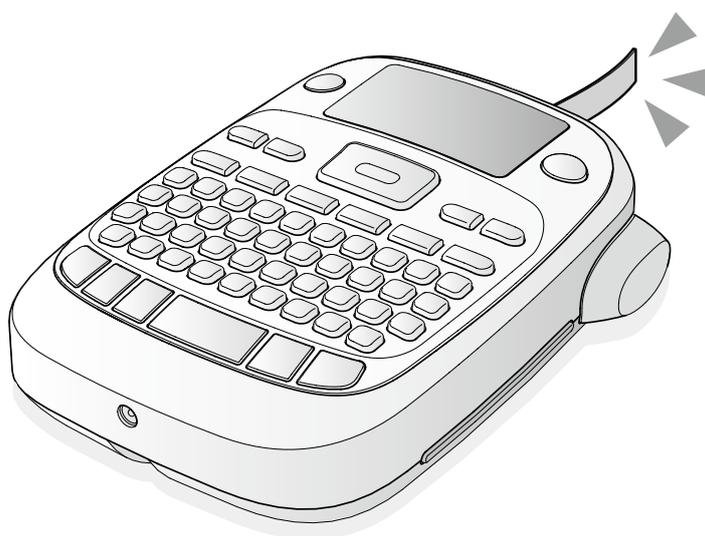


LW-K400

User's Guide



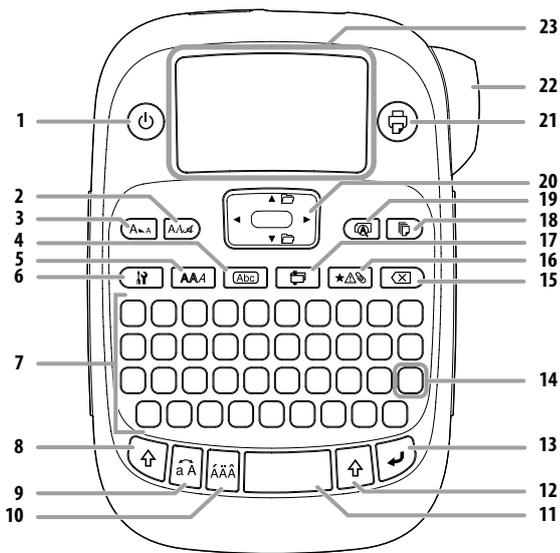
English

Read this document carefully to use this product safely and correctly.
If your product is faulty, please read the included warranty card and consult the store you purchased it from. If you require further assistance contact your local EPSON customer support centre.

Please also find below the URL for the support centre:

<http://www.epson.co.uk/support>

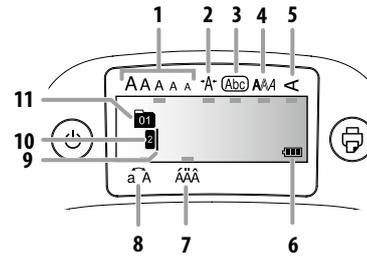
Part Names and Functions



1. Power, + : To "Print density" menu.
2. Font
3. Font size
4. Frame
5. Style
6. Setting
7. Character keys
8. Shift
9. Caps Lock
 + : Capitalises the entered characters.
10. Accent
11. Space
12. Shift
13. Select/Enter
14. Punctuation: A choice of marks.
 + : The other choice of marks.
: Adding a punctuation mark to the label
15. Delete, + : Deletes text.
16. Symbol, + : To "Sequence number" menu.
17. Special label, + : To "Bar code" menu.
18. Print copies
19. Preview, + : The "Display" menu.
20. Cursor keys
 + : To the previous or next text.
 + : To the previous or next text.
21. Print, + : Feeds the tape.
22. Cut Button
23. Display

■ Display

You can check settings on the display. Indicators show whether or not settings are enabled.



