For your safety, read the attached documents carefully to use this product properly. Please refer to this manual for future reference and to take your customers’ dealer to install or use this product. If you do not follow the instructions, their surroundings, and your property from possible injury or damage. The safety precautions and handling instructions explained in this manual are to prevent injuries to the user, damage to the equipment if the instructions are ignored or the equipment is misused.

**Included Items**

- LW-PX900
- AC adapter
- USB 2.0 cable
- Label Editor Professional ED-HEM
- Magnetic attachment (CSZ169101)
- Stickers

**Specifications**

- **Dimensions:** Approx. 188 (W) x 210 (D) x 57 (H) (mm)
- **Weight:** Approx. 1.65 (excluding batteries, tape cartridge)
- **AC adapter:** ASS122272-1
- **Manufacturer:** Seiko Epson Corp.

**Power supply**

- **Battery:** 7.4 V Alkaline battery x 6
- **AC adapter:** ASS122272-1

**Included items**

- **Package name:** LW-PX900 Full kit
- **Package name:** LW-PX900 Lite kit
- **Package name:** LW-PX900 Pro kit

**Troubleshooting**

**Messes**

1. **Check the Li-ion battery charger.**
   - The battery is not charged. For driving the Li-ion battery, and charge the battery. For driving the Li-ion battery,
   - Place the battery in an open area. Close the top cover.

2. **Check tape.**
   - The loaded tape is not supported. Insert a correct tape cartridge.
   - Press the up to 2 sequences can be inserted.
   - Set the Li-ion battery to a slide-type. Reduce the test load. Last to 0%.

3. **Check if the liquid is clean.**
   - The prinfthead is overheated. Turn off the power and clean it. If it does not cool, inform the user.

4. **Check no damage.**
   - If the tape remains in the tape eject slot. Remove the tape from the tape slot.

**Other cautions**

- **Be sure to turn off the power before replacing the batteries.**
- **Check that the battery can be charged.**
- **Check for the liquid is clean.**
- **Remove the batteries from the product before cleaning.**
- **Check the batteries are charged.**

**Recycling the Battery**

- **Contains a lithium battery.** Must be recycled or disposed of properly. Recycling centers exist in many countries. Be sure to follow the regulations for disposal.

**Notice not used in this manual**

**WARNING**

- Indicates information that, if ignored, could result in personal injury or death due to incorrect handling.

**CAUTION**

- Indicates information that, if ignored, could result in personal injury, physical damage, or damage to equipment due to incorrect handling.

**Attention**

- Indicates important information about LW-PX900.

**MEMO**

- Indicates additional information and points which may be useful to know regarding a topic.

- Shows an image of the label to be used as an example.

**Name**

- Indicates the menu items, messages shown on the display, or the name of a manual. Example: “On”, “Start print!”

**Notes on usage**

- Do not use a tape that is beyond its expiration date. If a tape cartridge is loaded, the product will not operate even if the power is on. Always ensure that the tape cartridges are within their validity period.

**USB cable**

- The Li-ion battery charger can be used with this product.

**Supported tape width**

- 6 mm, 8 mm, 12 mm, 18 mm, 24 mm, 36 mm

**Power supply**

- Voltage: 100-240 V (dedicated adapter, power cable only)
- Rated operating time / Rated resting time 0.5h / 1.0h
- Total output power 40.5 W

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**Li-ion battery specifications**

- **Charging information**
  - **Charging current (Std.):** 1.0 A
  - **Charging current (Max.):** 2.0 A
  - **Charging time:** Approx. 3 hours

- **Charge limits**
  - Battery pack model: CSZ169101
  - Maximum charge voltage: 8.4 V
  - Maximum charge current: 1.0 A

- **Rated time when using alkaline batteries**
  - Rated operating time / Rated resting time 0.5h / 1.0h

**Charging information**

- **Charging current (Std.):** 1.0 A
- **Charging current (Max.):** 2.0 A
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**Charging time**

- Approx. 3 hours

**Power supply**

- Voltage: 100-240 V (dedicated adapter, power cable only)

**Specifications**

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- **Weight:** Approx. 1.65 (excluding batteries, tape cartridge)
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Part Names and Functions

1. Display
   - The display shows the current settings and characters you have entered.
   - You can change the language shown on the setting screen.
   - A “Language” of “Changing the LW-PX900 Settings”

   1. Form name
   2. Set tape width and length
   3. The unit can be switched between inch and cm.
   4. “inch/cm” of “Changing the LW-PX900 Settings”
   5. Symbol input mode
   6. Caps Lock
   7. Block number
   8. Row number
   9. Cursor
   10. Number of text to be printed
   11. Font size
   12. Remaining battery level
   13. Tape color
   14. Set tape type

2. Cleaning
   - For cleaning, use a clean, dry cloth.
   - No cleaning solutions are necessary.
   - Never use solvents or chemicals such as benzene, thinner, or alcohol.
   - Clean the printer from time to time with a cotton swab.

