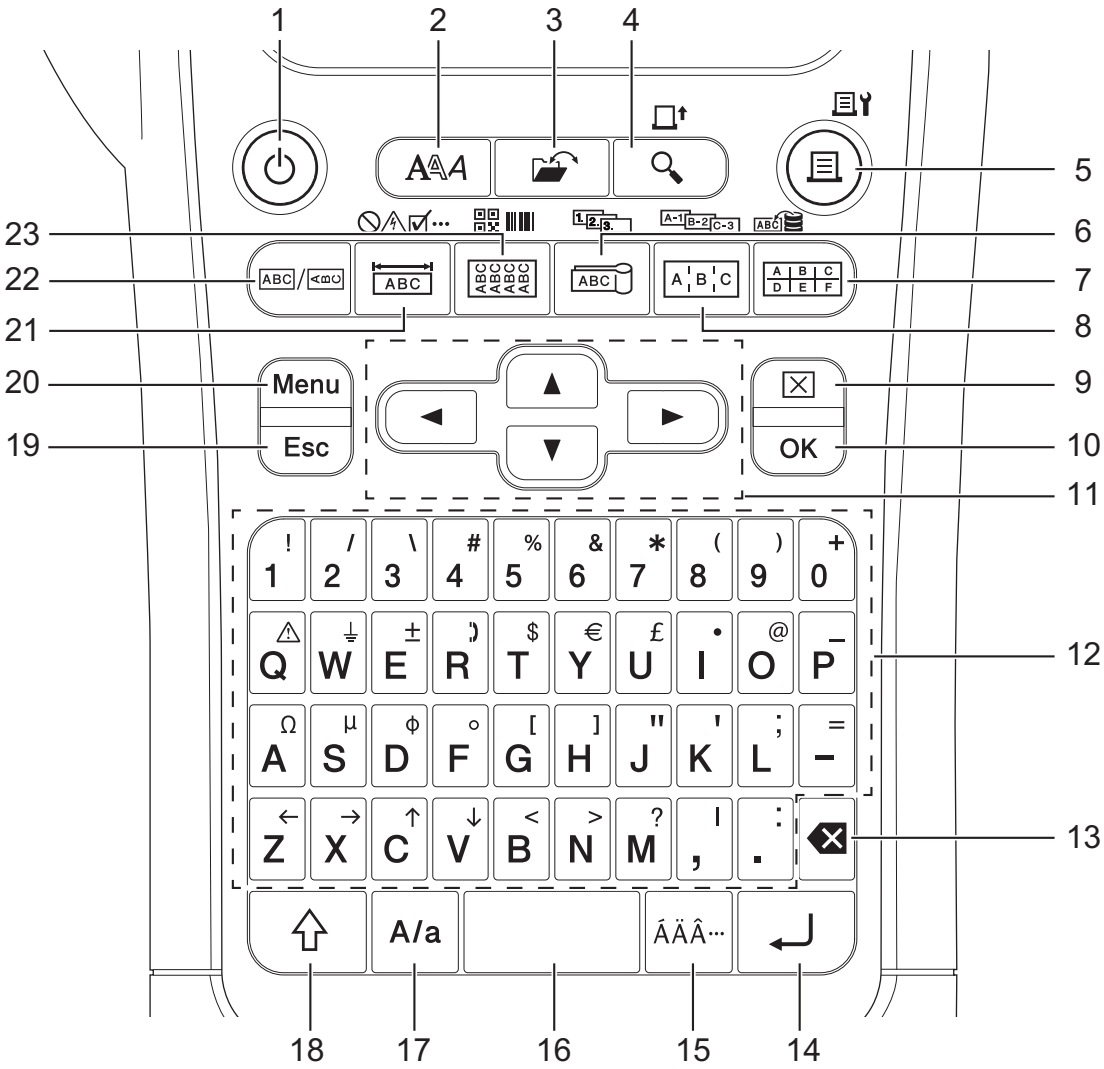
Related Information

- Set Up Your Label Printer

Keyboard Overview

>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT



1. **Power**

   Press to turn the Label Printer on or off.
2. **Style**

   Press to set character and label attributes.
3. **File**

   Press to retrieve data saved in the printer's memory.
4. **Preview/Feed**

   Press to view an image of the label before printing.

   To feed the tape, press the **Shift** key once, and then press the **Preview/Feed** key.
5. **Print/Print Options**

   Press to print.

   To set Print Options, press the **Shift** key once, and then press the **Print/Print Options** key.

6. **Cable Flag/Serialise**

   Press to create cable flag labels.

   To create serialised labels, press the **Shift** key once, and then press the **Cable Flag**/**Serialise** key.

7. **Punch Block/Database**

   Press to create labels for punch-down blocks with up to two lines drawn.

   To create labels using the selected range of records in the downloaded database, press the **Shift** key once, and then press the **Punch Block**/**Database** key.

8. **Patch Panel/Adv.Serialise**

   Press to create single or multiple line labels for a group of ports on a patch panel.

   To create advanced serialised labels, press the **Shift** key once, and then press the **Patch Panel**/**Adv.Serialise** key.

9. **Clear**

   Press to clear all text and format settings.

10. **OK**

    Press to select the displayed option.

11. **Cursor**

    Press to move the cursor in the direction of the arrow.

12. **Letter**

    Press to enter letters or numbers.

    You can enter upper-case letters and symbols using these keys in combination with the **Caps** key.

13. **Backspace**

    Press to delete any character to the left of the cursor.

14. **Enter**

    Press to enter a new line when entering text.

    If you select the General mode for label application type and want to enter a new block of text, press the **Shift** key, and then press the **Enter** key.

15. **Accent**

    Press to select an accented character.

16. **Space**

    Press to insert a blank space.

    Press to return to the default value.

17. **Caps**

    Press to turn Caps mode on and off.

18. **Shift**

    Press to enter the symbol marked on the key.

19. **Escape**

    Press to cancel the current operation.

20. **Menu**

    Press to select a function menu.

21. **Faceplate/Symbol**

    Press to create labels for faceplates, nameplates, and single port applications.

    To select a symbol from the symbols menus, press the **Shift** key once, and then press the **Faceplate**/**Symbol** key.

22. **General**

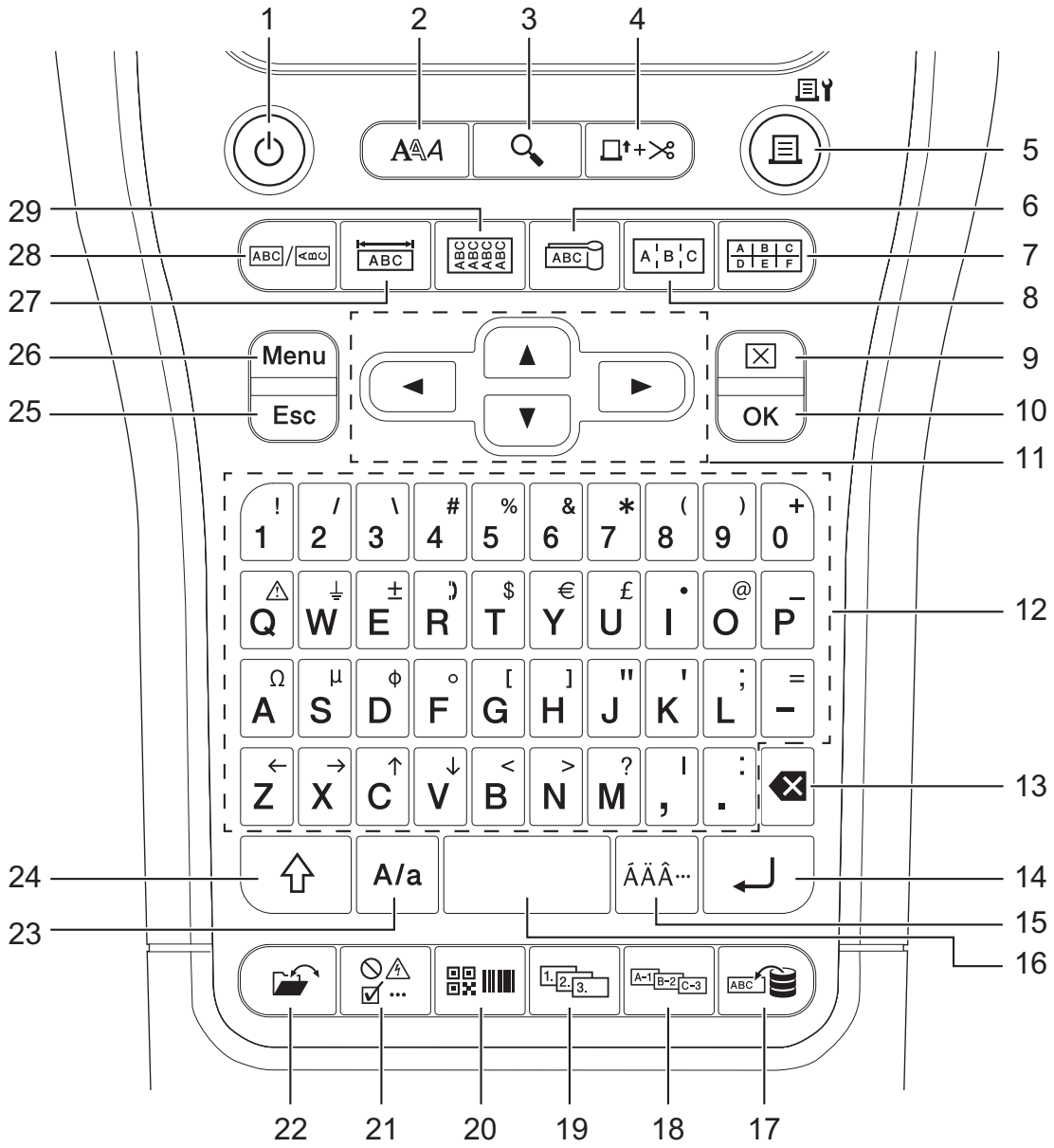
    Press to create general purpose labels.

23. **Cable Wrap/Barcode**

    Press to create labels that wrap around a cable or wire.

    To open the Barcode Setup screen, press the **Shift** key once, and then press the **Cable Wrap**/**Barcode** key.

PT-E510/PT-E560BT



1. **Power**

   Press to turn the Label Printer on or off.

2. **Style**

   Press to set character and label attributes.

3. **Preview**

   Press to view an image of the label before printing.

4. **Feed & Cut**

   Press to feed 22.7 mm of blank tape then cut the tape.

5. **Print/Print Options**

   Press to print.

   To set Print Options, press the **Shift** key once, and then press the **Print**/**Print Options** key.

6. **Cable Flag**

   Press to create cable flag labels.

7. **Punch Block**

   Press to create labels for punch-down blocks with up to three lines drawn.

8. **Patch Panel**

   Press to create single or multiple line labels for a group of ports on a patch panel.

9. **Clear**

   Press to clear all text and format settings.

10. **OK**

    Press to select the displayed option.

11. **Cursor**

    Press to move the cursor in the direction of the arrow.

12. **Letter**

    Press to enter letters or numbers.

    You can enter upper-case letters and symbols using these keys in combination with the **Caps** key.

13. **Backspace**

    Press to delete any character to the left of the cursor.

14. **Enter**

    Press to enter a new line when entering text.

    If you select the General mode for label application type and want to enter a new block of text, press the **Shift** key, and then press the **Enter** key.

15. **Accent**

    Press to select an accented character.

16. **Space**

    Press to insert a blank space.

    Press to return to the default value.

17. **Database**

    Press to create labels using the selected range of records in the downloaded database.

18. **Adv.Serialise**

    Press to create advanced serialised labels.

19. **Serialise**

    Press to create serialised labels.

20. **Barcode**

    Press to open the Barcode Setup screen.

21. **Symbol**

    Press to select and insert a symbol from the symbols menus.

22. **File**

    Press to retrieve data saved in the printer's memory.

23. **Caps**

    Press to turn Caps mode on and off.

24. **Shift**

    Press to enter the symbol marked on the key.

25. **Escape**

    Press to cancel the current operation.

26. **Menu**

    Press to select a function menu.

27. **Faceplate**

    Press to create labels for faceplates, nameplates, and single port applications.

28. **General**

    Press to create general purpose labels.

29. Cable Wrap

Press to create labels that wrap around a cable or wire.

Related Information

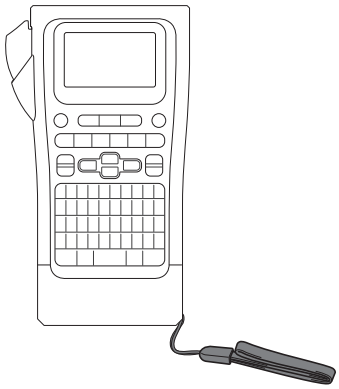
- Set Up Your Label Printer

Attach the Support Strap

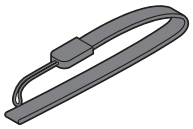
>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT

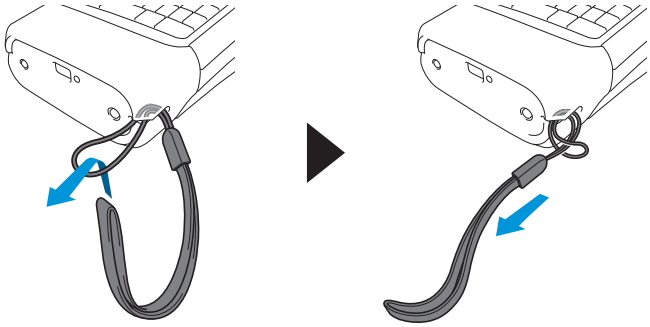
These instructions describe how to attach the support strap to the base on either the left or right side of the Label Printer.



1. Make sure you have the support strap that was included with your Label Printer.

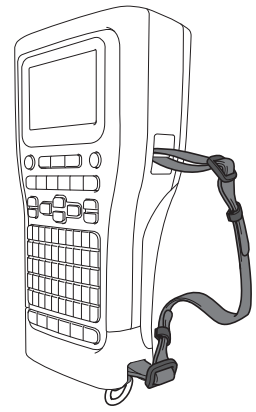


2. Attach the support strap to the left or right strap hole at the base of your printer, as shown.

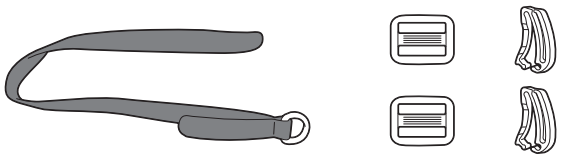


PT-E510/PT-E560BT

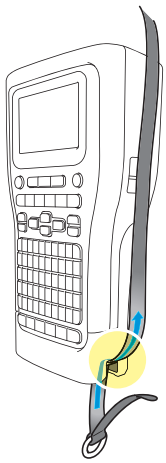
These instructions describe how to attach the support strap to the right side of the Label Printer so you can hold it with your right hand. You can also attach the support strap to the left side of Label Printer and hold with your left hand.



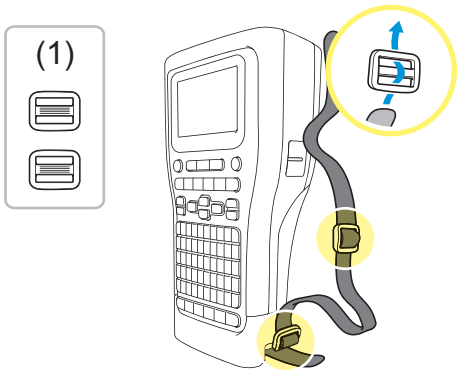
1. Make sure you have the support strap, buckles and clips that were included with your Label Printer.



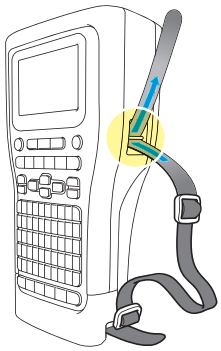
2. Thread the support strap through the hole at the base of the Label Printer, as shown.



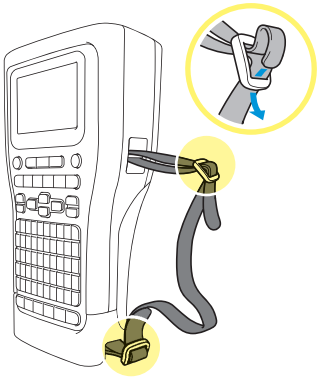
3. Attach the buckles (1) to the support strap in two locations, as shown.



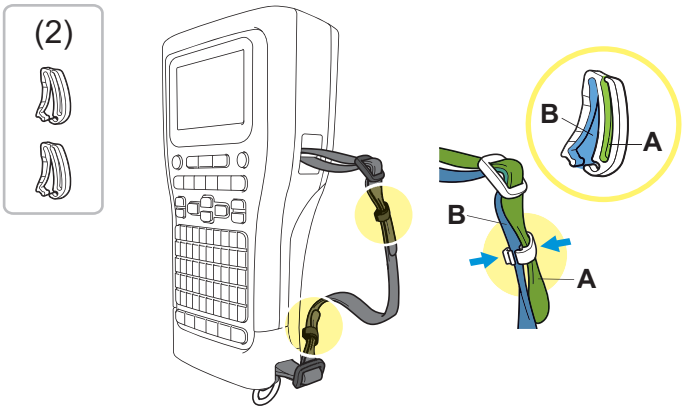
4. Thread the support strap through the hole at the side of the Label Printer, as shown.



5. Thread the support strap ends into each buckle (1) that you attached in step 3.



6. Attach the strap clips (2) near the support strap ends as shown, and then press the sides of the clips firmly to close.



Related Information

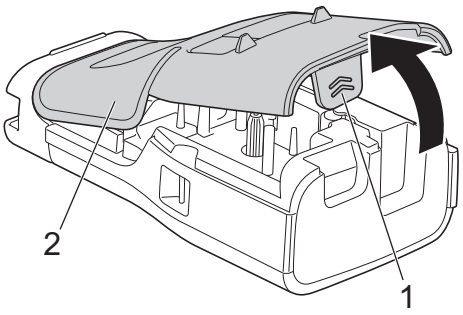
- Set Up Your Label Printer

Install the Rechargeable Li-ion Battery

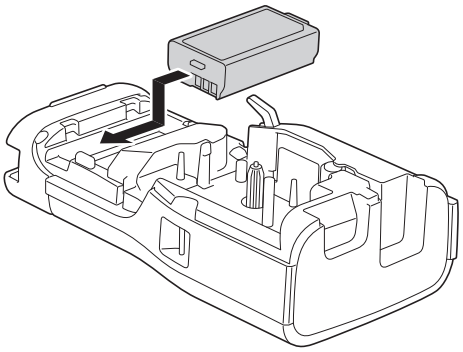
IMPORTANT

To safeguard your files and back up the Label Printer's memory when the Label Printer is disconnected from an external power source, we recommend keeping the Rechargeable Li-ion Battery installed in the Label Printer.

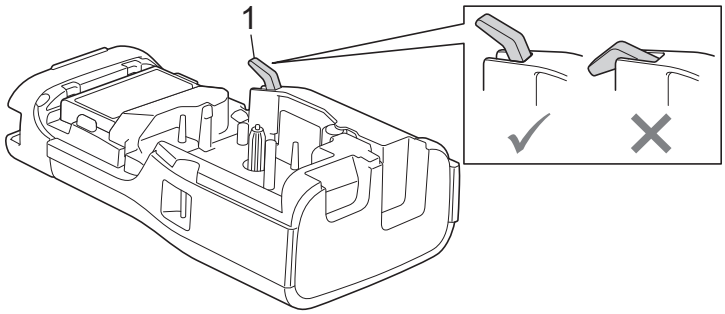
1. Make sure the Label Printer is turned off.
2. Rest the printer face down on a flat surface. Press the Cover Latch (1) and remove the Rear Cover (2).



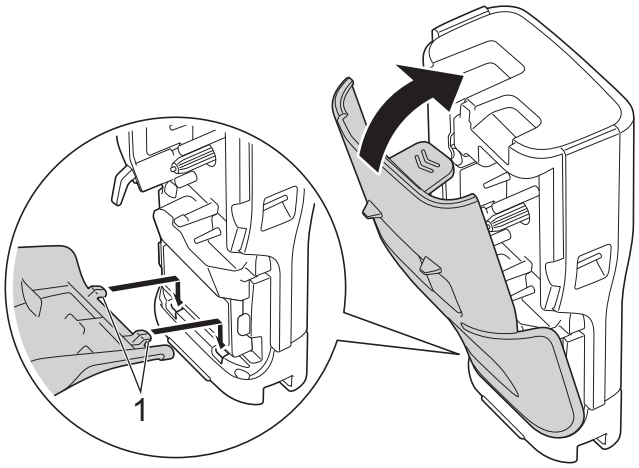
3. Install the Rechargeable Li-ion Battery, as shown by the arrow.