1. Font size
 2. Font width
 3. Frame
 4. Font style
 5. Vertical
 6. Battery level (as a guide)
 7. Accent mark options
 8. Upper case/lower case
 9. Cursor: Indicates the position where the operation is performed. This is the place where you enter text or delete symbols, etc.
 10. Head mark: Indicates what line it is in. Appears when multiple lines exist.
- MEMO**
: If this appears, you cannot print anything.
11. Text number mark: Indicates the number of the current text counted from the beginning.

Before use

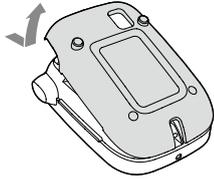
1. Preparing the power supply

This product operates on batteries or with the dedicated AC adapter.

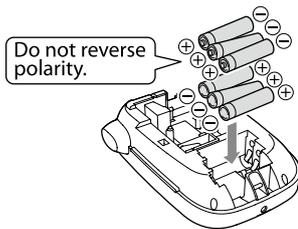
Using on batteries

ⓘ Prepare six AA alkaline batteries.

1. Remove the cover on the rear.



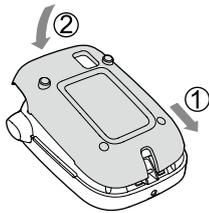
2. Insert the batteries.



MEMO

When continuing to install a tape cartridge, leave the cover off and go to Step 2.

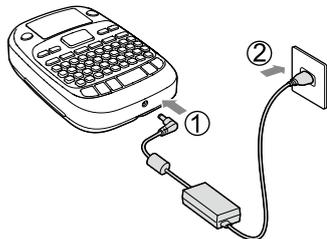
3. Close the cover. Close it until it snaps into place.



Using with the AC adapter (APT0615Z)

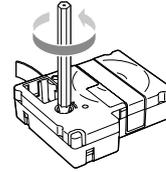
ⓘ Make sure to use the dedicated AC adapter (APT0615Z).

1. Connect the AC adapter firmly into the power socket of the product.
2. Plug the AC adapter into the outlet.

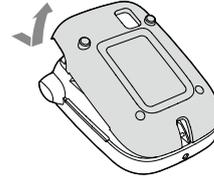


2. Installing a tape cartridge

1. Remove the slack of the ink ribbon.

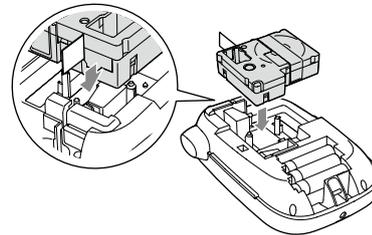


2. Remove the cover on the rear.



3. Set the tape cartridge.
Press it firmly until it snaps into place.

When installing a new tape or the tip of the tape is longer than usual, put the tape through the "Tape Guide" slot.

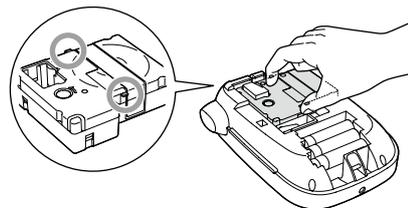


- ⓘ
- Do not press the "Cut Button" before the tape stops.
 - Do not pull the tape out with your fingers.

4. Close the cover on the rear.
Close it until it snaps into place.

How to remove the tape cartridge

ⓘ Hold the cartridge by the tabs, and lift it straight up.



3. Turning the power on

1. Press .
When changing the language of messages on the display
↳ Display Settings ("Display" menu)

4. Feeding the tape

ⓘ Do not press the "Cut Button" before the tape stops.

After setting a tape cartridge, make sure to feed tape.

1. Press + .
2. Press .
3. Cut the tape.
Cut it by pressing the "Cut Button".

5. Creating a label

Example: ABC

1. Press while holding down to enter text in capital letters.
 2. Press the following keys: , ,
- "ABC" appears on the display.