3. Initializing the Settings
   - To initialize the settings, press “LW-PX900.”
   - The printer will enter the factory setting.
   - All the settings will be initialized.

4. Start Here

1. Installing the Li-ion battery
   - Before using the printer for the first time, charge the Li-ion battery (C52CE97010).
   - Install the Li-ion battery when the battery level is low.
   - The Li-ion battery cannot be charged while printing.
   - Charging error or battery error in the battery display.
   - For details on the handling of Li-ion battery, see the Li-ion battery Instruction Manual.

   - New Li-ion battery
   - The charge LED flashes during charging.
   - The battery cannot be charged while printing.

2. Connecting the AC adapter
   - Connect the AC adapter to LW-PX900.
   - The AC adapter will be connected to LW-PX900.
   - When you disconnect the AC adapter, LW-PX900 will turn off.

3. Using Label Editor Professional
   - Label Editor Professional is an application software for editing labels.
   - When this software is installed on your computer, you can transfer the created label data to the printer.
   - Label Editor Professional is a Windows application.
   - Connect the USB cable to LW-PX900.
   - Connect the other connector of the USB cable to the computer.

4. Entering text
   - Press [C].
   - A list of characters appears.
   - Select a character with [C] and press [C].
   - “cable” appears on the screen.
   - Press [C].
   - “cable” is entered.
   - Press [C].
   - “cable” is entered.
   - “All Format” may not be displayed.

5. Printing label
   - Press [C].
   - Setting the label auto cut to Off
   - “Auto cut” of “Changing the LW-PX900 Settings”
   - Print with special print functions
   - “Using Print Functions”

   - “Checking the print image”
   - Press [C].
   - The print image scrolls on the entire screen.
   - When the preview ends, the editing screen reappears.
   - The print image scrolls on the entire screen.

6. Attaching label
   - Peel off the backing paper.
   - Attach the label and rub it firmly.

   - The character you have entered in the current session is shown on the screen.
   - The character you have entered in the current session is shown on the screen.
   - When the preview ends, remove the Li-ion battery.
   - If the AC adapter is connected, disconnect the AC adapter from LW-PX900.
Creating Special Labels

Creating Labels for Patch Panel

You can create the optimal labels for your patch panel by setting the label length and number of blocks.

1. Press [Enter].
2. Select the length type with [A] and then press [Enter].
   In this example, we will select “Blocks”.

   Blocks: Setting the length by block length.
   Label: Setting the length by label length.

3. Enter the blocks number and then press [Enter].
   Setting range: 0.25 to 30 cm
4. Enter the block length and then press [Enter].
   In this example, we will enter “3”.

5. Select the type of separator with [B] and then press [Enter].
   In this example, we will select “Line”.
6. Select the orientation with [C] and then press [Enter].
   In this example, we will select “Hori.”
7. Enter the text.

You can create labels with sequence numbers.

For details, see “Creating Labels with Block Sequence Numbers Assigned”.

8. Press [Enter].

Creating Labels for Block-66

You can create labels for Block-66 so that large numbers of connectors can easily be identified.

1. Press [Enter].
2. Select the length type with [A] and then press [Enter].
   In this example, we will select “Blocks”.

   Blocks: Setting the length by block length.
   Label: Setting the length by label length.

3. Enter the blocks number and then press [Enter].
   Setting range: 0.25 to 30 cm
4. Enter the block number and then press [Enter].
   Setting range: 1 to 50
5. Select the type of separator with [B] and then press [Enter].
   In this example, we will select “Line”.
6. Select the orientation with [C] and then press [Enter].
   In this example, we will select “Vert.”
7. Enter the text.

You can create labels with sequence numbers.

For details, see “Creating Labels with Block Sequence Numbers Assigned”.

8. Press [Enter].

Creating Labels for Faceplate

This enables you to easily create a label suitable for the size of connectors.

1. Press [Enter].
2. Enter the label length and then press [Enter].
   Setting range: 1 to 99.9 cm
3. Enter the blocks number and then press [Enter].
   Setting range: 1 to 50
4. Select the type of separator with [B] and then press [Enter].
   In this example, we will select “Line”.
5. Select the orientation with [C] and then press [Enter].
   In this example, we will select “Vert.”
6. Enter the text.
7. Press [Enter].

Creating Labels for Punch Block

You can create labels to identify at a glance the numbers for the wires or pins connected to a punch block.

1. Press [Enter].
2. Select the type of block with [A] and then press [Enter].
   In this example, we will select “Punch Block”.
3. Enter the orientation with [C] and then press [Enter].
   In this example, we will select “Hori.”
4. Enter the number of print copies and then press [Enter].
   In this example, we will select “1 time”.
5. Select the number of repetition with [B] and then press [Enter].
   In this example, we will select “2 times”.
6. Select “Print copies” with [B] and then press [Enter].
7. Enter the number of print copies and then press [Enter].
   In this example, we will enter “6”.
8. Select “Start print” with [B] and then press [Enter].
   Printing starts.