4. Make sure the Release Lever (1) is in the raised position, as shown.



5. Make sure the Rear Cover Hooks (1) are correctly inserted, and then close the Rear Cover.

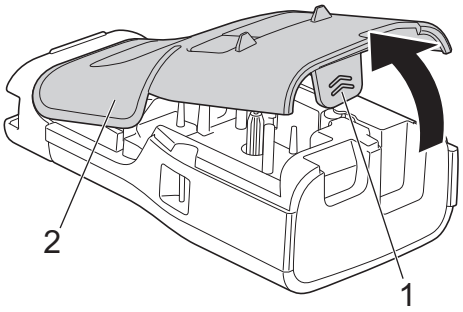


Related Information

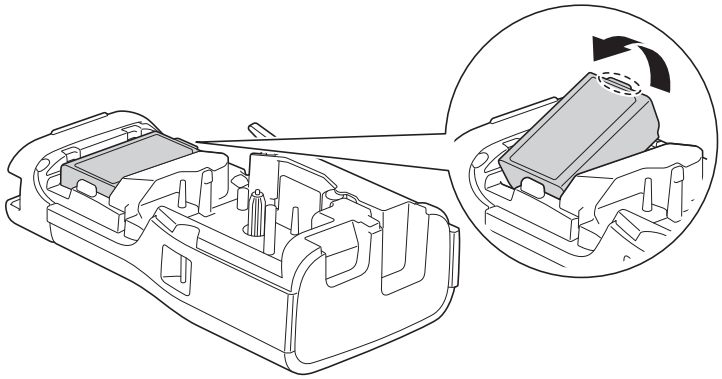
- Set Up Your Label Printer
  - Remove the Rechargeable Li-ion Battery

Remove the Rechargeable Li-ion Battery

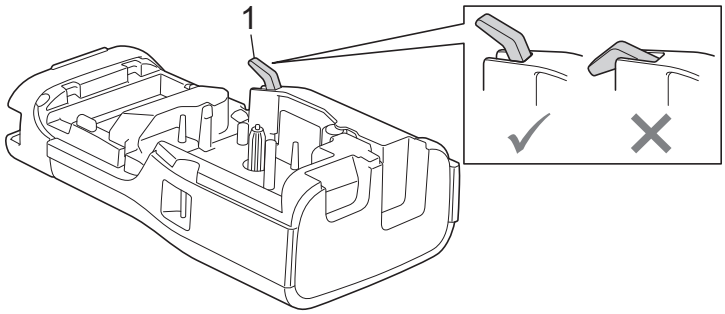
1. Make sure the Label Printer is turned off. If the Label Printer is turned on, press and hold ⏻ to turn it off.
2. Rest the printer face down on a flat surface. Press the Cover Latch (1) and remove the Rear Cover (2).



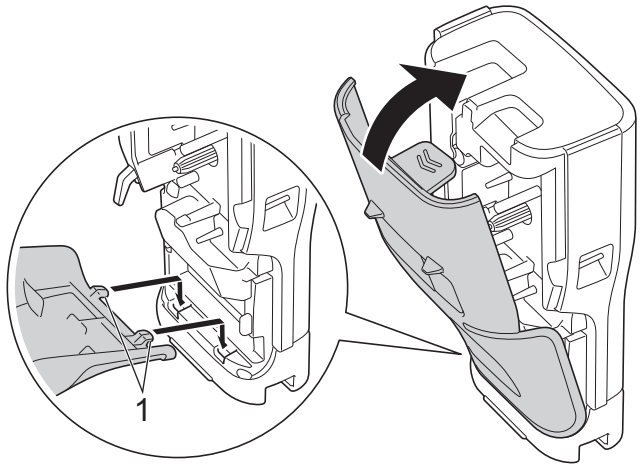
3. Remove the Rechargeable Li-ion Battery, as shown by the arrow.



4. Make sure the Release Lever (1) is in the raised position, as shown.



5. Make sure the Rear Cover Hooks (1) are correctly inserted, and then close the Rear Cover.



Related Information

- Install the Rechargeable Li-ion Battery

Connect the Label Printer to an External Power Source

IMPORTANT

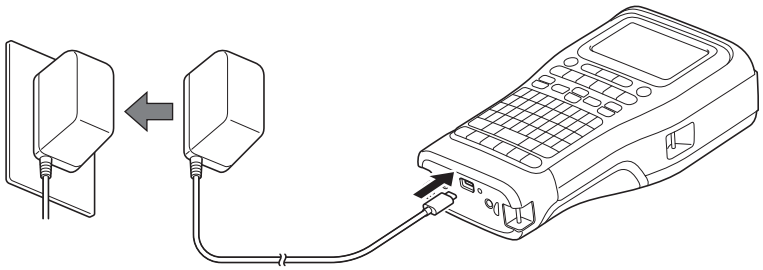
To safeguard and back up the Label Printer's memory, DO NOT disconnect the Label Printer from the external power source if you are using it without a battery.

>> Connect to an Electrical Socket Using the AC Adapter for USB Type-C (Optional)
>> Connect to a Computer Using a USB Type-C Cable
>> Connect to a USB Charger Using a USB Type-C Cable

Connect to an Electrical Socket Using the AC Adapter for USB Type-C (Optional)

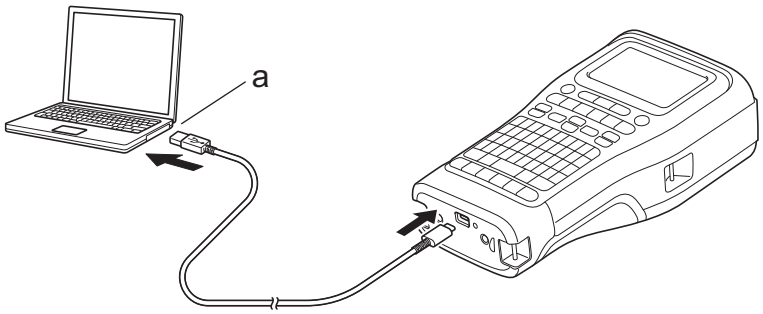
- The AC Adapter for USB Type-C is an optional accessory.
- We recommend using the Brother AC Adapter for USB Type-C to ensure high performance. This AC Adapter is configured to the exact voltage and current requirements of this Brother machine.

1. Connect the AC Adapter for USB Type-C to the Label Printer.
2. Connect the AC Adapter plug to a nearby electrical socket (AC 100 - 240 V, 50/60 Hz).



Connect to a Computer Using a USB Type-C Cable

1. Make sure the computer is on.
2. Connect the Label Printer to the computer using the USB Type-C cable (included).



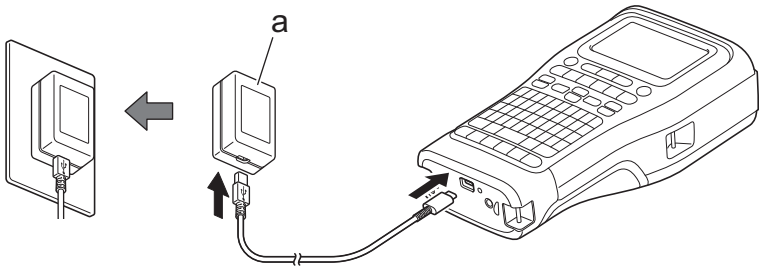
a. Computer USB Port
   5 V DC, 0.5 A or higher

To print labels, a Rechargeable Li-ion Battery must be installed and the printer must be connected to an external power source.

Connect to a USB Charger Using a USB Type-C Cable

1. Connect the USB cable to the Label Printer.

2. Connect the USB cable to a USB charger (not included) and plug the charger into a power source.



a. USB Charger (not included)
   5 V DC, 0.5 A or higher

To print labels, a Rechargeable Li-ion Battery must be installed and the printer must be connected to an external power source.

Related Information

- Set Up Your Label Printer

Charge the Rechargeable Li-ion Battery

>> Tips on Using the Rechargeable Li-ion Battery
>> Charge the Rechargeable Li-ion Battery
>> Stop Charging the Rechargeable Li-ion Battery

Tips on Using the Rechargeable Li-ion Battery

Fully charge the Rechargeable Li-ion Battery before use.

- Charge the Rechargeable Li-ion Battery in an environment with a temperature between 10°C and 35°C, otherwise the battery will not charge.
- To prevent deterioration of the Rechargeable Li-ion Battery, charging will not occur when the remaining charge in the battery is sufficient, even if an external power source is connected.

To ensure the highest performance and longest life from the Rechargeable Li-ion Battery:

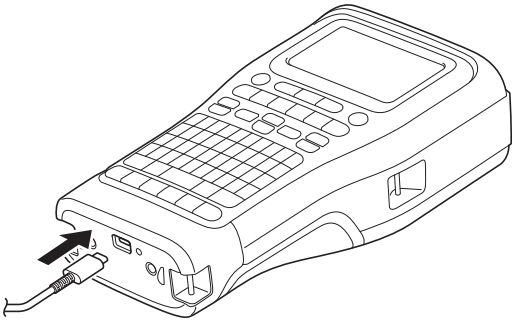
- Do not use or store the Rechargeable Li-ion Battery in a location exposed to extremely high or low temperatures, as it may deteriorate more quickly.
- Remove the Rechargeable Li-ion Battery from the Label Printer when storing it for long periods of time.
- Store the Rechargeable Li-ion Batteries in a cool dry place and out of direct sunlight.
- Recharge the Rechargeable Li-ion Battery every six months if it is stored for long periods of time.

Charge the Rechargeable Li-ion Battery

Charge the Rechargeable Li-ion Battery as soon as you set up your Label Printer.

1. Turn the Label Printer off.
2. Make sure the Rechargeable Li-ion Battery is installed correctly.
3. Do one of the following:
   - Use the AC Adapter for USB Type-C to connect the Label Printer to an electrical socket.
   - Use a USB Type-C cable to connect the Label Printer to your computer or a compatible USB charger.

- The AC Adapter for USB Type-C is not included.
- Charging with a USB Type-C cable will take longer than the AC Adapter for USB Type-C.
- The USB charger must be 5 V 0.5 A or higher.



When the battery is fully charged, the LED turns off.

4. Disconnect the printer from the power source.

- When using the dedicated adapter, charge the Rechargeable Li-ion Battery for three hours to fully charge the battery.
- DO NOT remove the Rechargeable Li-ion Battery while you are using the Label Printer with a USB connection (USB Type-C cable or the AC Adapter for USB Type-C). Doing this may cause the Label Printer to shut down unexpectedly.

Stop Charging the Rechargeable Li-ion Battery

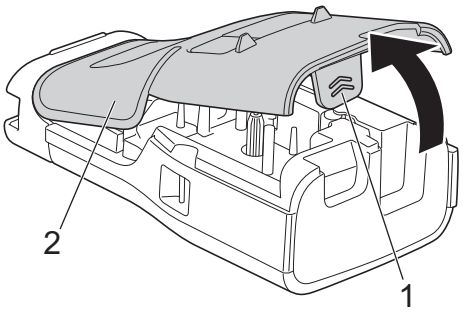
To stop charging the Rechargeable Li-ion Battery, disconnect the Label Printer from the power source.

Related Information

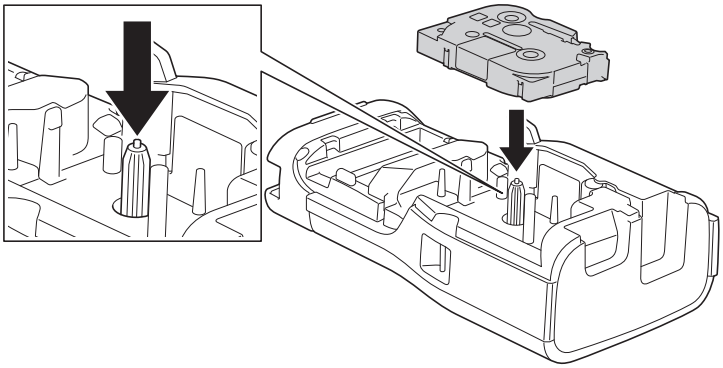
- Set Up Your Label Printer

Insert the Tape Cassette

1. Rest the printer face down on a flat surface. Press the Cover Latch (1) and remove the Rear Cover (2).



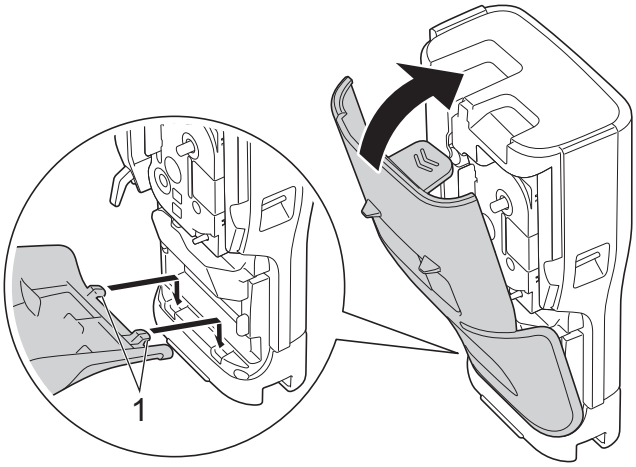
2. Insert the Tape Cassette, as shown.



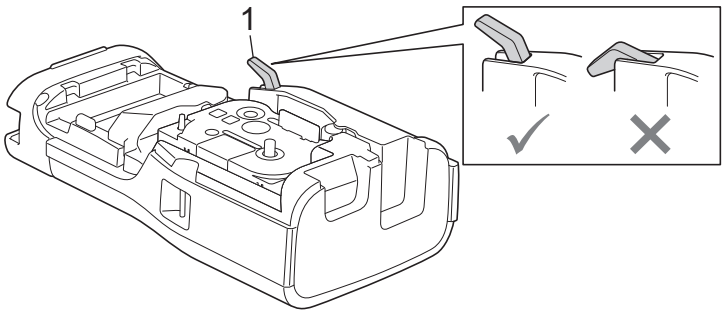
IMPORTANT

When inserting the Tape Cassette, make sure the tape does not catch on the Print Head. To avoid damaging the tape or ink ribbon, insert the Tape Cassette horizontally.

3. Make sure the Rear Cover Hooks (1) are correctly inserted, and then close the Rear Cover.



If you cannot close the Rear Cover, make sure the Release Lever (1) is in the raised position, as shown. If not, lift the Release Lever, and then try again.



Related Information

- Set Up Your Label Printer

Turn the Label Printer On/Off

1. To turn the Label Printer on, press and hold ⏻.
2. To turn the Label Printer off, press and hold ⏻.

To save power and turn the Label Printer off automatically after a specific amount of time, use the Auto Power-Off function.

Related Information

- Set Up Your Label Printer

Related Topics:

- Set Auto Power-Off Time
- Specifications

Set Language

1. Press **Menu**.
2. Press ▲ or ▼ to display [Language], and then press **OK**.
3. Press ▲ or ▼ to select your language, and then press **OK**.

Related Information

- Set Up Your Label Printer

Set Measurement Units

1. Press **Menu**.
2. Press ▲ or ▼ to display [Unit], and then press **OK**.
3. Press ▲ or ▼ to display [inch] or [mm], and then press **OK**.

Related Information

- Set Up Your Label Printer

Set Auto Power-Off Time

Your Label Printer has a power saving function that automatically turns the printer off if no key is pressed within a certain time, under certain operating conditions. Regardless of whether you use the AC Adapter or the batteries, you can change the automatic powering-off time.

1. Press **Menu**.
2. Press ▲ or ▼ to display `[Auto Power Off]`, and then press **OK**.
3. Press ▲, ▼, ◀, or ▶ to select the options you want, and then press **OK**.

Option	Description
`USB Charger`	`Off`, `10min.`, `20min.`, `30min.`, `40min.`, `50min.`, `1hr.`, `2hr.`, `4hr.`, `8hr.`, `12hr.`
`Li-ion Battery`	`Off`, `10min.`, `20min.`, `30min.`, `40min.`, `50min.`, `1hr.`

4. Press **OK**.

Related Information

- Set Up Your Label Printer

Enable or Disable Bluetooth

Related Models: PT-E310BT/PT-E560BT

1. Press **Menu**.
2. Press ▲ or ▼ to display `[Bluetooth]`, and then press **OK**.
3. Press ▲ or ▼ to display `[Bluetooth (On/Off)]`, and then press **OK**.
4. Press ▲ or ▼ to select `[On]` or `[Off]`, and then press **OK**.

   When you select `[On]`, the Bluetooth icon appears on the LCD.

Set the Automatic Reconnection mode for Bluetooth to On when you connect the Label Printer to your mobile device.

Related Information

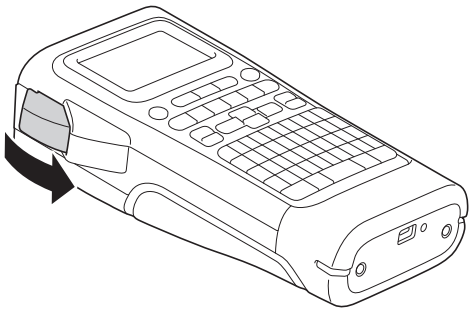
- Set Up Your Label Printer

Feed Tape

>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT

1. To feed the tape, press and then press .
2. To cut the tape, press down the Tape Cutter Lever as shown by the arrow.



PT-E510/PT-E560BT

1. To feed the tape, press .
2. Press ▲ or ▼ to select one of the following options:

Option	Description
`Feed & Cut`	Select to feed and cut the tape automatically.
`Feed Only`	Select to feed, but not cut, the tape. Recommended when using Fabric Iron-On Tapes, which should be cut using scissors.

3. Press **OK**.

Related Information

- Set Up Your Label Printer

Adjust LCD Contrast

The LCD Contrast default setting is [0].

1. Press **Menu**.
2. Press ▲ or ▼ to display [LCD Contrast], and then press **OK**.
3. Press ▲ or ▼ to select your preference, [-2 - +2], and then press **OK**.

Related Information

- Set Up Your Label Printer

Turn the Backlight On/Off

Save power by turning the backlight off.

1. Press **Menu**.
2. Press ▲ or ▼ to display [Backlight], and then press **OK**.
3. Press ▲, ▼, ◀, or ▶ to select the options you want, and then press **OK**.

Option	Description
USB Charger	1min., 5min., 10min., Off
Li-ion Battery	10sec., 30sec., 1min., Off

NOTE

- The backlight automatically turns off if the printer is idle for the duration you specified.
- The backlight turns off when printing.

Related Information

- Set Up Your Label Printer

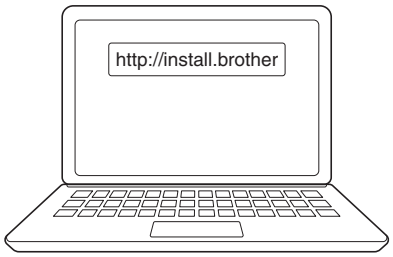
Install Software

- Install the Printer Driver and Software on a Computer (Windows)
- Connect the Label Printer to a Computer

Install the Printer Driver and Software on a Computer (Windows)

To print from your Windows computer, install the printer driver and the Brother P-touch Editor software on your computer.

1. Open your preferred web browser and type install.brother in the address bar.



2. Click the **Download** button to download the Software/Documentation Installer.
3. Navigate to your computer's **Downloads** folder, double-click the downloaded installer file, and follow the on-screen instructions.

NOTE

(PT-E310BT/PT-E560BT)

- Make sure you enable Bluetooth on your computer.
- Press the required button on the Label Printer for Bluetooth pairing when you confirm the passcode.

Related Information

- Install Software
  - Available Applications

Available Applications

Windows

Application	Features
P-touch Editor	Allows you to design and print custom labels using built-in drawing tools to create various font and text styles, import images, and insert barcodes. You can also transfer templates and other data to the Label Printer.
P-touch Transfer Manager [1]	Allows you to transfer templates and other data to the Label Printer and save backups of your data on the computer. This application must be installed using P-touch Editor 5.4, which may be an earlier version of P-touch Editor than you are currently using. To download the P-touch Editor 5.4, search for the applicable **FAQs & Troubleshooting** tip at support.brother.com.
P-touch Update Software [1]	Updates software and firmware to the latest version, and allows you to transfer templates to the Label Printer.

1 Available with the USB connection only.

Mac

Application	Features
P-touch Editor	Allows you to design and print custom labels using built-in drawing tools to create various font and text styles, import images, and insert barcodes.
Transfer Express [1]	Updates firmware to the latest version.

1 Available with the USB connection only.

Related Information

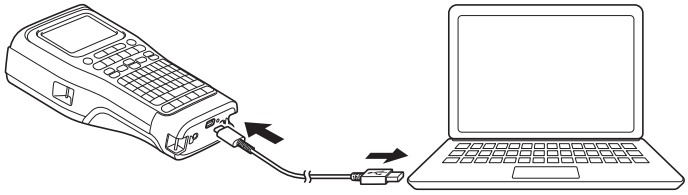
- Install the Printer Driver and Software on a Computer (Windows)

Connect the Label Printer to a Computer

- Connect the Label Printer to a Computer Using a USB Type-C Cable

Connect the Label Printer to a Computer Using a USB Type-C Cable

1. Make sure the Label Printer is turned off before connecting the USB Type-C cable.
2. Connect the USB Type-C cable to the USB port on the Label Printer, and then to your computer.



3. Turn the Label Printer on.

Related Information

- Connect the Label Printer to a Computer

Edit Labels

- Add Text to Your Label
- Add a New Line of Text to Your Label
- Add a New Block of Text to Your Label
- Move the Cursor
- Delete Text
- Enter Symbols
- Enter Accented Characters
- Set Character Attributes
- Set Frames
- Create Labels Using Labelling Application Type
- Create Barcode Labels
- Create Serialised Labels

Add Text to Your Label

Type the text or symbols you want (alphanumeric characters, including spaces and punctuation marks).