Refer below for other operations and the labels you can create with this product.
↳ Editing characters, Useful functions, Creating a label with a special form

6. Printing labels

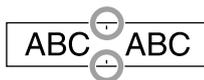
1. Press .
The length of the label to print and the number of prints appear, and printing starts.
2. When the tape stops, press the "Cut Button" to cut the tape.

Do not press the "Cut Button" before printing is complete.

Printing multiple copies (end cut)

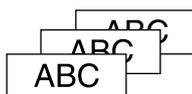
1. Press .
2. Highlight "Copies" using the cursor keys, then press .
3. Enter the number of copies using the cursor keys or numeric keys.
4. Press to start printing.
5. When printing stops, press to cut the tape. A cut mark will be printed between each copy.

Using scissors, cut along the marks to separate each label.



Printing multiple copies (each cut)

1. Press .
2. Highlight "Set cut mode" using the cursor keys, then press .
3. Select "Each label" using the cursor keys, then press .
4. Highlight "Copies" using the cursor keys, then press .
5. Enter the number of copies using the cursor keys or numeric keys, then press .
6. When you are prompted to cut the tape, press the button. After each cut using the button, printing of the next copy starts.



Adjusting print density

1. When the power is off, press + .
2. Adjust print density with , and press .

MEMO

In general, please set the value to the default; "0".

7. Attaching labels

1. Peel off the backing paper.
2. Attach the label and rub it firmly.

Turn the power off after use

1. Press .
Batteries:
Take them out if not in use for a long time.
AC adapter:
Disconnect from the outlet and the product.

Editing characters

Press character keys and enter text.

Part Names and Functions

Text is entered from the cursor position. Display

To keep the already entered text, first move the cursor to a number to which no text is entered yet with + or + , then enter text.

Switching upper case or lower case

1. Press + .

The setting is indicated on the display. Characters are set to upper case or lower case.

To capitalise partially: Enter with pressed.

Deleting characters

1. Press .

Deletes one character backward.

Breaking lines

1. Press .

Breaks the line from the character next to the cursor.

Deleting text

1. Press + .

2. When a confirmation message appears, press .

Text will be deleted.

Confirming text

1. Press .

Text appears on the display.

You can check the text and the length of the label.

But the print image cannot be confirmed.

Adding characters with an accent mark to the label

If there is a choice of characters with an accent mark, they are indicated on the display.

Example: École

1. Press + .

2. Press .

A choice of characters with an accent mark appears.

3. Select an item with , and press .

Go on and enter the next character.

École

Characters with an accent mark Symbol List

Adding a punctuation mark to the label

Select from the following two methods.

1. Press .

Each press shows the next mark.

Available marks

; () < > [] { }

1. Press + .

Each press shows the next mark.

Available marks

" # + = @ \ ^ _ |

Adding a symbol to the label

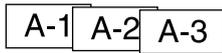
1. Press .

2. When the category appears, select an item with , and press .

3. When symbols appear, select a symbol with , and press .

Available symbols Symbol List

■ Creating labels with serial numbers (Sequence number)



1. Press + .
2. Enter a number/alphabet for the first label, and press .
The number/alphabet increases by one whenever printing is done.

■ Creating pieces of text

You can create multiple pieces of text continuously. Up to 50 pieces can be created at a time.

You can check which piece of text you are creating with the text number mark displayed at the beginning.

Creating another piece of text

1. Select the next text number mark with + or + .
- You can create another piece of text. Do the same for the next pieces.

Printing a selected piece of text

1. Select a piece of text you want to print with + or + .
2. Press .

Useful functions

This section explains various functions that will help you create labels.