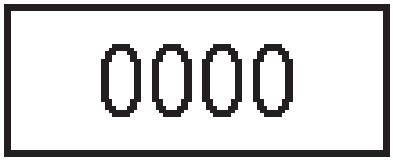
NOTE

To print a slashed zero, follow these steps:

1. Press **Menu**.
2. Press ▲ or ▼ to display `[Use Slashed Zero]`, and then press **OK**.
3. Press ▲ or ▼ to select `[On]` or `[Off]`, and then press **OK**.

Printed Label Result: `[On]`

Printed Label Result: `[Off]`



Related Information

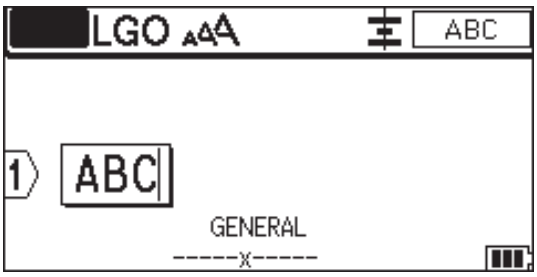
- Edit Labels

Add a New Line of Text to Your Label

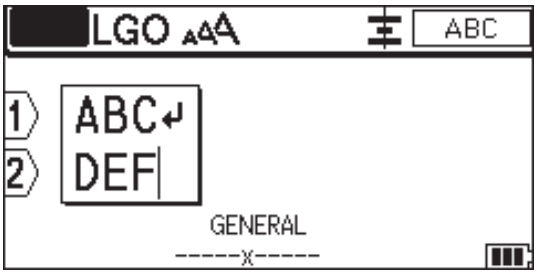
You can add several lines to your labels, depending on the tape you are using. For more information, see *Related Topics*.

1. When finished typing the first line of text, make sure the cursor is at the end of the current line.
2. Press to create the second line.

Line 1



Line 2



Printed Label Result

Max Lines	Tape Width
7 lines (PT-E510/PT-E560BT)	24 mm
5 lines	18 mm
3 lines	12 mm
2 lines	9 mm 6 mm
1 line	3.5 mm

Related Information

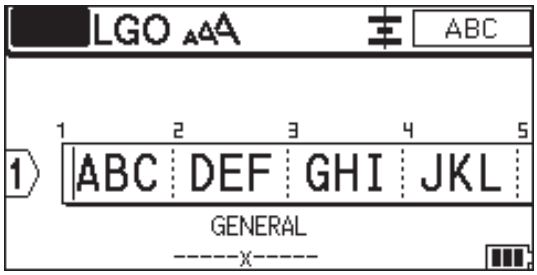
- Edit Labels

Related Topics:

- Specifications

Add a New Block of Text to Your Label

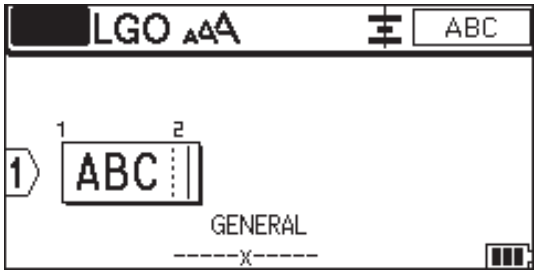
To print labels with multiple, but separate, sections of text, you can insert up to 99 different text blocks within the same label.



This feature is available only for the "GENERAL" label application type.

To add a new block of text or blank lines to the right of your current text, press ⇧, and then press ↵.

The cursor moves to the start of the new block.



To change the character attributes for a block of text, follow the steps for changing character attributes for a line of text. See *Related Information*.

Related Information

- Edit Labels

Related Topics:

- Apply Character Attributes to a Line of Text

Move the Cursor

To move the cursor around within your label, do any of the following:

- Press ▲, ▼, ◀, or ▶ to move the cursor one space or line.
- To position the cursor to the start or end of the current line or block, press and then press ◀ or ▶.
- To position the cursor to the start or end of the label, or beginning of the previous or next block, press and then press ▲ or ▼.
- To insert additional text into an existing line, position the cursor to the right of the character where you want to edit, and then add the text.

Related Information

- Edit Labels

Related Topics:

- Add a New Line of Text to Your Label
- Add a New Block of Text to Your Label

Delete Text

>> To delete one character at a time:
>> To delete all characters but not format settings:
>> To delete all characters and all format settings:

To delete one character at a time:

Press .

To delete all characters but not format settings:

1. Press .
2. Press ▲ or ▼ to display `[Text Only]`, and then press **OK**.

To delete all characters and all format settings:

1. Press .
2. Press ▲ or ▼ to display `[Text & Format]`, and then press **OK**.

Related Information

- Edit Labels

Enter Symbols

- Enter Symbols Using the Symbol Function
- Set Symbol History
- Symbol Options

Enter Symbols Using the Symbol Function

For a list of all symbols, see *Related Topics*:*Symbol Options*.

>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT

1. Press ⇧ and then press ABC.
2. Press ▲ or ▼ to select a category, and then press **OK**.
3. Press ▲, ▼, ◀, or ▶ to select a symbol, and then press **OK**.

PT-E510/PT-E560BT

1. Press .
2. Press ▲ or ▼ to select a category, and then press **OK**.
3. Press ▲, ▼, ◀, or ▶ to select a symbol, and then press **OK**.

Related Information

- Enter Symbols

Related Topics:

- Symbol Options

Set Symbol History

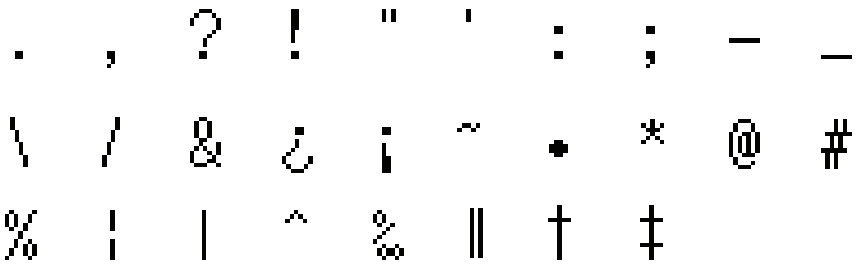
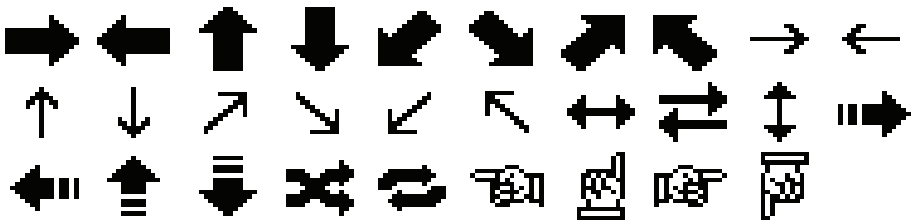
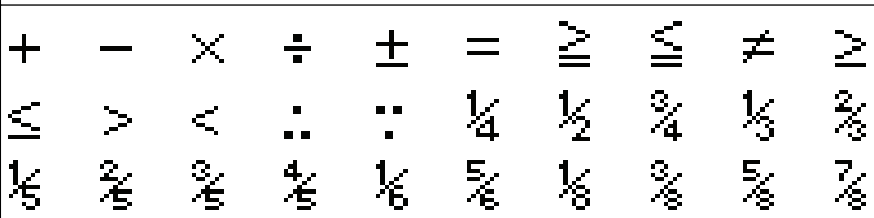
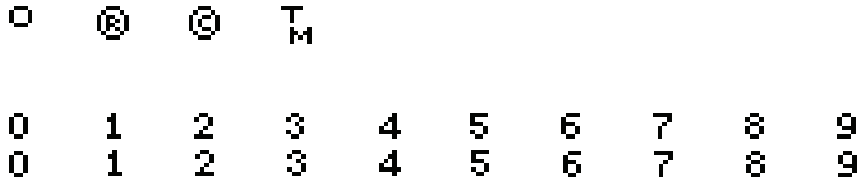
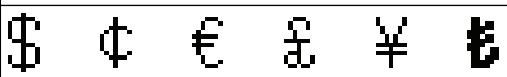
The Symbol History can store recently used symbols. By default, the Symbol History feature is set to [On].

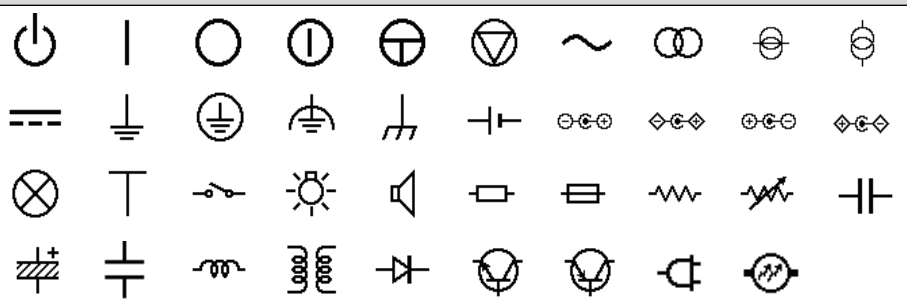
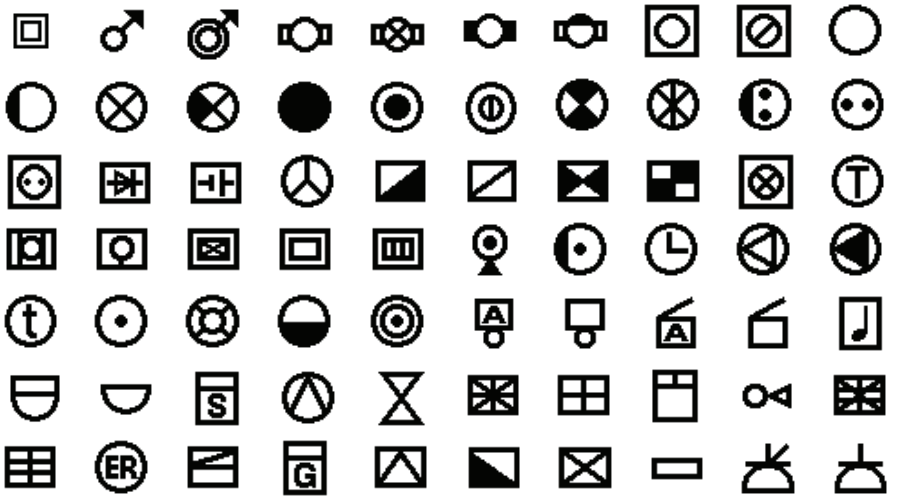
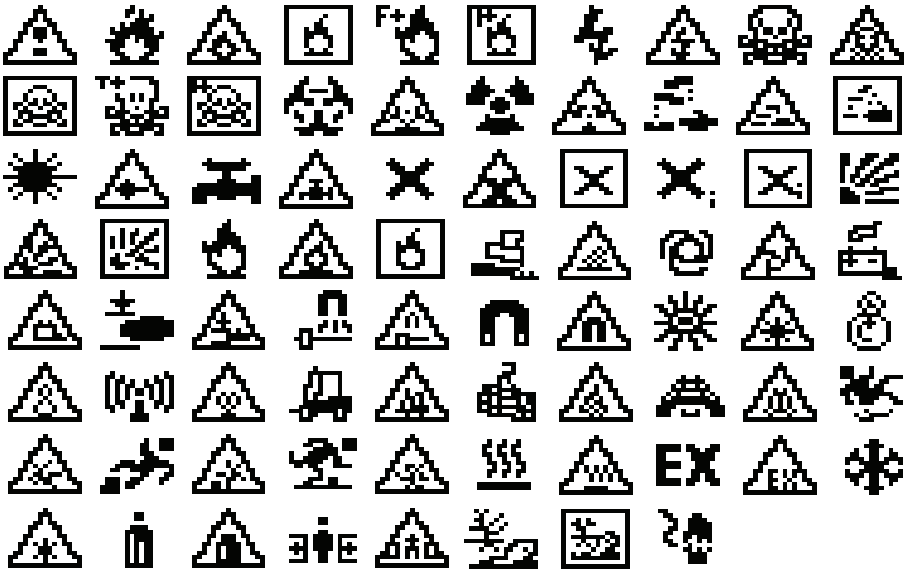
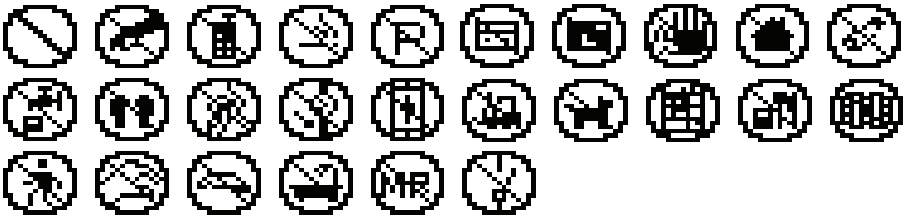
1. Press **Menu**.
2. Press ▲ or ▼ to display [Symbol History], and then press **OK**.
3. Press ▲ or ▼ to select [On] or [Off], and then press **OK**.

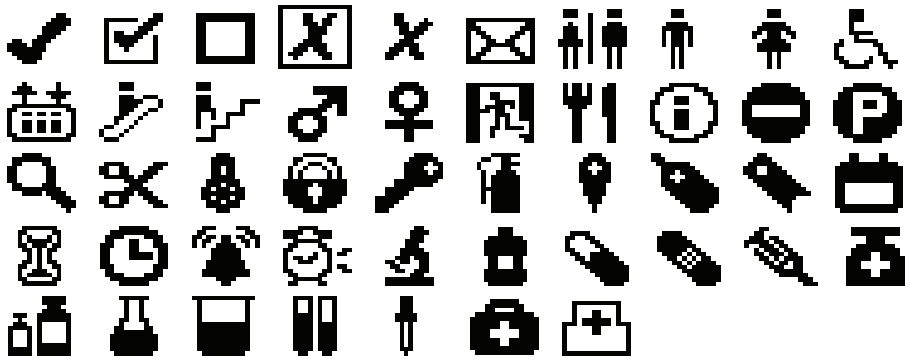
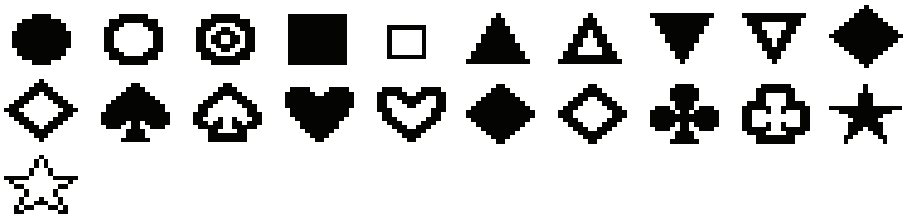
Related Information

- Enter Symbols

Symbol Options

Category	Symbols
History	Up to 30 recently used symbols are stored in History.
Punctuation	
Brackets	
Arrows	
Mathematics	
Greek	
Super/ Subscript	
Currency	
Electronics	

Category	Symbols
Electrical 1	
Electrical 2	
Safety	
Prohibited	

Category	Symbols
Sign	
Pictograph	

Related Information

- Enter Symbols

Enter Accented Characters

1. Type the character you want.
2. Press ÁÄÂ···.
3. Press ◀ or ▶ to select an accented character, and then press **OK**.

Related Information

- Edit Labels
  - Accented Character Options

Accented Character Options

The accented characters displayed on the LCD depend on your language.

Character	Accented Characters
a	á à â ä æ ã ą å ā ă
A	Á À Â Ä Æ Ã Ą Å Ā Ă
c	ç č ć
C	Ç Č Ć
d	d’ ð đ
D	Ď Đ
e	é è ê ë ę ě ė ē
E	É È Ê Ë Ę Ě Ė Ē
g	ģ ğ
G	Ģ Ğ
i	í ì î ï į ī ı
I	Í Ì Î Ï Į Ī İ
k	ķ
K	Ķ
l	ł í ļ l’
L	Ł Ĺ Ļ L’
n	ñ ň ń ņ
N	Ñ Ň Ń Ņ
o	ó ò ô ø ö õ œ ő
O	Ó Ò Ô Ø Ö Õ Œ Ő
r	ř ŕ ŗ
R	Ř Ŕ Ŗ
s	š ś ş ș ß
S	Š Ś Ş Ș ß
t	ť ţ þ
T	Ť Ţ Þ

Character	Accented Characters
u	ú ù û ü ų ů ū ű
U	Ú Ù Û Ü Ų Ů Ū Ű
y	ý ÿ
Y	Ý Ÿ
z	ž ź ż
Z	Ž Ź Ż

Related Information

- Enter Accented Characters

Set Character Attributes

- Apply Character Attributes
- Apply Character Attributes to a Line of Text
- Attribute Setting Options
- Set Auto Fit Style

Apply Character Attributes

When formatting your text, you can preview your character attribute selections on the LCD.

1. Type the text you want.
2. Press .
3. Press ▲ or ▼ to select an attribute.
4. Press ◀ or ▶ to set a value for that attribute, and then press **OK**.

Related Information

- Set Character Attributes

Related Topics:

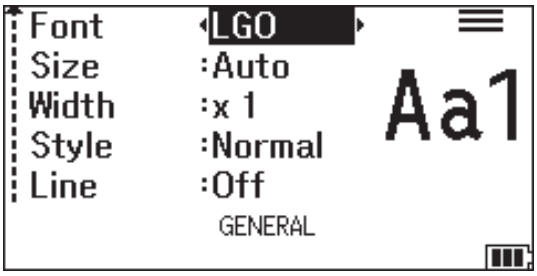
- Attribute Setting Options

Apply Character Attributes to a Line of Text

If you add multiple lines in your label, you can format each line of text to look different.

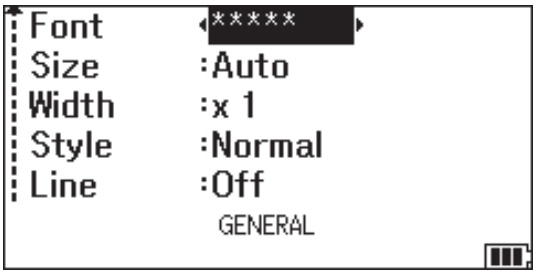
1. Type the lines of characters or text you want on your label.
2. Press ▲ or ▼ to move the cursor to the line whose character attributes you want to change.
3. Press ⇧ and then press AAA to display the available formatting attributes.

   Three black lines in the upper right corner of the LCD indicate that you are now applying the attribute to that specific line only.



4. Press ▲ or ▼ to select an attribute.
5. Press ◀ or ▶ to set a value for that attribute, and then press **OK**.

When different attribute values are set for each line, the value appears as ***** when you press AAA.



Related Information

- Set Character Attributes

Related Topics:

- Attribute Setting Options

Attribute Setting Options

Font

PT-E310BT

Value	LCD Message	Result
Letter Gothic	LGO	
Helsinki	HEL	
Brussels	BRU	
Los Angeles	LA	
Atlanta	ATL	
Adams	ADM	
Sofia	SOF	

PT-E510/PT-E560BT

Value	LCD Message	Result
Letter Gothic	LGO	
Helsinki	HEL	
Brussels	BRU	
US	US	
Los Angeles	LA	
San Diego	SGO	
Florida	FLO	
Calgary	CAL	
Belgium	BEL	
Atlanta	ATL	
Adams	ADM	
Brunei	BRN	
Sofia	SOF	
Germany	GER	

Font Size

Available Sizes:

Auto, 6 pt, 9 pt, 12 pt, 18 pt, 24 pt, 36 pt, 42 pt, (PT-E510/PT-E560BT) 48 pt

When Auto is selected, the text is automatically adjusted to print in the largest size available in the font settings for each tape width.

Width

Value	Result
x 1	
x 3/2	
x 2	
x 1/2	
x 2/3	

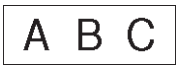
Font Style

Value	LCD Message	Result
Normal	Normal	
Bold	BLD	
Outline	OUT	
Shadow	SHD	
Solid	SLD	
Italic	ITA	
Italic Bold	I+BLD	
Italic Outline	I+OUT	
Italic Shadow	I+SHD	
Italic Solid	I+SLD	

Line

Value	LCD Message	Result
Off	Off	ABC
Underline	UND	ABC
Strikethrough (Single Line)	STR	ABC
Strikethrough (Double Lines)	D.STR	ABC

Alignment

Value	LCD Message	Result
Centre	Center	
Left	Left	
Right	Right	
Justify	Just	

Related Information

- Set Character Attributes

Set Auto Fit Style

You can reduce the text size to fit within the length of your label.

Make sure [Size] in is set to [Auto] and the label length is specified before using this function.

1. Press **Menu**.
2. Press ▲ or ▼ to display [Auto Fit Style], and then press **OK**.
3. Press ▲ or ▼ to select one of following options:

Option	Description
Text Size	The total text size is reduced to fit within the label.
Text Width	The text width is reduced to the size of the x 1/2 or x 2/3 setting to fit within the label. For the expected output, see *Related Topics*.

4. Press **OK**.

Related Information

- Set Character Attributes

Related Topics:

- Attribute Setting Options

Set Frames

1. Press AAA.
2. Press ▲ or ▼ to display [Frame].
3. Press ◀ or ▶ to select a frame, and then press **OK**.

Related Information

- Edit Labels
  - Frame Options

Frame Options

Value	LCD Message	Result
Off	Off	ABCabc
Rectangle	1	
Bold Rectangle	2	
Rounded Rectangle	3	
Bold Rounded Rectangle	4	
Rounded Rectangle 2	5	
Bold Rounded Rectangle 2	6	
Table	7	

Related Information

- Set Frames

Create Labels Using Labelling Application Type

- General Mode
- Faceplate Mode
- Cable Wrap Mode
- Cable Flag Mode
- Patch Panel Mode
- Punch Block Mode
- Create Labels Using Special Tapes for Wrapping Around Cables
- Create a Cross-ID Label

General Mode

Create labels for general purposes using General mode.

Horizontal

Vertical

1. Press .
2. Press ▲, ▼, ◀, or ▶ to select the options you want, and then press **OK**.

Option	Description
`Label Length` (PT-E310BT)	Select the printed label length. `Auto`, 25 mm to 999 mm
`Label Length` (PT-E510/PT-E560BT)	Select the printed label length. `Auto`, 10 mm to 999 mm
`Orientation`	Select the orientation (horizontal or vertical) of your text.

3. Enter the text you want.
4. Press .

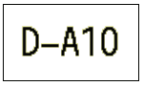
Related Information

- Create Labels Using Labelling Application Type

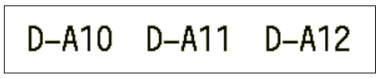
Faceplate Mode

Create identification labels for various faceplates using Faceplate mode. When printing in this mode, each block of text is the same size and evenly spaced.

1 block



3 blocks



1. Press

.
2. Press ▲, ▼, ◀, or ▶ to select the options you want, and then press **OK**.

Option	Description
Label Length (PT-E310BT)	Select the printed label length. 25 mm to 999 mm
Label Length (PT-E510/PT-E560BT)	Select the printed label length. 10 mm to 999 mm
# of Blocks	Select the number of blocks (up to 5 blocks).
Orientation	Select the orientation (horizontal or vertical) of your text.

3. Enter the text you want.
4. Press .

Related Information

- Create Labels Using Labelling Application Type

Cable Wrap Mode

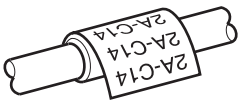
Create labels to be wrapped around a cable or wire using Cable Wrap mode. In Cable Wrap mode, the text is printed as shown so that when it's wrapped, the label can be read from all angles.

Custom

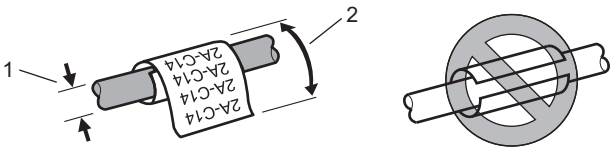
2A–C14 2A–C14 2A–C14 2A–C14 2A–C14 2A–C14 2A–C14

Rot.90

2A–C14
2A–C14
2A–C14
2A–C14



- (PT-E310BT) We recommend using Flexible ID Tape for Cable Wrap labels.
  (PT-E510/PT-E560BT) We recommend using Flexible ID Tape or Self-Laminating Tape for Cable Wrap labels.
- Flexible ID Tape is not designed for use as electrical insulation. When wrapping Flexible ID Tape labels around objects, the diameter of the object (1) should be 3 mm or more. The overlapping ends of the label or the label flag (2) should be 5 mm or more.



1. Press .
2. Press ▲, ▼, ◀, or ▶ to select the options you want, and then press **OK**.

Option	Description
UOM	Select one of the following units of measurement: Dia(Ø) (Custom Diameter), Length (Custom Length), CAT5/6, CAT6A, COAX, AWG, Rot.90 (Rotated 90°)
Value	The available values differ depending on the units of measurement you select.
Repeat	Repeat the text you enter so it prints as many times as needed.
Cross-ID	Select this setting when you create Cross-ID labels. See *Related Information*.

3. Enter the text you want.
4. Press .

Related Information

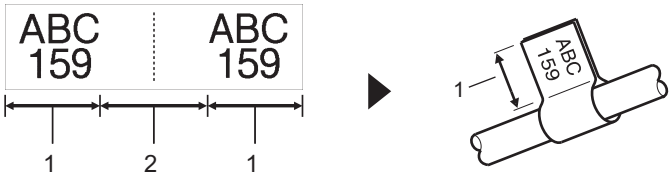
- Create Labels Using Labelling Application Type

Related Topics:

- Create a Cross-ID Label
- Create Labels Using Special Tapes for Wrapping Around Cables

Cable Flag Mode

Using Cable Flag mode, create labels to be wrapped around a cable or wire, and stuck together so that both label ends form a flag. In Cable Flag mode, the text is printed on both label ends and a blank space is left in the middle that wraps around the cable.



1. Flag length
2. Cable circumference

We recommend using Flexible ID Tape for Cable Flag labels.

1. Press ABC.
2. Press ▲, ▼, ◀, or ▶ to select the options you want, and then press **OK**.

Option	Description
Layout	Select the layout you want: AA AA The same text is printed on each block. AA BB Two different texts are printed on each block.
Flag Length (PT-E310BT)	Select the flag length of your printout. 15 mm to 200 mm
Flag Length (PT-E510/PT-E560BT)	Select the flag length of your printout. 10 mm to 200 mm
Cable Diameter	Select the cable diameter. 3 mm to 90 mm
Orientation	Select the orientation (horizontal or vertical) of your text.
Cross-ID	Select this setting when you create Cross-ID labels. See *Related Information*.

3. Enter the text you want.
4. Press .

Related Information

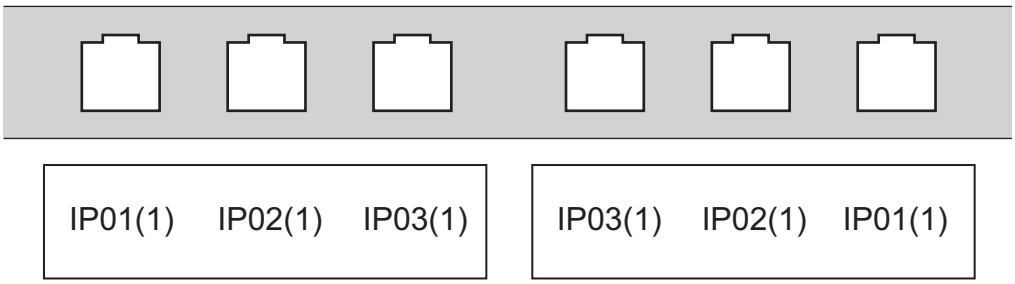
- Create Labels Using Labelling Application Type

Related Topics:

- Create a Cross-ID Label

Patch Panel Mode

Create labels to identify various type of panels using Patch Panel mode.



1. Press A/B/C.
2. Press ▲, ▼, ◀, or ▶ to select the options you want, and then press **OK**.

Option	Description
Block Length	Select the block length. 5 mm to 300 mm
# of Blocks	Select the number of blocks (up to 99 blocks).
Separator	Select the separator layout: Tic, Dash, Line, Bold, Frame, None
Orientation	Select the orientation (0°, 90°, 180°, 270°) of your text.
Reverse	Print blocks in reverse order.
Advanced	Adjust block lengths independently.
No Margins	Set the margin of both ends of each label to 0 mm.

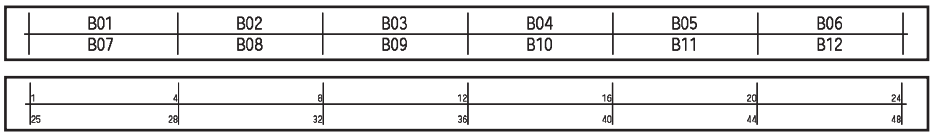
3. Enter the text you want.
4. Press .

Related Information

- Create Labels Using Labelling Application Type

Punch Block Mode

Create labels to identify a type of electrical connection often used in telephony using Punch Block (Punch-Down Block) mode.



- (PT-E310BT) Up to two lines can be entered in each block.
- (PT-E510/PT-E560BT) Up to three lines can be entered in each block.

1. Press .
2. Press ▲, ▼, ◀, or ▶ to select the options you want, and then press **OK**.

Option	Description
Module Width	Select the module width. 50 mm to 300 mm
Block Type	Select the block type: 2 Pairs, 3 Pairs, 4 Pairs, 5 Pairs, Blank
Sequence Type	Select the sequence type: None, Horizontal, Backbone
Start Value	Select the start value (Up to 99999).

3. Enter the text you want.
4. Press .

Related Information

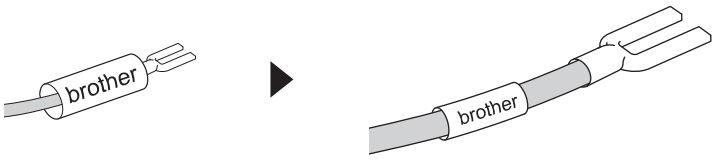
- Create Labels Using Labelling Application Type

Create Labels Using Special Tapes for Wrapping Around Cables

- Heat Shrink Tube
- Self-Laminating Tape

Heat Shrink Tube

When you insert a Heat Shrink Tube cassette into the printer and then press any of the labelling application type keys, the Heat Shrink Tube setting screen appears on the LCD.



1. Press ▲, ▼, ◀, or ▶ to select the options you want, and then press **OK**.

Option	Description
Label Length	Select the printed label length. 25 mm to 999 mm
Cross-ID	Select this setting when you create Cross-ID labels. See *Related Information*.

2. Enter the text you want.
3. Press .

Related Information

- Create Labels Using Special Tapes for Wrapping Around Cables

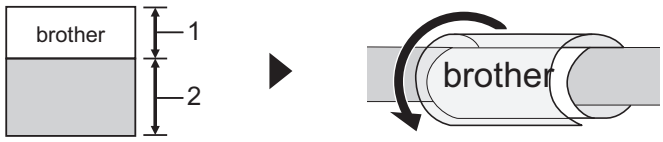
Related Topics:

- Create a Cross-ID Label

Self-Laminating Tape

Related Models: PT-E510/PT-E560BT

When you insert a Self-Laminating Tape cassette into the printer and then press any of the labelling application type keys, the Self-Laminating Tape setting screen appears on the LCD.



1. Printed area
2. Laminating area

1. Press ▲, ▼, ◀, or ▶ to select the options you want, and then press **OK**.

Option	Description
`Label Length`	Select the printed label length. 15 mm to 300 mm
`V.Offset`	Adjust the vertical position of the text.
`Cross-ID`	Select this setting when you create Cross-ID labels. See *Related Information*.

2. Enter the text you want.
3. Press .

Related Information

- Create Labels Using Special Tapes for Wrapping Around Cables

Related Topics:

- Create a Cross-ID Label

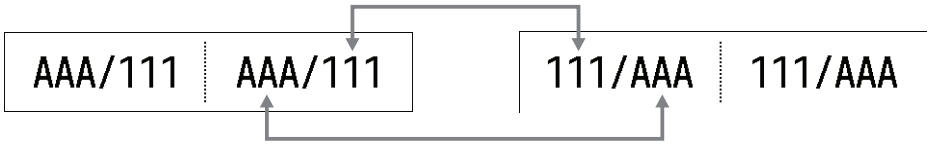
Create a Cross-ID Label

Use the [Cross-ID] feature to print labels in which the text order is reversed.

- **1 line Cross-ID label**

  When you insert a trigger character ("/" or "\") in the text, the label is printed in reverse order, as shown in the example.

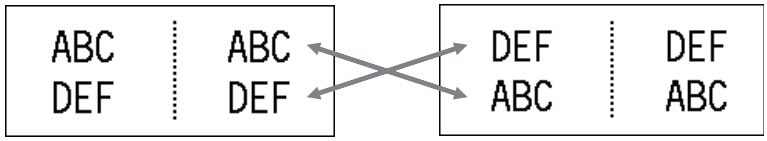
  1 line (using Cable Flag mode)



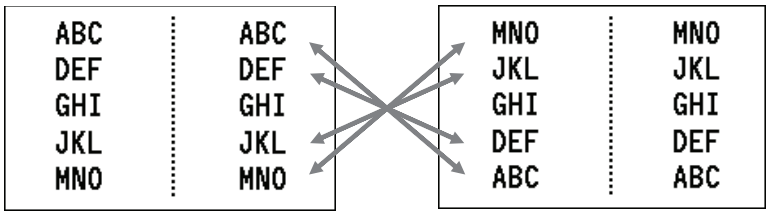
- **Multiple lines Cross-ID label**

  When you enter multiple lines of text, each line is switched, as shown in the examples.

  2 lines (using Cable Flag mode)



  5 lines (using Cable Flag mode)



1. Press or .
2. Press ▲ or ▼ to select [Cross-ID].
3. Press ◀ or ▶ to select the option you want, and then press **OK**.

Option	Description
Off	Disable Cross-ID settings.
Pair	Print multiple serialised Cross-ID labels in each pair.
Group	Print multiple serialised Cross-ID labels in each group.

When you print a single Cross-ID label, the print result is the same regardless of whether you select [Pair] or [Group].

4. Enter the text you want.
5. Select the Serialise setting, if needed.
6. Press .

Related Information

- Create Labels Using Labelling Application Type

Related Topics:

- Create Serialised Labels

Create Barcode Labels

- Create and Print Barcodes
- Edit or Delete a Barcode and Barcode Data

Create and Print Barcodes

The Label Printer is not designed exclusively for creating barcode labels. Always confirm that barcode labels can be read by a barcode reader.

For best results, print barcode labels in black ink on white tape. Some barcode readers may not be able to read barcode labels created using coloured tape or ink.

You can print up to five barcodes on a single label.

NOTE

- The number of characters or lines you can add varies depending on the tape width.
- Use the `[Large]` setting for `[Width]` or `[Size]` whenever possible. Some barcode readers may not be able to read barcode labels created using the `[Small]` setting.
- Continuously printing a large number of labels with barcodes can overheat the Print Head, which may affect the print quality.
- Symbols are available for the CODE39, CODE128, CODABAR, or GS1-128 protocols.
- The "C.Digit" (Check Digit) attribute is available for the CODE39, I-2/5, and CODABAR protocols.

>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT

1. Press and then press .
2. Press ▲, ▼, ◀, or ▶ to select an attribute, and then press **OK**.
   For more information, see *Related Information*.
3. Enter the barcode data.
4. To select a character, press and then press . Press ▲ or ▼ to select the character you want, and then press **OK**.
5. Press **OK**.

PT-E510/PT-E560BT

1. Press .
2. Press ▲, ▼, ◀, or ▶ to select an attribute, and then press **OK**.
   For more information, see *Related Information*.
3. Enter the barcode data.
4. To select a character, press . Press ▲ or ▼ to select the character you want, and then press **OK**.
5. Press **OK**.

Related Information

- Create Barcode Labels
  - Barcode Options

Barcode Options

Protocol	Attribute	Value
CODE39, CODE128, EAN-8, EAN-13, GS1-128 (UCC/EAN-128), UPC-A, UPC-E, I-2/5 (ITF), CODABAR	Width	Small, Large
	Under# (Characters printed below the barcode)	On, Off
	C.Digit (Check Digit)	Off, On (Available only for the CODE39, I-2/5, and CODABAR protocols)
QR Code	Model	Model 1, Model 2, Micro
	Size	Small, M Small, Medium, M Large, Large
	ECC Level	7%, 15%, 25%, 30%
Data Matrix	Model	Square, Rect. (Rectangular)
	Size	Small, M Small, Medium, M Large, Large

Special Character Options

CODE39

Special Character
−
-
(SPACE)
$
/
+
%

CODABAR

Special Character
−
$
:
/
-

Special Character
+

CODE128, GS1-128 (UCC / EAN-128), QR Code, Data Matrix

Special Character			
(SPACE)	!	"	#
$	%	&	'
(	)	*	+
,	-	.	/
:	;	<	=
>	?	@	[
\	]	^	_
NUL	`	SOH	STX
ETX	EOT	ENQ	ACK
BEL	BS	HT	LF
VT	FF	CR	SO
SI	DLE	DC1	DC2
DC3	DC4	NAK	SYN
ETB	CAN	EM	SUB
ESC	{	FS	|
GS	}	RS	~
US	DEL	FNC3 [1]	FNC2 [1]
FNC4 [1]	FNC1 [1]		

[1] Not available for QR Code or Data Matrix.

Related Information

- Create and Print Barcodes

Edit or Delete a Barcode and Barcode Data

>> Delete a barcode from a label
>> Edit Barcode Data

Delete a barcode from a label

1. Position the cursor to the right of the barcode on the data entry screen.
2. Press .

Edit Barcode Data

>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT

1. To edit barcode attributes and barcode data, position the cursor to the left of the barcode on the data entry screen.
2. Press and then press .

   The Barcode Setup screen appears on the LCD.

PT-E510/PT-E560BT

1. To edit barcode attributes and barcode data, position the cursor to the left of the barcode on the data entry screen.
2. Press .

   The Barcode Setup screen appears on the LCD.

Related Information

- Create Barcode Labels

Create Serialised Labels

- Serialisation Options
- Create Labels with a Single Serialised Range
- Create Labels with Two Serialised Ranges
- Create Advanced Serialised Labels

Serialisation Options

Option	Description
Count	Select the number of labels you want to create.
Incremented by	Select the increment value for a number or letter.
Type	Select the serialisation type. For details, see the examples below.

- In the [Type] option, you can select [Norm / Normal], [Octal], [Dec / Decimal], or [Hex].
- [Octal], [Dec / Decimal], and [Hex] are not available for barcodes.
- Incremental changes to numbers or letters based on the selected [Type] option:

[Norm / Normal]

- 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 ...
- a b c d e f g h i j k l m n o p q r s t u v w x y z
- A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

[Octal]

0 1 2 3 4 5 6 7 **10** 11 12 13 14 15 16 17 **20** 21 ...

[Dec / Decimal]

0 1 2 3 4 5 6 7 8 9 **10** 11 12 13 14 15 16 17 18 19 **20** 21 ...

[Hex]

- 0 1 2 3 4 5 6 7 8 9 a b c d e f **10** 11 12 13 14 15 16 17 18 19 1a 1b 1c 1d 1e 1f **20** 21 ...
- 0 1 2 3 4 5 6 7 8 9 A B C D E F **10** 11 12 13 14 15 16 17 18 19 1A 1B 1C 1D 1E 1F **20** 21 ...

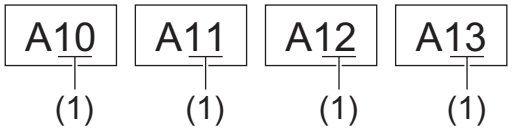
Related Information

- Create Serialised Labels

Create Labels with a Single Serialised Range

Create labels with a single serialised range by entering only one pattern text, as shown.

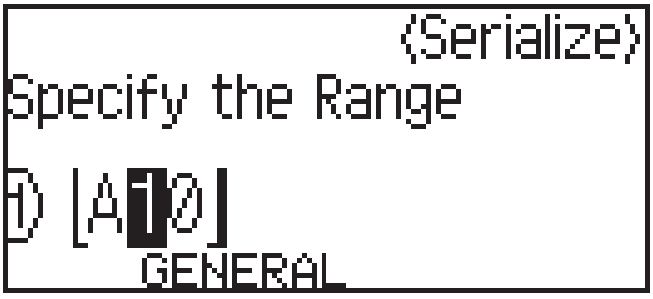
- **Entering Text Pattern**: A10
- **Serialised Range**: (1)
- **Printed Label Result**:



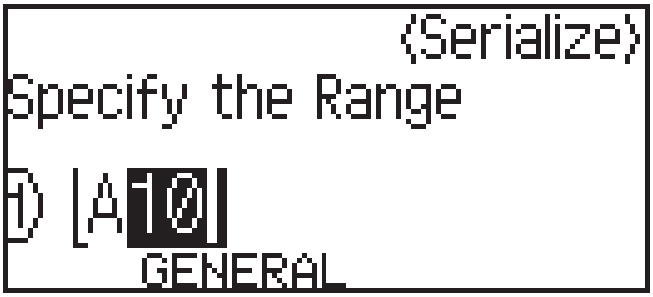
>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT

1. Type "A10" using the keyboard.
2. Press and then press .
3. Position the cursor to the left of the first character in the range you want to serialise, and then press **OK**.



4. Press ◀ or ▶ to select the last character in the range you want to serialise, and then press **OK**.



5. Press ▲, ▼, ◀, or ▶ to set the following parameters (for this example):
   - Set "4" in the `[Count]` menu.
   - Set "1" in the `[Incremented by]` menu.
   - Select `[Norm]` from the `[Type]` menu.

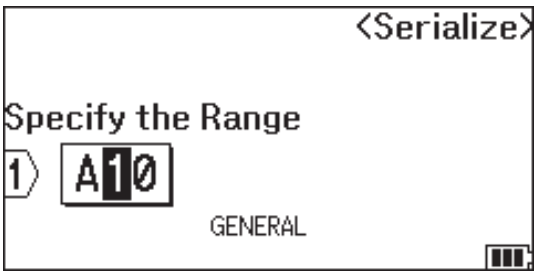
   When you set them all, press **OK**.
6. Press .

   You can select `[All]`, `[Current]`, or `[Range]` for the print option.