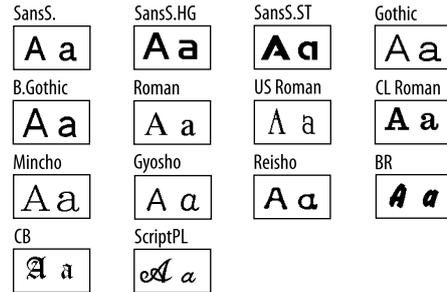
■ Changing the font size

1. Press .
 2. Select a line layout with , and press .
- "Equal": Applies the same font size. No need to proceed to Step 3.
3. Select a font size with , and press .



■ Changing the font

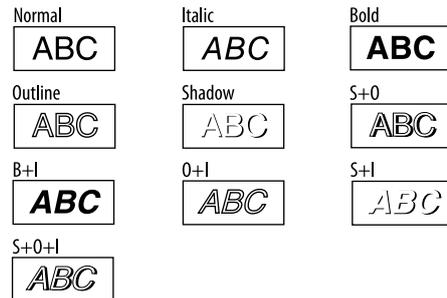
1. Press .
 2. Select a font with , and press .
- The font used for the entire text will change.



■ Applying a font style

1. Press .
2. Select a style with , and press .

Styles applied to small or elaborate characters may not be able to print clearly.



■ Using extra large font

1. Make sure that your label satisfies the extra large font requirements.

Requirements for Extra Large Font

The number of lines: "1 Line"

Font size: "Auto"

Font: "SansS.", "SansS.HG", "CL Roman", "BR"

Contents: Uppercase letters, numbers, marks except comma, space, pictograms

Font style: "Normal"

"Frame": "Off"

2. If the label can use the extra large font, the + indicator appears.



3. Enter uppercase "ABCD" for example. The extra large font indicator appears.



■ Adding a frame

1. Press .
2. Select an item with , and press .
Entering the frame No. to select does the same.



Available frames  Symbol List

■ Specifying the length of labels

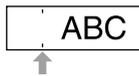
1. Press .
2. Highlight "Label length" using the cursor keys, then press .
3. Select a value (up to 40 cm) using the cursor keys or enter the value using the numeric keys, then press .
4. Select a text alignment setting using the cursor keys, then press .
5. Press  to confirm the font size setting.
6. Select "Auto" using the cursor keys, then press .
7. Enter text.

If the length of entered text exceeds the label length you specified, the font becomes small so that the entire text fits in the specified length.

■ Changing the margins of labels

1. Press .
2. Highlight "Margins" using the cursor keys, then press .
3. Select one of the options using the cursor keys, then press .
4. Press .

If you select the "None" option, a cut mark is printed. Cut the tape along the cut mark.



■ Adjusting the space between characters

1. Press .
2. Select "Char. spacing" with , and press .
3. Select an item with , and press .



■ Making the width of font narrower

1. Press .
2. Select "Narrow" with , and press .
3. Select "Narrow" with , and press .



■ Lining up characters vertically

1. Press .
2. Select "Vertical" with , and press .
3. Select "On" with , and press .



■ Using mirror writing for the label

1. Press .
2. Select "Mirror print" with , and press .
3. Select "On" with , and press .



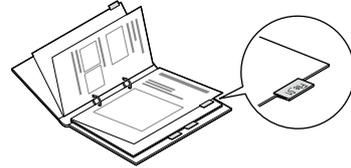
Creating a label with a special form

-  To create labels with a special form, a message confirming that the text will be deleted may appear when  is pressed. Press  to delete the current text and to show the special form.

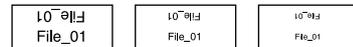
MEMO

To exit the following special form mode, press , then select the "Exit" and press .

■ Creating an folder tab label

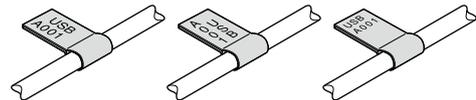


1. Press .
2. Select from "Tab:Medium", "Tab:Small" or "Tab:Large" with , and press .
3. Select a value with  or enter label length, and press .
Maximum length: 12.5cm (5.0 inch)
4. Enter text.