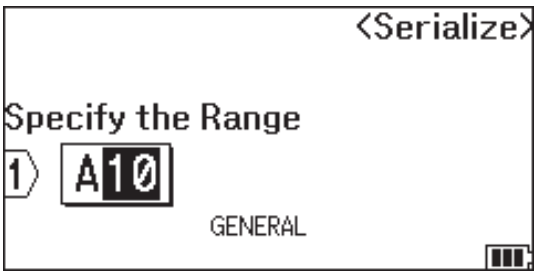
PT-E510/PT-E560BT

1. Type "A10" using the keyboard.

2. Press .
3. Position the cursor to the left of the first character in the range you want to serialise, and then press **OK**.



4. Press ◀ or ▶ to select the last character in the range you want to serialise, and then press **OK**.



5. Press ▲, ▼, ◀, or ▶ to set the following parameters (for this example):
   - Set "4" in the `[Count]` menu.
   - Set "1" in the `[Incremented by]` menu.
   - Select `[Normal]` from the `[Type]` menu.

   When you set them all, press **OK**.
6. Press .

   You can select `[All]`, `[Current]`, or `[Range]` for the print option.

Related Information

- Create Serialised Labels

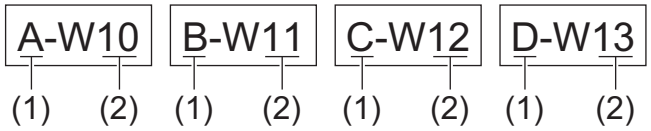
Related Topics:

- Serialisation Options

Create Labels with Two Serialised Ranges

Create labels with two serialised ranges by entering the pattern text, as shown.

- **Entering Text Pattern**: A-W10
- **Serialised Range**: (1) and (2)
- **Printed Label Result**:



>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT

1. Type "A-W10" using the keyboard.
2. Press ⇧ and then press A¦B¦C.
3. Press ▲ or ▼ to select `[Simultaneous]`, and then press **OK**.
4. Specify the first range (1) you want to serialise.
   a. Position the cursor to the left of the first character of the range, and then press **OK**.
   b. Press ◀ or ▶ to select the last character of the range, and then press **OK**.
   (For (1) in this example, position the cursor to the left of "A" and press **OK** twice since the first and last characters are the same.)

5. Repeat the previous step to specify the second range (2) you want to serialise.

6. Press ▲, ▼, ◀, or ▶ to set the following parameters (for this example):
   - Set "4" in the `[Count]` menu.
   - Set "1" in the `[Incremented by]` menu.
   - Select `[Norm]` from the `[Type]` menu.

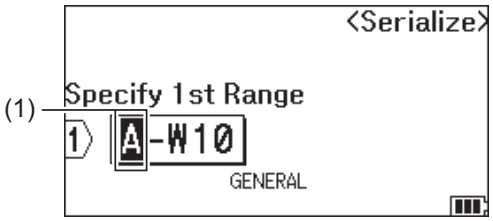
   When you set them all, press **OK**.
7. Press ⎙.

   You can select `[All]`, `[Current]`, or `[Range]` for the print option.

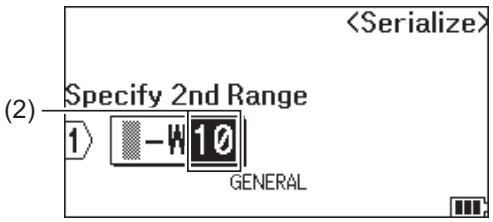
PT-E510/PT-E560BT

1. Type "A-W10" using the keyboard.
2. Press .
3. Press ▲ or ▼ to select `[Simultaneous]`, and then press **OK**.
4. Specify the first range (1) you want to serialise.
   a. Position the cursor to the left of the first character of the range, and then press **OK**.
   b. Press ◀ or ▶ to select the last character of the range, and then press **OK**.

   (For (1) in this example, position the cursor to the left of "A" and press **OK** twice since the first and last characters are the same.)



5. Repeat the previous step to specify the second range (2) you want to serialise.



6. Press ▲, ▼, ◀, or ▶ to set the following parameters (for this example):
   - Set "4" in the `[Count]` menu.
   - Set "1" in the `[Incremented by]` menu.
   - Select `[Normal]` from the `[Type]` menu.

   When you set them all, press **OK**.
7. Press .

   You can select `[All]`, `[Current]`, or `[Range]` for the print option.

Related Information

- Create Serialised Labels

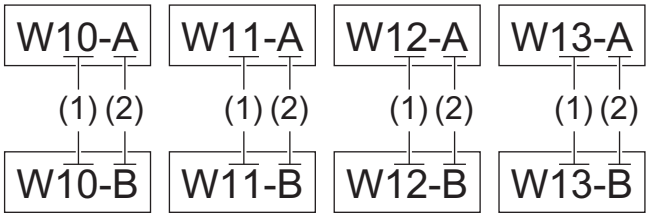
Related Topics:

- Serialisation Options

Create Advanced Serialised Labels

Create advanced labels with two serialised label ranges by entering the text pattern, as shown.

- **Entering Text Pattern**: W10-A
- **Serialised Range**: (1) and (2)
- **Printed Label Result**:



>> PT-E310BT
>> PT-E510/PT-E560BT

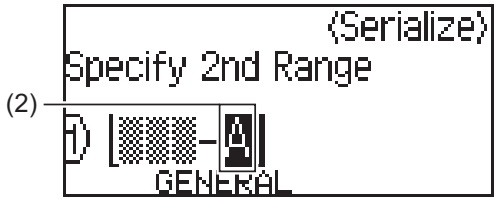
PT-E310BT

1. Type "W10-A" using the keyboard.
2. Press and then press .
3. Press ▲ or ▼ to select `[Advanced]`, and then press **OK**.
4. Specify the first range (1) you want to serialise, and then select the count and increment for the first range.
   a. Position the cursor to the left of the first character of the range, and then press **OK**.
   b. Press ◀ or ▶ to select the last character of the range, and then press **OK**.

   c. Press ▲, ▼, ◀, or ▶ to set the following parameters (for this example):
      - Set "4" in the `[Count]` menu.
      - Set "1" in the `[Incremented by]` menu.
      - Select `[Norm]` from the `[Type]` menu.

      When you set them all, press **OK**.
5. Specify the second range (2) you want to serialise, and then select the count and increment for the second range.
   a. Position the cursor to the left of the first character of the range, and then press **OK**.
   b. Press ◀ or ▶ to select the last character of the range, and then press **OK**.

      (For (2) in this example, position the cursor to the left of "A" and press **OK** twice since the first and last characters are the same.)



c. Press ▲, ▼, ◀, or ▶ to set the following parameters (for this example):
   - Set "2" in the `[Count]` menu.
   - Set "1" in the `[Incremented by]` menu.
   - Select `[Norm]` from the `[Type]` menu.

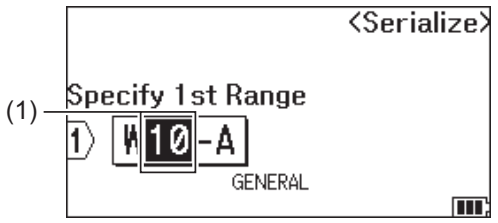
   When you set them all, press **OK**.

6. Press .

   You can select `[All]`, `[Current]`, or `[Range]` for the print option.

PT-E510/PT-E560BT

1. Type "W10-A" using the keyboard.
2. Press .
3. Press ▲ or ▼ to select `[Advanced]`, and then press **OK**.
4. Specify the first range (1) you want to serialise, and then select the count and increment for the first range.
   a. Position the cursor to the left of the first character of the range, and then press **OK**.
   b. Press ◀ or ▶ to select the last character of the range, and then press **OK**.

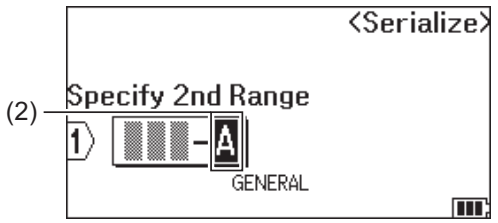


   c. Press ▲, ▼, ◀, or ▶ to set the following parameters (for this example):
      - Set "4" in the `[Count]` menu.
      - Set "1" in the `[Incremented by]` menu.
      - Select `[Normal]` from the `[Type]` menu.

      When you set them all, press **OK**.

5. Specify the second range (2) you want to serialise, and then select the count and increment for the second range.
   a. Position the cursor to the left of the first character of the range, and then press **OK**.
   b. Press ◀ or ▶ to select the last character of the range, and then press **OK**.

      (For (2) in this example, position the cursor to the left of "A" and press **OK** twice since the first and last characters are the same.)



c. Press ▲, ▼, ◀, or ▶ to set the following parameters (for this example):
   - Set "2" in the [Count] menu.
   - Set "1" in the [Incremented by] menu.
   - Select [Normal] from the [Type] menu.

   When you set them all, press **OK**.

6. Press .

   You can select [All], [Current], or [Range] for the print option.

Related Information

- Create Serialised Labels

Related Topics:

- Serialisation Options

Print Labels

- Preview Labels
- Print Labels
- Select a Cut Option (PT-E310BT)
- Select a Cut Option (PT-E510/PT-E560BT)
- Print Transferred Templates
- Print Transferred Database Data

Preview Labels

You can preview labels before printing to make sure they are correct.

1. Press .
2. Do one of the following:
   - Press ◀, ▶, ▲, or ▼ to scroll the preview left, right, up, or down.
   - Press to zoom the preview in and out.
   - Press and ◀, ▶, ▲, or ▼ to jump directly to the left, right, top, or bottom border.

Related Information

- Print Labels

Print Labels

(PT-E310BT) To cut the label, press the Tape Cutter Lever on the top left corner of the Label Printer.

- (PT-E310BT) To prevent damage to the tape, do not press the Cutter Lever while the message `[Printing... Copies]` or `[Feeding tape... Please wait]` appears on the LCD.
- Do not pull the label while it is emerging from the Tape Exit Slot. Doing so will cause the ink ribbon to be ejected with the tape, making the tape unusable.
- Do not block the Tape Exit Slot during printing. Doing so will cause the tape to jam.

1. After creating your label, press .
2. If you print serialised labels, specify the labels you want to print using the ▲ and ▼ keys to select an option on the LCD.

Option	Description
`All`	Print all labels.
`Current`	Print the label where the cursor is positioned.
`Range`	Specify the first and last label to print.

3. To change other print options, press and then press .

NOTE

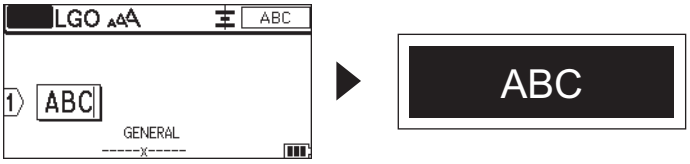
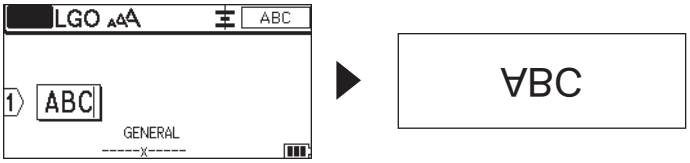
- When you print multiple labels, a confirmation message appears after each label is printed.
  (PT-E510/PT-E560BT) To disable this confirmation message, follow these steps:
  a. Press **Menu**.
  b. Press ▲ or ▼ to display `[Cut Pause]`, and then press **OK**.
  c. Press ▲ or ▼ to select `[Off]`, and then press **OK**.
- If the battery runs out and the print job stops, you can resume printing by following these steps (not available when using a USB or Bluetooth connection):
  a. Fully charge the battery, turn the printer on, and press .
  b. Follow the instructions on the LCD, select the page range, and resume printing.

Related Information

- Print Labels
  - Print Options

Print Options

To change print options, press ⇧, and then press ⎙.

Option	Description	
Copies	Select the number of copies (1-99) you want.	
Page	All	When you print serialised labels, print all labels.
	Current	When you print serialised labels, print only the label where the cursor is positioned.
	Range	When you print serialised labels, specify the first and last label to print.
Order	When you print multiple copies of serialised labels, print them in sorted or stacked order.	
Invert	Invert the character colour and the background colour on the label. 	
Mirror	Use clear tape when using this option, so the label can be read correctly from the opposite side when attached to glass, windows, or other transparent surfaces. 	

Related Information

- Print Labels

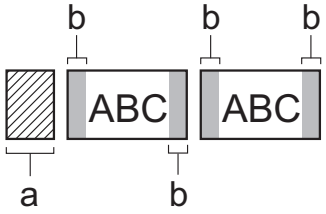
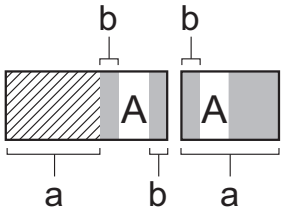
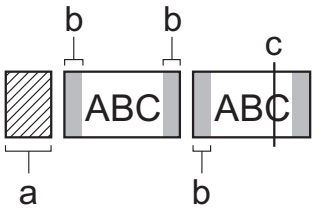
Select a Cut Option (PT-E310BT)

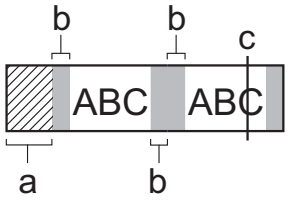
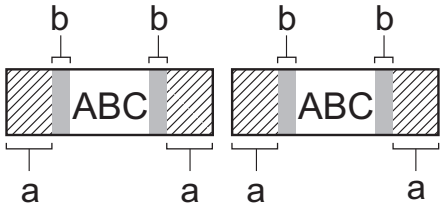
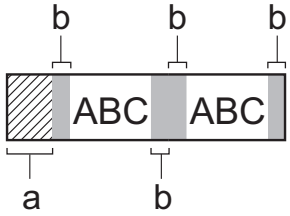
Related Models: PT-E310BT

1. Press AA.
2. Press ▲ or ▼ to display [Cut Option], and then press ◀ or ▶ to select the option you want.

   In the tables below, these visual patterns represent parts of your label, as illustrated in the *Example* column.

ABC	Print area
	Margin
	Laminate margin

Setting	Description	Example
Small Margin	The tape automatically feeds 23 mm first, and then each label is printed, leaving a margin of 2 mm before and after the text.	• When each label length is approximately 23 mm or more  a. Approximately 23 mm b. 2 mm • When each label length is approximately 23 mm or less  a. Approximately 23 mm b. 2 mm
Chain	• Select this setting when printing several labels with minimum margins. • A margin of 23 mm is printed first, and then each label is printed, leaving a margin of 2 mm before and after the text. • Feed the tape before using the Tape Cutter, otherwise part of the text may get cut off. Do not try to pull the tape as this may damage the Tape Cassette.	 a. Approximately 23 mm b. 2 mm c. Tape Stop Position

Setting	Description	Example
`No Cut`	• Select this setting when printing multiple copies of a label or when using Heat Shrink Tube or any other tapes that cannot be cut using the Tape Cutter and instead must be cut with scissors. • Feed the tape before using the Tape Cutter, otherwise part of the text may get cut off. Do not try to pull the tape as this may damage the Tape Cassette. • When using any tapes that cannot be cut using the Tape Cutter, remove the Tape Cassette after printing, and use scissors to cut the tape.	 a. Approximately 23 mm b. 2 mm c. Tape Stop Position
`Large Margin`	The total margin (laminate margin + label margin) is 25 mm on either side of the label.	 a. Approximately 23 mm b. 2 mm
`Special Tape`	• Select this setting when using any special tape. • When using Fabric Iron-On Tapes or Heat Shrink Tube, select `Special Tape` in the `Cut Option` before printing. After printing, remove the Tape Cassette from the Label Printer and use scissors to cut the tape.	 a. Approximately 23 mm b. 2 mm

3. Press **OK**.

- When you set the cut option to `[No Cut]` or `[Chain]`, the cut position is set in the middle of printing area after the last label is printed. When `[Start feeding?]` appears on the LCD, press **OK** to feed the tape. Press **Esc** to return to the text entry screen.
- When you set the cut option to `[Large Margin]`, `[Small Margin]`, or `[Chain]`, the message `[Cut tape or press Enter to continue.]` appears after printing, and the Label Printer enters Cut Pause Mode.

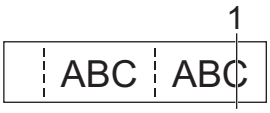
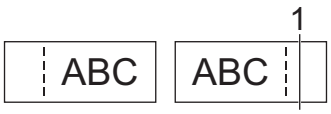
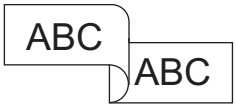
Related Information

- Print Labels

Select a Cut Option (PT-E510/PT-E560BT)

Related Models: PT-E510/PT-E560BT

1. Press **Menu**.
2. Press ▲ or ▼ to select `[Cut Option]`, and then press **OK**.
3. Press ▲ or ▼ to select the option you want.

No	Example	Full Cut	Half Cut	Chain
1		No	Yes	No
2		Yes	Yes	No
3		No	No	No
4		Yes	No	No
5	 1. Tape Stop Position	No	Yes	Yes
6	 1. Tape Stop Position	Yes	Yes	Yes
7	1. Tape Stop Position	No	No	Yes
8	1. Tape Stop Position	Yes	No	Yes
9		For special tape		

4. Press **OK**.

- The Chain setting neither feeds nor cuts the tape when the last label is printed.

  Press to feed and cut the tape.

- The Half Cut setting becomes unavailable when using Fabric Iron-On Tapes, Heat Shrink Tube, or Non-Laminated Tapes.

Related Information

- Print Labels

Print Transferred Templates

You can transfer templates created in P-touch Editor to your Label Printer, customise your text, and then print the updated labels.

1. Press .
2. Press ▲ or ▼ to display `[Transferred Templates]`, and then press **OK**.
3. Press ▲ or ▼ to select the template you want to print, and then press **OK**.
4. Press ▲ or ▼ to display `[Print]`, and then press **OK**.

If you have not yet transferred templates from P-touch Editor, `[Transferred Templates]` will not appear in the list of options.

For more information, see *Related Topics*.

Related Information

- Print Labels
  - Edit and Print Transferred Templates
  - Print Transferred Templates from a Database
  - Delete a Transferred Template

Related Topics:

- Transfer Templates to the Printer Using Your Computer (Windows)

Edit and Print Transferred Templates

1. Press .
2. Press ▲ or ▼ to display `[Transferred Templates]`, and then press **OK**.
3. Press ▲ or ▼ to select the template you want to edit, and then press **OK**.
4. Press ▲ or ▼ to display `[Edit Label (Not Saved)]`, and then press **OK**.
5. Press ▲ or ▼ to select the object in the template you want to edit, and then press **OK**.
6. Edit the object, and then press **OK**.

You cannot add or delete a line break when editing a transferred template.

7. Press **Esc** to return to the previous screen.
8. Press ▲ or ▼ to display `[Print]`, and then press **OK**.

You cannot save your changes to a transferred template.

Related Information

- Print Transferred Templates

Print Transferred Templates from a Database

You can transfer templates linked from a database created in P-touch Editor to your Label Printer, customise your text, and then print the updated labels.

1. Press .
2. Press ▲ or ▼ to display `[Transferred Templates]`, and then press **OK**.
3. Press ▲ or ▼ to select the template you want to print, and then press **OK**.
4. Press ▲ or ▼ to display `[Print from Database]`, and then press **OK**.
5. Press ◀, ▶, ▲, or ▼ to select the first record in the range you want to print, and then press **OK**.

   The first record line is highlighted on the LCD.
6. Press ▲ or ▼ to select the last record line in the range you want to print.
7. Press **OK**.

   The templates are printed.

Related Information

- Print Transferred Templates
  - Find Specific Information within a Template in a Database

Related Topics:

- Transfer Templates to the Printer Using Your Computer (Windows)

Find Specific Information within a Template in a Database

1. Press .
2. Press ▲ or ▼ to display [Transferred Templates], and then press **OK**.
3. Press ▲ or ▼ to select the template you want to print, and then press **OK**.
4. Press ▲ or ▼ to display [Print from Database], and then press **OK**.

   The selected database appears on the LCD.
5. Type the data or name you want to find.

   For example, type 'B' to find any character strings containing 'B'. Type 'BR' to find any character strings containing 'BR'.

   Type as many letters or numbers as needed.

- If a string contains the character you typed, the cursor on the LCD moves to that content and highlights it. If the content does not exist, the cursor remains in its current position.
- (PT-E310BT) If the character you are searching for is contained in multiple fields in the database, press , and then press to move to the next field containing the character. The character is highlighted in the field.
- (PT-E510/PT-E560BT) If the character you are searching for is contained in multiple fields in the database, press to move to the next field containing the character. The character is highlighted in the field.
- Press to delete the last character in your search data. The cursor moves to the next field containing the remaining search characters.

Related Information

- Print Transferred Templates from a Database

Delete a Transferred Template

When you delete a transferred template, it is deleted only from your Label Printer. It is not deleted from P-touch Editor or from your database.

1. Press .
2. Press ▲ or ▼ to display [Transferred Templates], and then press **OK**.
3. Press ▲ or ▼ to select the template you want to delete, and then press **OK**.
4. Press ▲ or ▼ to display [Delete], and then press **OK**.

   The [Delete?] message appears.
5. Press **OK**.

Related Information

- Print Transferred Templates

Print Transferred Database Data

You can transfer a database converted to a CSV file to your Label Printer, customise your text, and then print the updated labels.

- Make sure the database you transfer to your Label Printer does not have a template assigned to it.
- The database data is imported into each labelling application type, according to the number of blocks and labels set for each type.
- If the selected database range is larger than the number of blocks and labels set for each labelling application type, the data is imported until its maximum number is reached.

The table below shows the printed results for each labelling application type when the databases such as the following examples are imported.

Example 1

number	name (1)	type	length	Block No.
1A-B01	AA	a	10	#008
1A-B02	AB	b	20	#009
1A-B03	AC	c	30	#010
1A-B04	AD	d	40	#011
1A-B05	AE	e	50	#012
1A-B06	AF	f	60	#013
1A-B07	AG	g	70	#014
1A-B08	AH	h	80	#015
1A-B09	AI	i	90	#016

Example 2

number	name (2)	type	length	Block No.
1A-B01	AA	a	10	#008
1A-B02	AB	b	20	#009
1A-B03	AC	c	30	#010
1A-B04	AD	d	40	#011
1A-B05	AE	e	50	#012
1A-B06	AF	f	60	#013
1A-B07	AG	g	70	#014
1A-B08	AH	h	80	#015
1A-B09	AI	i	90	#016

1,2 Selected range in database

Labelling Application Type	Data Import Method	Printed Result < Example 1 >	Printed Result < Example 2 >
General	For each label separately	AA | AB | AC | AD	AA | a | AB | b
Faceplate	For each label separately	(When 2 blocks are set per label) AA AB | AC AD	(When 2 blocks are set per label) AA a | AB b
Cable Wrap	For each label separately	AA AA AA | AB AB AB | AC AC AC | AD AD AD	AA AA AA | a a a | AB AB AB | b b b
Cable Flag	For each label separately	AA AA | AB AB	AA AA | a a
	For each block separately	AA AB | AC AD	AA a | AB b
Patch Panel	For each block separately	AA AB AC AD AE AF	AA a AB b AC c
Punch Block	For each block separately	AA AB AC AD AE AF AG	AA a AB b AC c AD d

>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT

1. Press the button for the labelling application type you want to print.

2. Press , and then press .
3. Press ▲ or ▼ to select the database you want to print, and then press **OK**.
   The selected database appears on the LCD.
4. Press ◀, ▶, ▲, or ▼ to select the first record in the range you want to print, and then press **OK**.
5. Press ◀, ▶, ▲, or ▼ to select the last record in the range you want to print, and then press **OK**.
   The records in the selected range are highlighted on the LCD.
6. Press .

PT-E510/PT-E560BT

1. Press the labelling application type button you want to print.
2. Press .
3. Press ▲ or ▼ to select the database you want to print, and then press **OK**.
   The selected database appears on the LCD.
4. Press ◀, ▶, ▲, or ▼ to select the first record in the range you want to print, and then press **OK**.
5. Press ◀, ▶, ▲, or ▼ to select the last record in the range you want to print, and then press **OK**.
   The records in the selected range are highlighted on the LCD.
6. Press .

Related Information

- Print Labels
  - Edit a Transferred Database
  - Delete a Transferred Database

Related Topics:

- Create Labels Using Labelling Application Type
- Transfer Templates to the Printer Using Your Computer (Windows)

Edit a Transferred Database

>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT

1. Press , and then press .
2. Press ▲ or ▼ to select the database you want to edit, and then press **OK**.
   The selected database appears on the LCD.
3. Press ▲ or ▼ to select the cell you want to edit, and then press and hold **OK**.
4. Edit the cell, and then press **OK**. To cancel editing, press **Esc**, and then press **OK**.

- You can add or delete a line break.
- The number of available symbols you can use is limited.
- Each cell can contain up to five lines.

5. Press **Esc**.
   Your changes to the database is saved.

PT-E510/PT-E560BT

1. Press .
2. Press ▲ or ▼ to select the database you want to edit, and then press **OK**.
   The selected database appears on the LCD.
3. Press ▲ or ▼ to select the cell you want to edit, and then press and hold **OK**.
4. Edit the cell, and then press **OK**. To cancel editing, press **Esc**, and then press **OK**.

- You can add or delete a line break.
- The number of available symbols you can use is limited.
- Each cell can contain up to seven lines.

5. Press **Esc**.
   Your changes to the database is saved.

Related Information

- Print Transferred Database Data
  - Find Specific Information within a Database

Find Specific Information within a Database

>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT

1. Press ⇧, and then press A B C D E F.
2. Press ▲ or ▼ to select the database you want to print, and then press **OK**.
   The selected database appears on the LCD.
3. Type the data or name you want to find.
   For example, type 'B' to find any character strings containing 'B'. Type 'BR' to find any character strings containing 'BR'.
   Type as many letters or numbers as needed.

- If a string contains the character you typed, the cursor on the LCD moves to that content and highlights it. If the content does not exist, the cursor remains in its current position.
- If the character you searched for is contained in multiple fields in the database, press ⇧, and then press A B C D E F to move to the next field containing the character. The character is highlighted in the field.
- Press ⌫ to delete the last character in your search data. The cursor moves to the next field containing the remaining search characters.

PT-E510/PT-E560BT

1. Press ABC.
2. Press ▲ or ▼ to select the database you want to print, and then press **OK**.
   The selected database appears on the LCD.
3. Type the data or name you want to find.
   For example, type 'B' to find any character strings containing 'B'. Type 'BR' to find any character strings containing 'BR'.
   Type as many letters or numbers as needed.

- If a string contains the character you typed, the cursor on the LCD moves to that content and highlights it. If the content does not exist, the cursor remains in its current position.
- If the character you searched for is contained in multiple fields in the database, press ABC to move to the next field containing the character. The character is highlighted in the field.
- Press ⌫ to delete the last character in your search data. The cursor moves to the next field containing the remaining search characters.

Related Information

- Edit a Transferred Database

Delete a Transferred Database

>> PT-E310BT
>> PT-E510/PT-E560BT

PT-E310BT

1. Press , and then press .
2. Press ▲ or ▼ to select the database you want to delete, and then press .

   The `[Delete?]` message appears.
3. Press **OK**.

PT-E510/PT-E560BT

1. Press .
2. Press ▲ or ▼ to select the database you want to delete, and then press .

   The `[Delete?]` message appears.
3. Press **OK**.

Related Information

- Print Transferred Database Data

Use the File Memory

- Save a Label File
- Print, Open, or Delete a Saved Label File

Save a Label File

You can save up to 99 label files and recall them for printing at a later date. You can edit and overwrite saved labels.

1. Enter the text and format your label.
2. Press .
3. Select [Local Files], if it appears.
4. Press ▲ or ▼ to display [Save], and then press **OK**.
5. Press ▲ or ▼ to select a file, and then press **OK**.
6. Enter the file name, and then press **OK**.

NOTE

To confirm the available space in the file memory, do the following:

a. Press **Menu**.
b. Press ▲ or ▼ to display [Memory Usage], and then press **OK**.
c. Press ▲ or ▼ to select [Local Content], and then press **OK**.

Related Information

- Use the File Memory

Print, Open, or Delete a Saved Label File

1. Press .
2. Select [Local Files], if it appears.
3. Do one of the following:

Option	Description
Print	a. Press ▲ or ▼ to display Print, and then press **OK**. b. Press ▲ or ▼ to select a file, and then press **OK**. c. If the selection screen appears, select All or Range, and then press **OK**.
Open	a. Press ▲ or ▼ to display Open, and then press **OK**. b. Press ▲ or ▼ to select a file, and then press **OK**.
Delete	a. Press ▲ or ▼ to display Delete, and then press **OK**. b. Press ▲ or ▼ to select a file, and then press **OK**. The Delete? message appears. c. Press **OK**.

Related Information

- Use the File Memory

Create and Print Labels Using Your Computer

- Create and Print Labels Using P-touch Editor (Windows)
- Create and Print Labels Using P-touch Editor (Mac)
- Print Labels Using the Printer Driver (Windows)

Create and Print Labels Using P-touch Editor (Windows)

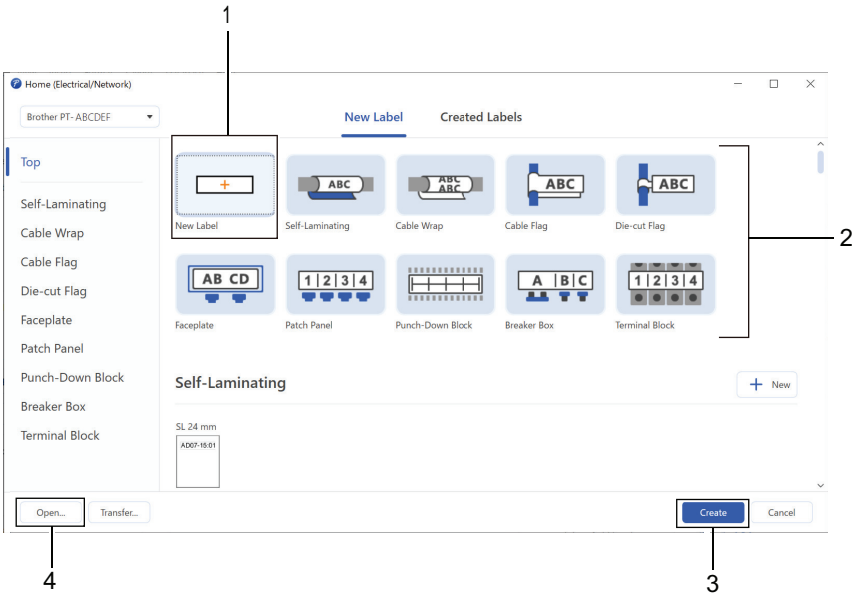
To use your Label Printer with your Windows computer, install your model's printer driver and P-touch Editor on your computer.

For the latest drivers and software, go to your model's **Downloads** page at support.brother.com/downloads.

1. Start P-touch Editor .

   Click **Start** > **Brother P-touch** > **P-touch Editor**, or double-click the **P-touch Editor** icon on the desktop.

   *Depending on your computer's operating system, the Brother P-touch folder may or may not be created.
2. Make sure your model's name is selected on the Home screen.
3. Do one of the following:
   - To create a new layout, click the **New Label** tab, and then click the **New Label** button (1).
   - To create a new layout using a preset layout, click the **New Label** tab, and then click a category button (2), select a template, and then click **Create** (3).
   - To open an existing layout, click **Open** (4).



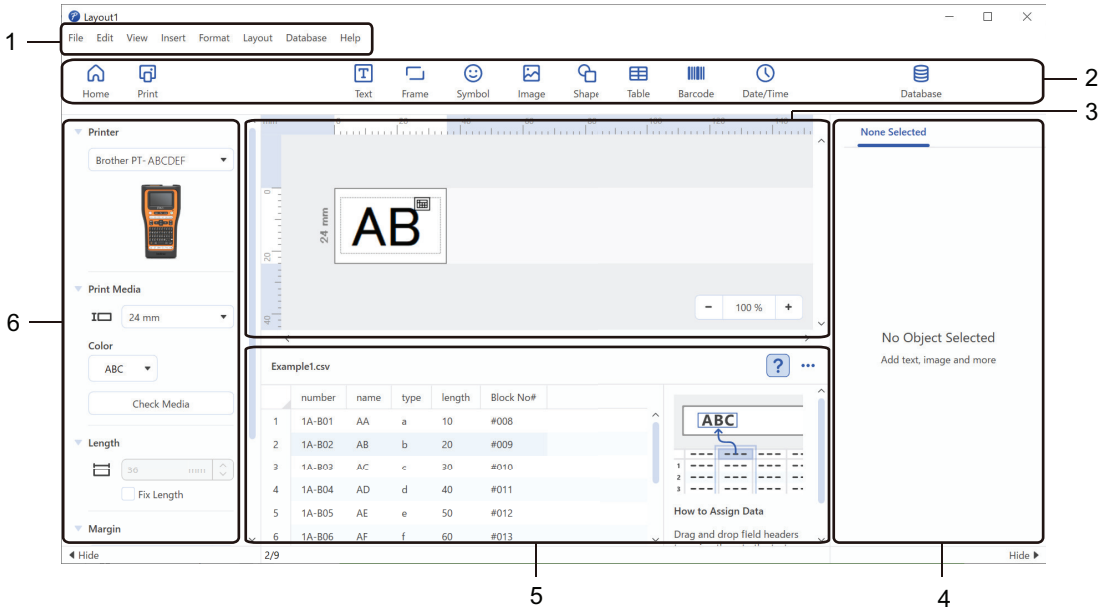
4. Click the **Print** icon.
5. Select the print settings you want, and then click **Print**.

To change how P-touch Editor starts, open P-touch Editor and click **File** > **Options**. Select the **Mode** option on the left side of the screen, and then select the **Home/Office** or **Electrical/Network** option. Click **OK** to apply the setting.

Related Information

- Create and Print Labels Using Your Computer
  - Main Window of P-touch Editor (Windows)

Main Window of P-touch Editor (Windows)



1. Menu Bar
2. Toolbar
3. Layout Window
4. Object Inspector
5. Database Connection Area
6. Label Inspector

Related Information

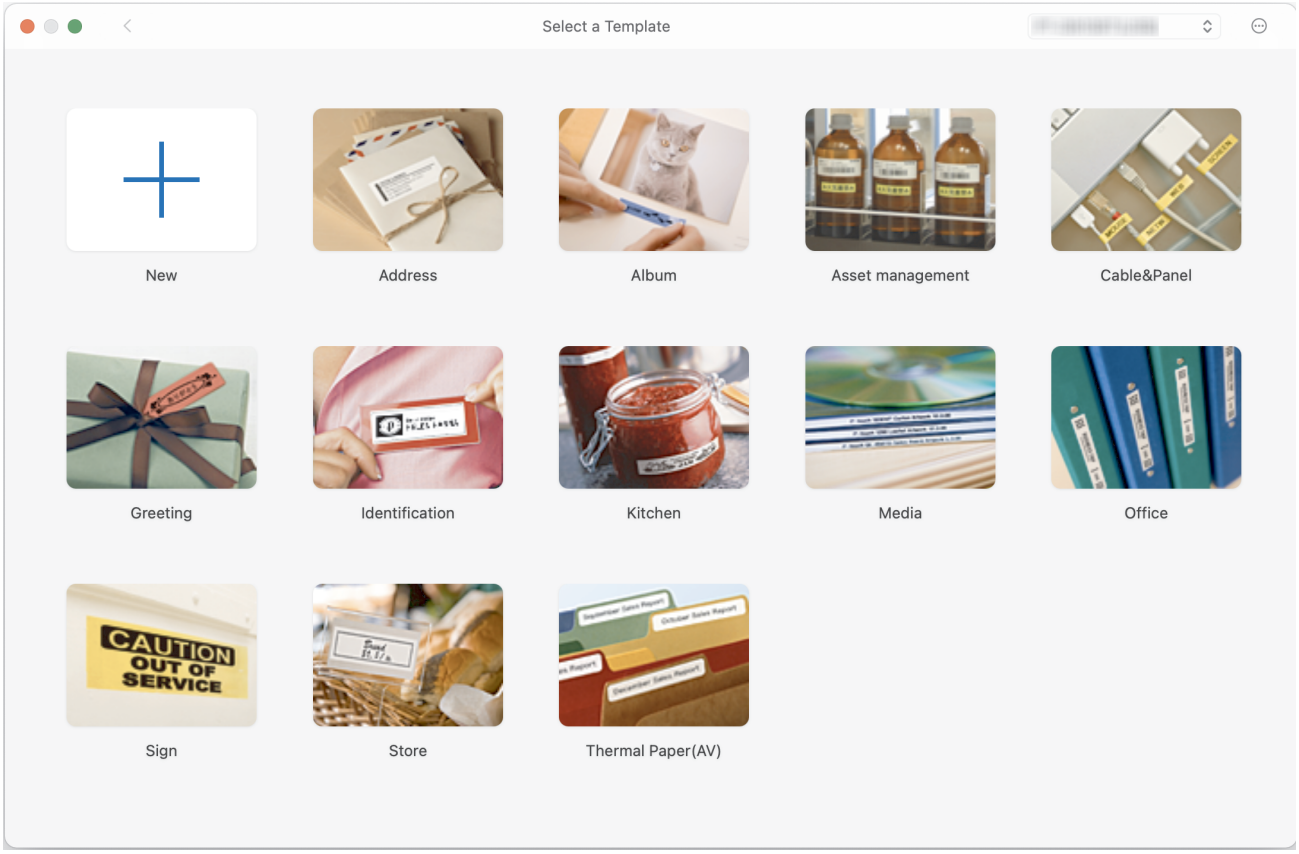
- Create and Print Labels Using P-touch Editor (Windows)

Create and Print Labels Using P-touch Editor (Mac)

Download and install P-touch Editor from the App Store on your Mac.

To use your Label Printer with your Mac computer, install P-touch Editor.

1. Double-click **Macintosh HD** > **Applications**, and then double-click the **Brother P-touch Editor** icon.
2. When P-touch Editor starts, click **New** to select a template, create a new layout, or open an existing layout.

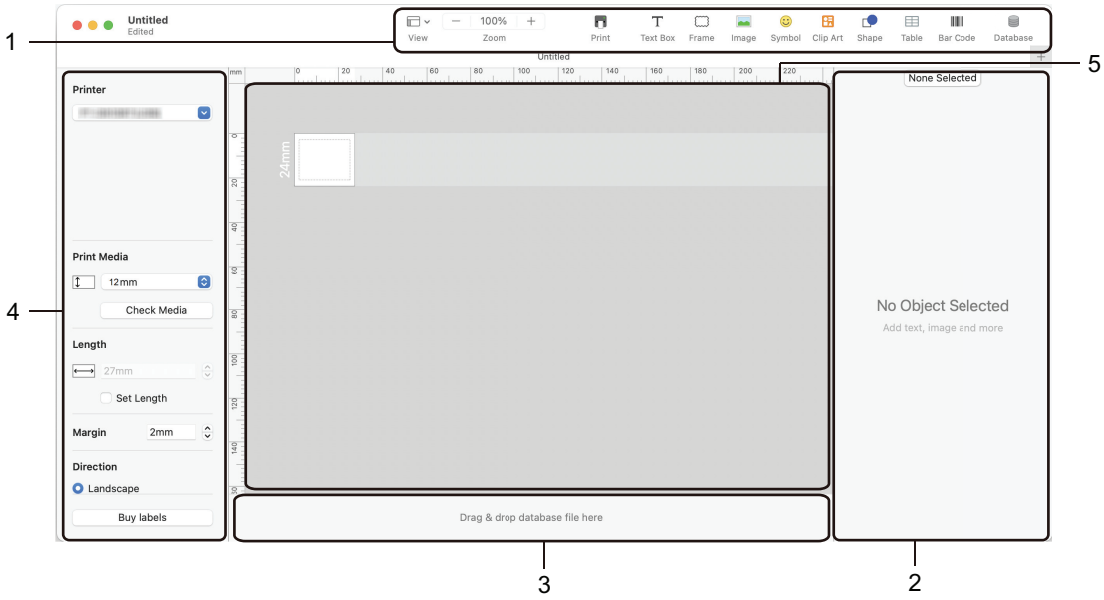


3. Click the **Print** icon.
4. Select the print settings you want, and then click **Print**.

Related Information

- Create and Print Labels Using Your Computer
  - Main Window of P-touch Editor (Mac)

Main Window of P-touch Editor (Mac)



1. Toolbar
2. Object Inspector
3. Database Connection Area
4. Label Inspector
5. Layout Window

Related Information

- Create and Print Labels Using P-touch Editor (Mac)

Print Labels Using the Printer Driver (Windows)

Make sure you have installed the printer driver.
For the latest drivers and software, go to your model's **Downloads** page at support.brother.com/downloads.

1. Connect the Label Printer to a computer.
2. Open the document you want to print.
3. Select the print command in your application.
4. Select your Label Printer, and then click the printer's properties or preferences button.
   The printer driver window appears.
5. Change the printer driver settings, if needed.
6. Click **OK**.
7. Complete your print operation.

Related Information

- Create and Print Labels Using Your Computer

Related Topics:

- Connect the Label Printer to a Computer Using a USB Type-C Cable
- Enable or Disable Bluetooth
- Install the Printer Driver and Software on a Computer (Windows)

Transfer Templates to the Printer Using Your Computer (Windows)

- Notes on Using Transfer Functions (Windows)
- Transfer a Template or Other Data from the Computer to the Printer (Windows)
- Back up Templates or Other Data Saved in the Printer to Your Computer (Windows)
- Delete Printer Data from Your Computer (Windows)
- Create Transfer Files or Transfer Package Files (Windows)

Notes on Using Transfer Functions (Windows)

Some P-touch Editor functions are not available with the printer, so keep the following points in mind when using P-touch Editor to create templates.

You can preview created templates before they are transferred to the printer.