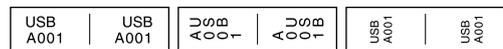


■ Creating a label for cables

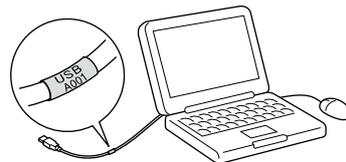
Flag labels wrapping a cable



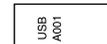
1. Press .
2. Select from "Flag:Hori.", "Flag:Vert." or "Flag:Edge" with , and press .
3. Select a value with  or enter label length, and press .
Maximum length: 12.5cm (5.0 inch)
4. Enter text.



Labels wrapping a cable



1. Press .
2. Select "Wrap" with , and press .
3. Select a value with  or enter label length, and press .
Maximum length: 12.5cm (5.0 inch)
4. Enter text.



■ Creating a ribbon

1. Press .
2. Select "8.Ribbon" using the cursor keys, then press .
3. Select a value using the cursor keys or enter the value using the numeric keys, then press .
Range of ribbon length: 20-40 cm
4. Enter text for printing on both ends of the ribbon.
5. Press .



■ Creating a label including a barcode

- Enter barcodes according to their standards.
- Check the printed labels with your barcode reader to ensure they can be correctly read.
- Supported barcode: CODE39, CODE128, ITF, CODABAR, UPC-A, UPC-E, EAN-8, EAN-13

1. Press  + .
2. Select an item with  , and press .
3. After setting the barcode, enter the code.



Display Settings ("Display" menu)

The following are the settings to make operation easier.

Backlight

Turns the backlight of the display on or off.

Backlight: On/Off

Contrast

Adjusts the density of the fonts on the display.

Value: -5 to +5

Language

Selects the language of the settings and messages on the display.

Language: English/Spanish/French/Portuguese-Br/Portuguese-EU/Italian/Dutch/German

inch:cm

Selects the unit to indicate the length.

Value: inch/cm

Procedure

1. Press  + .
2. Select a setting item with  , and press .
3. When the options of the selected item appear, select your choice with  , and press .

Cleaning

When the exterior is dirty

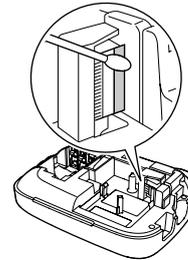
Wipe the dirt off with a soft cloth. If it is very dirty, use a cloth wrung out of water.

- ⚠ Never use chemicals or solvents such as benzine, thinner, or alcohol, or use a chemical duster.

When the printhead is dirty

If the print becomes faint or some parts are missing, there may be some dirt on the printhead.

Clean the print head with a cotton swab moistened with medical alcohol (commercially available ethanol).



Initialising this product

The product may stop functioning due to static electricity or other causes.

Initialise the product if it does not operate normally such as the display is interrupted.

- ⚠ Initialise the product. Take extreme care before initialising it. All the created text will be deleted. The settings you made for character input will return to the default.

1. Press .
 2. Press and hold  + , and press .
 3. When a message appears, press .
- The product will be initialised.
To abort: Press any button other than .

Troubleshooting

Messages

Insert Tape	No tape cartridge is installed. Turn the power off and install a tape cartridge correctly.
Check tape!	A tape cartridge which cannot be used in this product has been set. Check the tape cartridge.
Check tape cartridge	A tape cartridge which cannot be used in this product has been set. Check the tape cartridge.
Check battery	Possible causes for this message are: <ul style="list-style-type: none"> • No power remaining or inserted in the wrong way • Mixed with other types or old ones If so, set the batteries correctly or replace them with new ones.
Too many lines	Text entered is too long. Press [X] to delete the lines indicated by the cursor.
Text too long	Entered text is too long for the specified tape length. Press [Y] and adjust the tape length or make text shorter.
Seq. num. only 1	Sequence numbers have already been set. Sequence numbers can be used for one part only.
Text will be deleted. OK?	When creating a label with a special form, current text will be deleted. Press [Z] to delete the text and show the special form.
Fill every digit	Entered values for barcodes are wrong. Check the entries about values, digits, etc.
Load wider tape	Unable to print on the current tape. Use a wider tape.
Txt is too long Continue?	Entered text is too long for the specified tape length. Press [Z] to print in the correct length.
Overheated!	The printhead is too hot. Turn the power off and take out the tape cartridge. Wait for a while before start printing again.
Cover open! Powering off.	If you open the cover on the rear without turning the power off, a message is displayed and then the power is turned off automatically.
Motor error!	An error occurred in the motor operation. Turn the power off once, then turn it back on. If the same message appears, turn the power off and contact the EPSON customer support centre.

Problems

Does not operate normally.

Initialise this product if it does not operate normally such as the power cannot be turned on or off, or the display is interrupted.

No image comes out even though **[P]** has been pressed.

Are the batteries correctly set?
Check if all the batteries are correctly set.

Did the batteries run out?
Replace the batteries with new ones, or use the dedicated AC adapter (APT0615Z).

Is the AC adapter securely connected?
Connect the AC adapter and the power cable firmly to the power socket of the product, the AC adapter connector and the outlet.

Are you using an AC adapter other than the dedicated one?
Using an AC adapter other than the dedicated one (APT0615Z) is very dangerous, and may cause overheating or damage to the electric circuits.

Is the display level appropriate?
Adjust the display level.

Display has turned off.

Did you enable the auto power-off function?
The power turns off automatically if no operation is made for more than 5 minutes.

Did you try to carry out a function incorrectly?
If buttons are operated incorrectly, the display turns off for a moment.

Nothing is printed even though **[P]** has been pressed.

Is text entered?
Nothing is printed if no text is entered.

Any message on the display?
Read the message and take the appropriate action.

Did the tape run out?
Install a new tape cartridge.

Did the batteries run out?
Replace the batteries with new ones, or use the dedicated AC adapter (APT0615Z).

Is the cover on the rear open?
Set the tape cartridge correctly and close the cover completely.

Characters are not printed properly.

Is the tape cartridge correctly set?
Set the tape cartridge correctly.

Is the printhead dirty?
Clean the printhead.

Did the batteries run out?
Replace them with new ones, or use the dedicated AC adapter (APT0615Z).

Printing ends in the middle of text.

Did the tape run out?
Install a new tape cartridge.

Did the batteries run out?
Replace them with new ones, or use the dedicated AC adapter (APT0615Z).

Created text has gone.

Did you delete the text?
If **[Z]** + **[X]** are pressed, the text on the display will be deleted.

Did you initialise the product?
If the product is initialised, all the created text will be deleted.

Did you remove the batteries or the AC adapter when the product was in operation?
If the AC adapter or the batteries are removed during operation, the text may be deleted.

Cannot attach the label.

Did you peel the backing paper?
Attach the label after peeling the backing paper.

Are you attaching it on a dirty place or on a place with a rough surface?
The label may not adhere due to the material of the attachment location or the environmental conditions.

MEMO

If none of the above has solved the problem or the symptom is other than the above, contact the EPSON customer support centre.

Specifications

■ Body

Dimensions	Approx. 110 (W) x 170 (D) x 56 (H) (mm)
Weight	Approx. 400g (excluding batteries, tape cartridge)

■ Usage conditions

Operating temperature	10 to 35 degrees C
Storage temperature	-10 to 55 degrees C

■ Power supply

AC adapter	Type	APT0615Z2-1
	Manufacturer	Seiko Epson Corp.
	Input	AC100-240V, 0.3A, 50-60Hz (dedicated adapter, power cable only)
	Output	DC6.5V, 1.5A
	Total output power	10W
Battery		AA alkaline battery x 6

■ Supported tape width

4 mm, 6 mm, 9 mm, 12 mm, 18 mm