Creating Templates

- Some of the text in the templates transferred to the printer may be printed using similar fonts and character sizes loaded in the printer. As a result, the printed label may differ from the image of the template created in P-touch Editor.
- Depending on the text object setting, the character size may be automatically reduced or some of the text may not be printed. If this occurs, change the Text Object setting.
- Although character styles can be applied to individual characters in P-touch Editor, styles can be applied to a block of text only from the printer. In addition, some character styles are not available on the printer.
- Backgrounds specified in P-touch Editor are not compatible with the printer.
- The P-touch Editor layout using the split printing function (enlarging the label and printing it on two or more labels) cannot be transferred.
- Only the portion of the label within the printable area is printed.

Transferring Templates

- The printed label may differ from the image in the preview area of P-touch Editor.
- If a two-dimensional barcode that the printer does not support is transferred to the printer, the barcode is converted into an image. The image of the converted barcode cannot be edited. This printer supports only a QR code or Data Matrix.
- A QR code or Data Matrix must be created using standard alphanumeric characters and numbers. If the barcode includes special characters when it is transferred, the printer cannot create the barcode correctly.
- All transferred objects that cannot be edited by the printer are converted into images.
- Grouped objects are converted into a single bitmap.
- If objects overlap, only the bottom object is printed.

Transferring Data Other Than Templates

If the number or order of fields in a database is changed and only the database (CSV file) is transferred to update it, the database may not link correctly to the template. The first line of data in the transferred file must be recognised by the printer as "field names".

Transferring a Template and Database Together

The latest P-touch Editor supports LBXS files with which a template and database can be transferred as a single file.

Related Information

- Transfer Templates to the Printer Using Your Computer (Windows)

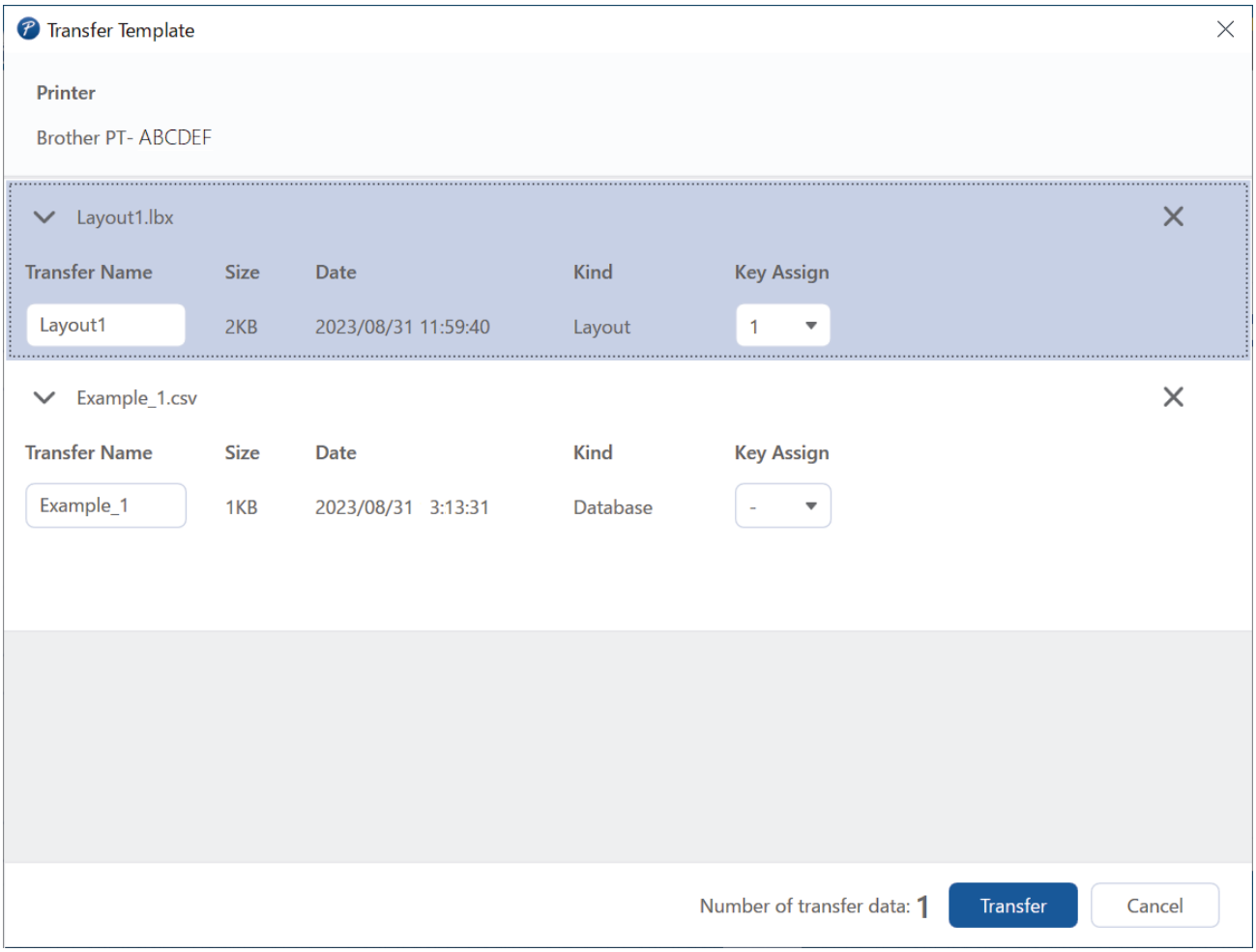
Transfer a Template or Other Data from the Computer to the Printer (Windows)

1. Connect the printer to the computer using a USB cable, and then turn the printer on.
2. Start P-touch Editor .

   Click **Start** > **Brother P-touch** > **P-touch Editor**, or double-click the **P-touch Editor** icon on the desktop.

   *Depending on your computer's operating system, the Brother P-touch folder may or may not be created.
3. Make sure your model's name is selected on the Home screen.
4. Open the template you want or create a new layout.
5. Click **File** > **Transfer Template**.

   The Transfer window appears. The template is listed in the window.



6. To change the **Key Assign** number (memory location in the printer) assigned to an item, click the item you want, and then select the number.

NOTE

- The database is not assigned a Key Assign number.
- The printer will overwrite any previously saved template that has the same key number as a new template being transferred to it.

7. To change the transfer name of the template or other data, click the item you want, and then type the new name.

   The number of characters differs depending on the printer model.

8. Make sure the template or other data you want to transfer is selected in the file list, and then click **Transfer**.
9. Click **OK**.

   The selected items are transferred to the printer.

You can transfer multiple templates or other data at the same time. For more information, see *Related Information*.

Related Information

- Transfer Templates to the Printer Using Your Computer (Windows)
  - Transfer Multiple Items from the Computer to the Printer (Windows)

Related Topics:

- Print Transferred Templates
- Print Transferred Templates from a Database
- Print Transferred Database Data

Transfer Multiple Items from the Computer to the Printer (Windows)

When you transfer multiple items using P-touch Editor, follow these guidelines.

Data type	Maximum number of transferable items	Details
Template	99	• Each template can contain a maximum of 50 objects. • The maximum number of lines that can contain each object differs depending on your printer model.
Database	99	• Only CSV files can be transferred. • Each CSV file can contain a maximum of 255 fields and 65,000 records.

1. Connect the printer to the computer using a USB cable, and then turn the printer on.
2. Start P-touch Editor .

   Click **Start** > **Brother P-touch** > **P-touch Editor**, or double-click the **P-touch Editor** icon on the desktop.

   *Depending on your computer's operating system, the Brother P-touch folder may or may not be created.
3. Make sure your model's name is selected on the Home screen, and then click **Transfer**.
4. In the **Transfer** window, click **Browse...** and specify the items you want to transfer.

   The specified items appear in the file list.
5. Make sure the items you want to transfer are selected in the file list, and then click **Transfer**.
6. Click **OK**.

   The selected items are transferred to the printer.

Related Information

- Transfer a Template or Other Data from the Computer to the Printer (Windows)

Related Topics:

- Print Transferred Templates
- Print Transferred Templates from a Database
- Print Transferred Database Data

Back up Templates or Other Data Saved in the Printer to Your Computer (Windows)

Use P-touch Transfer Manager to back up templates or other data saved in the printer to your computer. P-touch Transfer Manager is installed with P-touch Editor 5.4, which may be an earlier version of P-touch Editor than you are currently using. To download P-touch Editor 5.4, search for the applicable **FAQs & Troubleshooting** tip at support.brother.com.

- Backed-up templates and other data cannot be edited on the computer.
- Depending on the printer model, backed-up templates and data may not be transferable between different models.

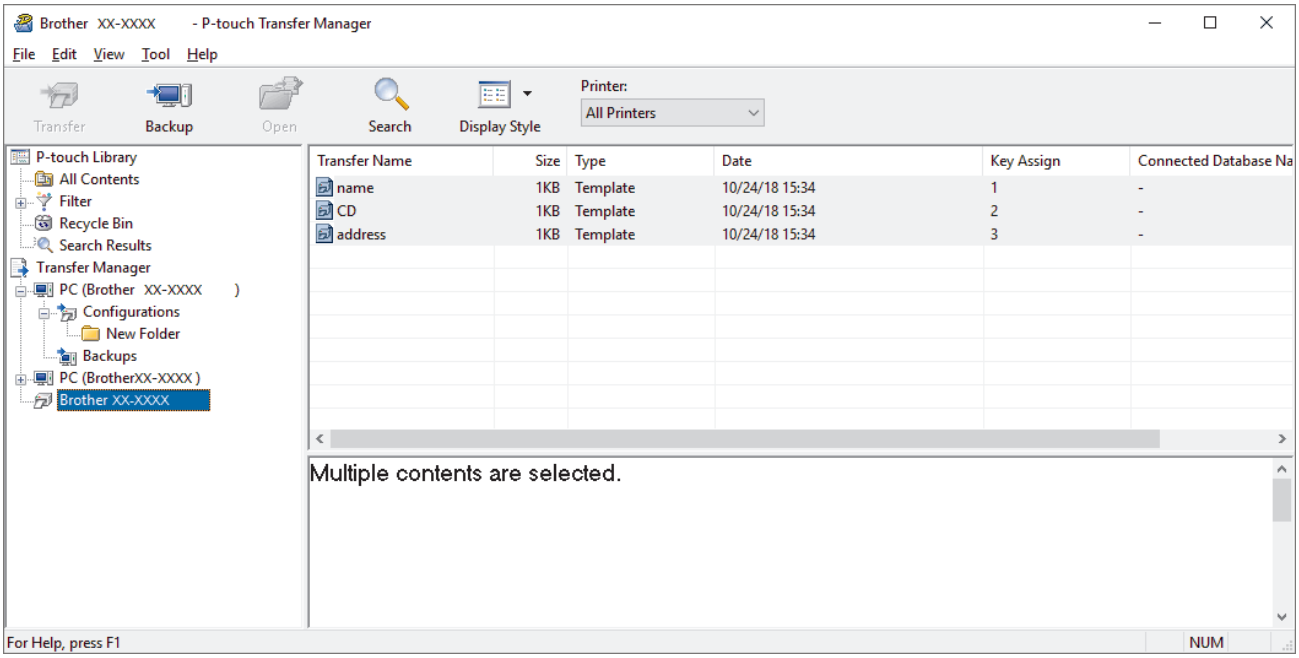
1. Start P-touch Editor 5.4.

   Click **Start** > **Brother P-touch** > **P-touch Editor**, or double-click the **P-touch Editor** icon on the desktop.

   *Depending on your computer's operating system, the Brother P-touch folder may or may not be created.
2. Open the P-touch Transfer Manager window.

   Click **File** > **Transfer Template** > **Transfer**.
3. Connect your computer to the Label Printer and turn the Label Printer on.

   The printer model name appears next to a printer icon in the folder view of the P-touch Transfer Manager window.
4. Select the printer to back up from, and then click **Backup**.



   A confirmation message appears.
5. Click **OK**.

   A new folder is created under the printer in the folder view. The folder name is based on the date and time of the backup. All of the printer's templates and other data are transferred to the new folder and saved on your computer.

Related Information

- Transfer Templates to the Printer Using Your Computer (Windows)

Delete Printer Data from Your Computer (Windows)

Use P-touch Transfer Manager to delete printer data from your computer. P-touch Transfer Manager is installed with P-touch Editor 5.4, which may be an earlier version of P-touch Editor than you are currently using. To download P-touch Editor 5.4, search for the applicable **FAQs & Troubleshooting** tip at support.brother.com.

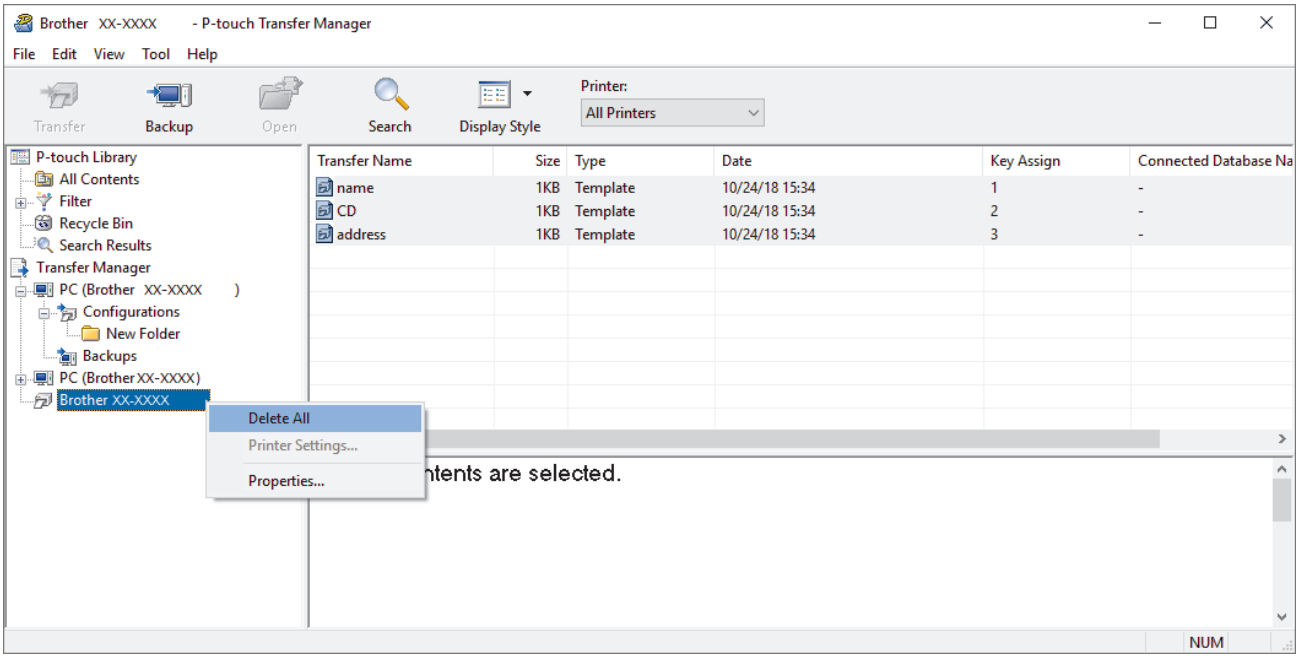
1. Start P-touch Editor 5.4.

   Click **Start** > **Brother P-touch** > **P-touch Editor**, or double-click the **P-touch Editor** icon on the desktop.

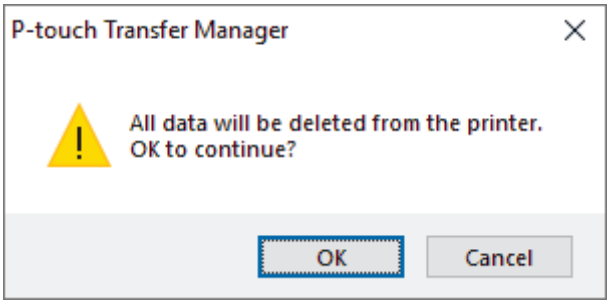
   *Depending on your computer's operating system, the Brother P-touch folder may or may not be created.
2. Open the P-touch Transfer Manager window.

   Click **File** > **Transfer Template** > **Transfer**.
3. Connect your computer to the Label Printer and turn the Label Printer on.

   The printer model name appears next to a printer icon in the folder view of the P-touch Transfer Manager window.
4. Right-click the printer, and then select the **Delete All** menu.



   A confirmation message appears.



5. Click **OK**.

   All templates and other data saved on the printer are deleted.

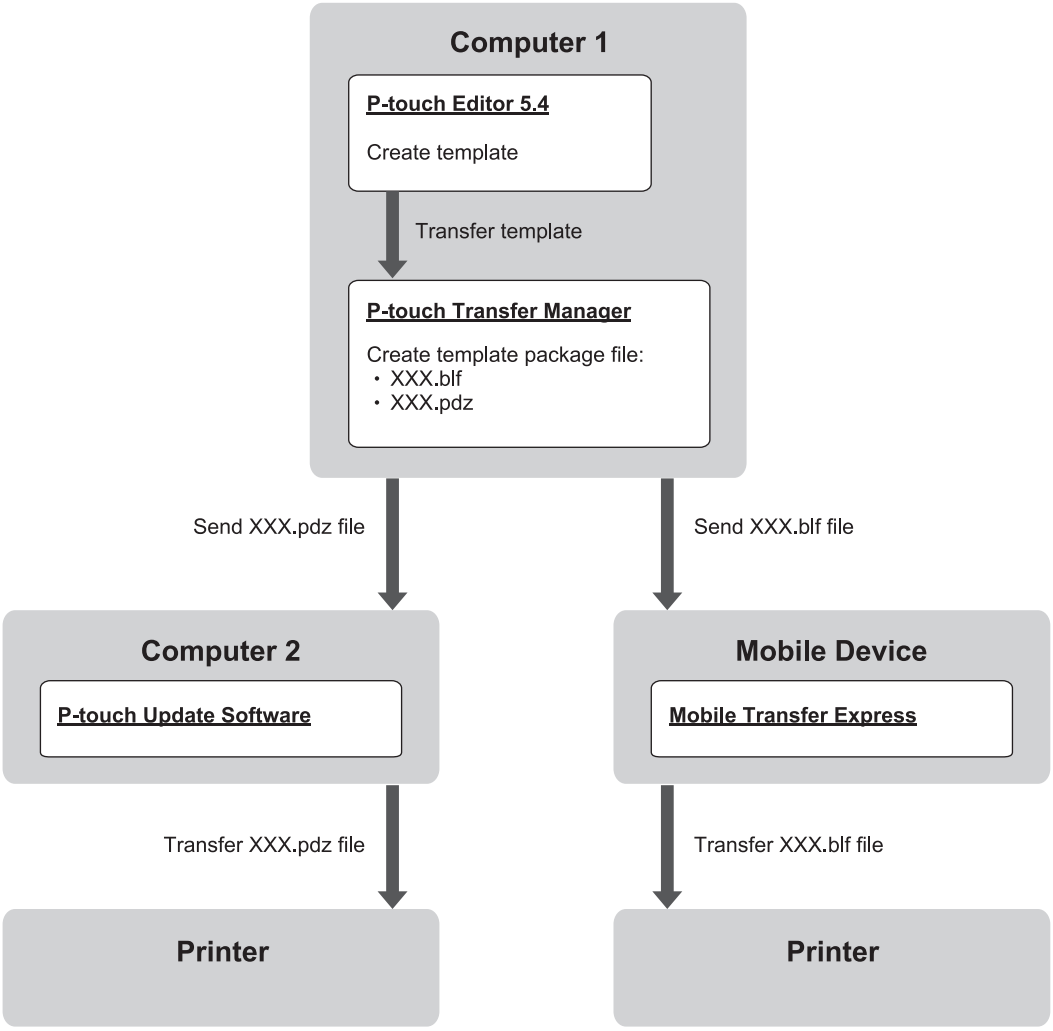
Related Information

- Transfer Templates to the Printer Using Your Computer (Windows)

Create Transfer Files or Transfer Package Files (Windows)

Create transfer files (BLF) or transfer package files (PDZ) with templates enclosed, so that these templates can be used on other remote printers.

Use P-touch Transfer Manager to create transfer files or transfer package files. P-touch Transfer Manager is installed with P-touch Editor 5.4, which may be an earlier version of P-touch Editor than you are currently using. To download the P-touch Editor 5.4, search for the applicable **FAQs & Troubleshooting** tip at support.brother.com.



Template Transfer Method		File Format
From a computer	P-touch Update Software	PDZ
From a mobile device	Mobile Transfer Express	BLF

1. Start P-touch Editor 5.4.
   Click **Start** > **Brother P-touch** > **P-touch Editor**, or double-click the **P-touch Editor** icon on the desktop.
   *Depending on your computer's operating system, the Brother P-touch folder may or may not be created.
2. Create a template using P-touch Editor 5.4.
3. Open the P-touch Transfer Manager window from the P-touch Editor 5.4.
   Click **File** > **Transfer Template** > **Transfer**.
   The P-touch Transfer Manager window appears. The template is transferred to the **Configurations** folder.

4. Without connecting the Label Printer to the computer, select the **Configurations** folder in the P-touch Transfer Manager window, and then select the template you want to save.

You can select multiple templates at the same time.

5. Click **File** > **Save Transfer File**.

NOTE

The **Save Transfer File** button appears when the Label Printer is disconnected from the computer or it is offline.

- If you click the **Save Transfer File** button after selecting the **Configurations** folder, all templates in the folder are saved as a Transfer file (BLF) or Transfer Package file (PDZ).
- You can combine multiple templates into a single Transfer file (BLF) or Transfer Package file (PDZ).

6. In the **Save as type** field, select the transfer file format you want, and then type the name and save the template.
7. When using your computer to transfer the transfer package file (PDZ) to your Label Printer, use P-touch Update Software.
   a. Click **Start** > **Brother P-touch** > **P-touch Update Software**, or double-click the **P-touch Update Software** icon on the desktop.
   b. Click **Firmware update**.
   c. Click the **Printer** drop-down list, select your printer, and then click **OK**.
   d. Click **File** > **Open**, and specify the file you want to transfer.
   e. Select the specified file from the file list, and then click the **Transfer** button.
8. When using your mobile device to transfer the Transfer file (BLF), see *Related Topics*: *Transfer Templates Created on a Computer to the Printer Using a Mobile Device*.

Related Information

- Transfer Templates to the Printer Using Your Computer (Windows)

Related Topics:

- Transfer Templates Created on a Computer to the Printer Using a Mobile Device

Print Labels Using Mobile Devices

Related Models: PT-E310BT/PT-E560BT

- Install Mobile Apps
- Create Labels and Print Them Using a Mobile Device
- Transfer Templates Created on a Computer to the Printer Using a Mobile Device

Install Mobile Apps

Related Models: PT-E310BT/PT-E560BT

Use Brother applications to print directly from your iPhone, iPad, iPod touch, and Android™ mobile devices, and to transfer data including templates, symbols, and databases created using a computer, to your printer via Bluetooth.

App	Features
Brother Pro Label Tool	Create labels for telecoms, datacoms, or electrical identifications on demand.
Mobile Transfer Express	Transfer compatible label templates, databases, and images to your printer using P-touch Transfer Manager (Windows).

For more information about the mobile apps available for your printer, visit https://support.brother.com/g/d/f5f9.

Related Information

- Print Labels Using Mobile Devices

Create Labels and Print Them Using a Mobile Device

Related Models: PT-E310BT/PT-E560BT

1. Start the label printing app on your mobile device.
2. Select a label template or design.

   You can also select a previously designed label or image and print it.
3. Select the print menu in the label printing app to print your label.

Related Information

- Print Labels Using Mobile Devices

Transfer Templates Created on a Computer to the Printer Using a Mobile Device

Related Models: PT-E310BT/PT-E560BT

Use P-touch Transfer Manager to save template data created using P-touch Editor 5.4 in either BLF or PDZ format. Use Mobile Transfer Express to send the saved file from your mobile device to the printer and print it.

- P-touch Transfer Manager is installed with P-touch Editor 5.4, which may be an earlier version of P-touch Editor than you are currently using. To download the P-touch Editor 5.4, search for the applicable **FAQs & Troubleshooting** tip at support.brother.com.
- Make sure Mobile Transfer Express is installed on your mobile device.

1. Save the template data using P-touch Transfer Manager.

   For more information, see *Related Topics*: *Create Transfer Files or Transfer Package Files (Windows)*

2. Do one of the following:
   - Save the file to a cloud storage service, and then share it using the Mobile Transfer Express app on your mobile device.
   - Send the file as an email attachment from your computer to a mobile device, and then save the file to the mobile device.
3. Connect the printer to your mobile device, and then start Mobile Transfer Express.

   The template data appears.
4. Select the template you want to print, and then tap **Transfer** to transfer the template to the printer.

Related Information

- Print Labels Using Mobile Devices

Related Topics:

- Create Transfer Files or Transfer Package Files (Windows)

Update

- Update P-touch Editor
- Update the Firmware

Update P-touch Editor

Before updating P-touch Editor, install the printer driver.

>> Windows
>> Mac

Windows

1. Start P-touch Editor .

   Click **Start** > **Brother P-touch** > **P-touch Editor**, or double-click the **P-touch Editor** icon on the desktop.

   *Depending on your computer's operating system, the Brother P-touch folder may or may not be created.
2. Click the **New Label** tab, and then click the **New Label** button to open the main window.
3. Click **Help** > **Check for Updates**.
4. If the update is available, a confirmation message will appear. Click **Download**.

Mac

To update P-touch Editor for Mac, visit App Store and check if the update is available.

Related Information

- Update

Update the Firmware

- Do not turn the power off or disconnect the cable when transferring data or updating firmware.
- If any other application is running, exit the application.

>> Windows
>> Mac

Windows

Before updating the firmware, you must first install the printer driver.

1. Turn the Label Printer on and connect the USB cable.
2. Make sure your computer is connected to the Internet.
3. Start the P-touch Update Software.

   Click **Start** > **Brother P-touch** > **P-touch Update Software**, or double-click the **P-touch Update Software** icon on the desktop.
4. Click the **Firmware update** icon.
5. Click the **Printer** drop-down list, select your printer, and then click **OK**.
6. Select **Language** from the drop-down list.
7. Select the checkbox next to the firmware you want to update, and then click **Transfer**.
8. Click **Start**.

   The firmware update begins.

NOTE

You may need to re-establish Bluetooth connection after firmware updates. Delete the Bluetooth connection information, and perform pairing again.

Mac

Download and install Transfer Express from the App Store to update the firmware.

1. Turn the Label Printer on and connect the USB cable.
2. Make sure your computer is connected to the Internet.
3. Double-click **Macintosh HD** > **Applications**, and then double-click the **Transfer Express** icon.
4. Click the **Choose a printer** pop-up menu, and then select your printer from the printer list.
5. Click the **Download and Update** button.

   The firmware update begins.

NOTE

You may need to re-establish Bluetooth connection after firmware updates. Delete the Bluetooth connection information, and perform pairing again.

Related Information

- Update

Routine Maintenance

- Maintenance

Maintenance

Always remove the battery and disconnect the AC Adapter before cleaning the Label Printer.

>> Clean the Unit
>> Clean the Print Head
>> Clean the Tape Cutter

Clean the Unit

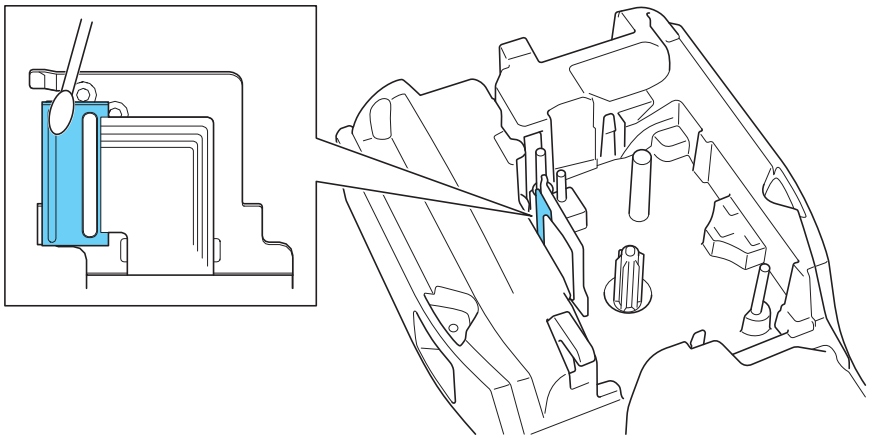
1. Wipe any dust and marks from the Label Printer using a soft, dry cloth.
2. Use a slightly dampened cloth on difficult to remove marks.

Do not use paint thinner, benzene, alcohol, or any other organic solvent. These may deform or damage the case of your Label Printer.

Clean the Print Head

Streaks or poor quality characters on printed labels generally indicate that the Print Head is dirty.

Clean the Print Head using a cotton swab or the optional Print Head Cleaning Cassette (TZe-CL4).

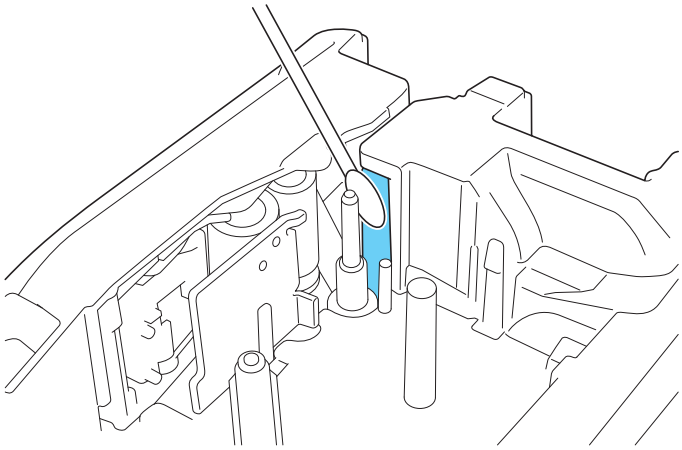


- Do not touch the Print Head directly with your bare hands.
- Read and follow the instructions provided with the Print Head Cleaning Cassette.

Clean the Tape Cutter

Tape adhesive can build up on the cutter blade after repeated use, taking the edge off the blade, which may result in the tape jamming in the cutter.

About once a year, wipe the cutter blade using a cotton swab moistened with Isopropyl alcohol (rubbing alcohol).



- Do not touch the cutter blade directly with your bare hands.
- Use isopropyl alcohol according to the manufacturer's guidelines.

Related Information

- Routine Maintenance

Troubleshooting

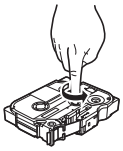
- If You Are Having Difficulty with Your Label Printer
- Error and Maintenance Messages
- Adjust the Label Length
- Check the Version Information
- Reset the Label Printer

If You Are Having Difficulty with Your Label Printer

This chapter explains how to resolve typical problems you may encounter when using the Label Printer.

If you still have problems, see *Related Information*. If after reading the topics you are unable to resolve the problem, visit the Brother support website at support.brother.com/faqs.

Problem	Solution
The Label Printer does not print.	• Check that the Tape Cassette is inserted correctly. • If the Tape Cassette is empty, replace it. To order supplies and accessories, visit go.brother/original. • Check that the Rear Cover is securely closed. • Check that the Label Printer is on. • (Supported models only) Check that the computer's or mobile device's Bluetooth setting is on. • (Supported models only) Check that the Label Printer is connected to the computer or your mobile device via Bluetooth. • (Supported models only) Check that your Label Printer is selected in the Brother mobile app. • (Supported models only) Check that the Label Printer is not paired with another device via Bluetooth. • (Supported models only) Make sure the Label Printer and your mobile device or computer are close enough to communicate wirelessly. • (Supported models only) Check that the Bluetooth is not set to automatically reconnect with another computer or mobile device. • Make sure no devices that emit radio waves (for example, a microwave oven) are located nearby. • Check that the correct printer driver is installed when printing from a computer. • Connect the Label Printer to your computer using the USB Cable (included) when printing from a computer. • If the Print Head is dirty, clean it with a cotton swab or optional Print Head Cleaning Cassette (TZe-CL4).
• The tape does not feed correctly. • The tape gets stuck inside the Label Printer.	• If the tape is bent, cut off the bent section. • If the tape is jammed, remove the Tape Cassette, remove the jammed tape, and then cut off any damaged tape. To avoid tape jams, clean the Tape Cutter. See *Related Topics*. • Check that the end of the tape exits through the Tape Guide. • Confirm that the tape is pointed at the Tape Exit Slot. • Remove the Tape Cassette and reinstall it.
An error occurred when using a mobile app.	Go to your mobile application's settings menu and select **Support** > **FAQs & Troubleshooting**.
The LCD is not responding.	Disconnect the AC Adapter and remove the battery for at least 10 minutes.
The LCD remains blank after turning the power on.	Check that the battery is correctly installed and the AC Adapter is correctly connected.
The LCD messages are displayed in a foreign language.	Set the LCD language you want. For more information, see *Related Topics*.
The Label Printer stops while printing a label.	• If striped tape is visible, this indicates that you have reached the end of the tape. Replace the Tape Cassette. • Replace the battery or connect the AC Adapter directly to the Label Printer.
• I cannot install the Printer Driver even if I follow the correct procedure. (Windows)	If you cannot use your Label Printer even though you have installed the Printer Driver: 1. Download the Printer Driver Uninstaller from your model's **Downloads** page at support.brother.com. 2. Use the Printer Driver Uninstaller to remove the printer information.

Problem	Solution
• I cannot see my printer listed in P-touch Editor even though I have installed the Printer Driver. (Windows)	3. Run the Printer Driver Installer again and follow the on-screen instructions to proceed with the installation.
The ink ribbon is separated from the ink roller.	If the ink ribbon is damaged, replace the Tape Cassette. If it is not damaged, leave the tape uncut and carefully remove the Tape Cassette, and then wind the loose ink ribbon back onto the spool. 
Printed barcodes or QR codes cannot be read.	• Change the tape. (Recommended: Black on white tape) • Enlarge the barcodes or QR codes using your barcode application, if possible.
I do not know the version number of the firmware for the Label Printer.	You can confirm the firmware version number and other information on the LCD. For more information, see *Related Topics*.
When the label is printed, there is too much space (wide margin) on both sides of the text.	Change the cut option to a smaller margin. See *Related Topics*.
The font size cannot be increased.	The font is already the maximum size for the width of the label, or the label length has been set, so there is a limit on the font size to prevent exceeding the set length.
When multiple labels are printed, the last label is cut incorrectly.	When the Chain setting is enabled, feed and cut the last printed label. See *Related Topics*.
I cannot update the printer's firmware using the P-touch Update Software or Transfer Express.	Restart the printer and then try to update the firmware again. Do not press any buttons during the firmware update until the Home Screen is displayed automatically.
The Label Printer does not operate normally.	• Reset the printer to its factory settings. For more information, see *Related Topics*. • Disconnect the AC Adapter and remove the battery for at least 10 minutes.

Related Information

- Troubleshooting

Related Topics:

- Reset the Label Printer
- Set Language
- Check the Version Information
- Select a Cut Option (PT-E310BT)
- Select a Cut Option (PT-E510/PT-E560BT)
- Maintenance

Error and Maintenance Messages

Message	Cause/Remedy
Barcode error Record: XXXXX Field : XXXXX	There was an attempt to print barcode labels from a database. The Label Printer displays this message when the selected range of the database includes invalid characters or numbers not supported by the barcode protocol.
Barcode too wide	Reduce the barcode data, or try to use wider tape.
Battery damaged. Replace Li-ion Battery.	The Rechargeable Li-ion Battery is damaged. Replace the battery or use an AC adapter.
Battery empty	The battery has run out of charge. Recharge the Li-ion Battery.
Check no. of digits entered	The number of digits entered in the barcode data does not match the number of digits set in the barcode parameters. Enter the correct number of digits.
Cooling... wait ## mins and restart machine	The printer is too hot and needs to cool down. Wait for the number of minutes listed in the message, and then try again.
Cutter error	If the tape is jammed in the Cutter unit, remove the tape. Turn the Label Printer off and then on again before continuing.
Hi-Res Print not supported with this media	The tape currently installed cannot print in high resolution mode.
Length limit	The printed label length using the text entered is longer than 999 mm. Edit the text so that the label length is less than 999 mm.
Low Battery	The battery level is low. Recharge the Li-ion Battery.
Memory full reduce file size to proceed	The total data size exceeds the free space in the printer's memory after you have edited database records. Reduce the data size if you want to edit.
System error XX	Contact Brother customer service.
Text too long	The printed label length using the text entered is longer than the length setting. Edit the text to fit within the set length or change the length setting.

Related Information

- Troubleshooting

Adjust the Label Length

When the Tape Cassette is almost empty, the printed label length may be less accurate. In this case, adjust the label length manually.

Approximately 1% of the total label length is adjusted by one level.

1. Press **Menu**.
2. Press ▲ or ▼ to display `[Adjust Label Length]`.
3. Press ◀ or ▶ to display `[-3 - +3]`, and then press **OK**.

Related Information

- Troubleshooting

Check the Version Information

You can confirm the firmware version number and other information on your printer's LCD. You may need this information if you contact Brother with a query or regarding the warranty.

1. Press **Menu**.
2. Press ▲ or ▼ to display `[Version Information]`, and then press **OK**.

Related Information

- Troubleshooting

Reset the Label Printer

- Reset Using the LCD

Reset Using the LCD

1. Press **Menu**.
2. Press ▲ or ▼ to display [Reset], and then press **OK**.
3. Press ▲ or ▼ to display the reset option you want, and then press **OK**.
   A message appears asking you to confirm your reset option.
4. Press **OK**.

If using the [Reset All Settings] or [Factory Settings] reset options, you will need to set your preferred default language again after the reset.

Reset Options	Details
Reset All Settings	File memory is NOT cleared. Settings data is cleared and all settings are reset to the factory settings.
Erase All Content	File memory is cleared. Settings data is NOT cleared and settings remain as currently configured.
Factory Settings	File memory, labels, and customised settings are reset to the factory settings.

Related Information

- Reset the Label Printer

Appendix

- Specifications
- Brother Help and Customer Support

Specifications

>> Printing
>> Size
>> Interface
>> Environment
>> Power Supply
>> Media
>> Memory
>> Compatible Operating Systems

Printing

Print Speed [1]	**Using AC Adapter** [2]	• PT-E310BT Up to 20 mm/sec. • PT-E510/PT-E560BT Up to 30 mm/sec.
	Using Battery	• PT-E310BT Up to 20 mm/sec. • PT-E510/PT-E560BT Up to 20 mm/sec.
Print Resolution		• PT-E310BT 112 dot / 180 dpi • PT-E510/PT-E560BT 128 dot / 180 dpi
Maximum Print Height [3]		• PT-E310BT Up to 15.8 mm (when using 18 mm tape) • PT-E510/PT-E560BT Up to 18.0 mm (when using 24 mm tape)

1 Actual print speed varies depending on the conditions.
2 When using the AC Adapter for USB Type-C (PA-AD-004 / Optional)
3 The actual character size may be smaller than the maximum print height.

Size

Weight	• PT-E310BT Approximately 785 g (without battery and Tape Cassette) • PT-E510/PT-E560BT Approximately 1050 g (without battery and Tape Cassette)
Dimensions	• PT-E310BT Approximately 135 mm (W) x 235.5 mm (D) x 70.3 mm (H) • PT-E510/PT-E560BT Approximately 132 mm (W) x 244 mm (D) x 80 mm (H)
LCD	• PT-E310BT 15 characters x 2 lines (128 dot x 56 dot) • PT-E510/PT-E560BT 17 characters x 2 lines (240 dot x 120 dot)

Interface

USB	USB Ver.2.0 (Full Speed) (Type C) USB class: Printer class
Bluetooth (PT-E310BT/PT-E560BT)	Bluetooth Ver.5.0 Supported profile: SPP Supported protocol: iAP

Environment

Operating Temperature	Between 10°C and 35°C
Operating Humidity	Between 20% and 80% Maximum wet bulb temperature: 27°C

Power Supply

Battery	Rechargeable Li-ion Battery: 7.2 V Model Name: BA-E001
Adapter (Optional)	AC Adapter for USB Type-C: 12 V Model Name: PA-AD-004
Charging Time [1]	Approximately 3 hours

[1] When using the AC Adapter for USB Type-C (PA-AD-004 / Optional)

Media

Tape Width	**Standard TZe Tape Cassette**	• PT-E310BT 3.5 mm, 6 mm, 9 mm, 12 mm, 18 mm • PT-E510/PT-E560BT 3.5 mm, 6 mm, 9 mm, 12 mm, 18 mm, 24 mm
	HGe Tape Cassette	• PT-E310BT 6 mm, 9 mm, 12 mm, 18 mm • PT-E510/PT-E560BT 6 mm, 9 mm, 12 mm, 18 mm, 24 mm
	HSe Tube Cassette (2:1 heat shrink ratio)	• PT-E310BT 5.8 mm, 8.8 mm, 11.7 mm, 17.7 mm • PT-E510/PT-E560BT 5.8 mm, 8.8 mm, 11.7 mm, 17.7 mm, 23.6 mm
	HSe Tube Cassette (3:1 heat shrink ratio)	• PT-E310BT 5.2 mm, 9.0 mm, 11.2 mm • PT-E510/PT-E560BT 5.2 mm, 9.0 mm, 11.2 mm, 21.0 mm
No. of Lines		• PT-E310BT 18 mm tape: 1 - 5 lines 12 mm tape: 1 - 3 lines 9 mm tape: 1 - 2 lines 6 mm tape: 1 - 2 lines 3.5 mm tape: 1 line • PT-E510/PT-E560BT

	24 mm tape: 1 - 7 lines 18 mm tape: 1 - 5 lines 12 mm tape: 1 - 3 lines 9 mm tape: 1 - 2 lines 6 mm tape: 1 - 2 lines 3.5 mm tape: 1 line

Memory

File Memory	**Text Buffer**	Maximum 1800 characters
	File Storage	Maximum 99 files
Transferred Data Memory		6 MB

Compatible Operating Systems

For the latest list of compatible software, visit support.brother.com/os.

Related Information

- Appendix

Brother Help and Customer Support

If you need help with using your Brother product, visit support.brother.com for FAQs and troubleshooting tips. You can also download the latest software, drivers and firmware, to improve the performance of your machine, and user documentation, to learn how to get the most from your Brother product.

Further product and support information is available from your local Brother office website. Visit global.brother/en/gateway to find the contact details for your local Brother office and to register your new product.

Related Information

- Appendix

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Brother Earth

www.brotherearth.com

UK
Version 0