Creating Labels for Faceplate

This label tape comes with transparent film. The film allows you to create labels for round hole label, oval label, and circular label.

1. Enter the label length and then press [Enter].
   Setting range: 1 to 99.9 cm
2. Enter the text.
3. Press [Enter].

Creating Multiple Labels at Once

You can create many labels at once.

1. Press [Enter].
2. Select the label length with [A] and then press [Enter].
   Auto: Automatically adjusts the label length depending on the length of text.
   Set: Sets the label length.
   Setting range: 0.25 to 30 cm
3. Enter the blocks number and then press [Enter].
4. Select the type of margins with [B] and then press [Enter].
   Tape: Sets margins that are a 1/3 of the tape width.
   Tape: Sets margins that are equal to the tape width.
5. Select the orientation with [C] and then press [Enter].
   In this example, we will select “Hori.”
   Vert. 1
   Vert. 2
6. Enter “Cable” and then press [Enter].
   Similarly for other labels, enter text and press [Enter].
7. Press [Enter].

Creating Labels with Dedicated Tape

■ Die-Cut label

Use the dedicated Die-Cut label. You can print on to precut rounded corner label, oval label, and circular label.

■ Self-Lamination Overwrap

Use the dedicated Self-Lamination Overwrap. This label tape comes with transparent film. The film can be wrapped around the label to prevent it from getting dirty.

Creating Sequentially Numbered Labels

The number is automatically incremented each time a label is printed.

Up to four digits including numbers (0 to 9) and alphabet letters (a to Z and A to Z) can be entered.

1. Press [Enter].
2. Enter the start value of the sequential numbers and then press [Enter].
   In this example, we will enter “0001”.
3. Select the number of repetition with [B] and then press [Enter].
   In this example, we will select “2 times”.
4. Press [Enter].
5. Select “Print copies” with [B] and then press [Enter].
6. Enter the number of print copies and then press [Enter].
   In this example, we will enter “6”.
7. Select “Start print” with [B] and then press [Enter].
   Printing starts.

Creating Labels with Block Sequence Numbers Assigned

You can assign sequential numbers to blocks.

1. Enter “Blocks” and then press [Enter].
2. Enter “Number of blocks” and then press [Enter].
3. Enter “Blocks number” and then press [Enter].
4. Enter the block number and then press [Enter].
5. Select the type of separator with [B] and then press [Enter].
   In this example, we will select “Line”.
6. Select the orientation with [C] and then press [Enter].
   In this example, we will select “Vert.”
7. Enter the text of block 1 and then press [Enter].
8. Enter the text of block 2.
9. Press [Enter].

Creating Labels for Wrap Around Cable

You can repeatedly print text so that it can be seen regardless of the angle from which the cable is viewed.

1. Press [Enter].
2. Select the length type with [A] and then press [Enter].
   In this example, we will select “Length”.
   Dia: Sets the length by cable diameter. (Setting range: 0.25 to 15 cm)
   Length: Sets the length by label length.
3. Enter the label length and then press [Enter].
   Setting range: 1 to 99.9 cm
4. Select On or Off of repeat text with [B] and then press [Enter].
   In this example, we will select “On”.
5. Select the type of margins with [B] and then press [Enter].
   Tape: Sets margins that are a 1/3 of the tape width.
   Tape: Sets margins that are equal to the tape width.
6. Enter the text.
7. Press [Enter].

Creating Labels to Wrap around Cable like a Flag

This label is useful for differentiating cables because the flag portion of the label wrapped around the cable is easy to see.

1. Press [Enter].
2. Select the setting method of space length with [B] and then press [Enter].
   In this example, we will select “Length”.
   Dia: Sets the length by cable diameter. (Setting range: 0.25 to 15 cm)
   Length: Sets the length by label length.
3. Enter the space length and then press [Enter].
   Setting range: 0.25 to 30 cm
4. Enter the text length and then press [Enter].
   Setting range: 0.25 to 30 cm
5. Select the type of separator with [B] and then press [Enter].
6. Select the orientation with [C] and then press [Enter].
   In this example, we will select “Vert.”
   Vert. 1
   Vert. 2
7. Enter the text of block 1 and then press [Enter].
8. Enter the text of block 2.
9. Press [Enter].

Creating Labels with Symbol

1. Press [Enter].
2. Select a category with [B] and then press [Enter].
3. Select a symbol with [A] and then press [Enter].
4. Press [Enter].

MEMO
For available symbols, see “Symbol List” on the separate sheet.
**Customizing Labels**

**Setting the Format and Style (Edit menu)**

You can customize your label by setting the following:

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Orientation</strong></td>
<td>Rotates the orientation of the text.</td>
</tr>
<tr>
<td><strong>Font</strong></td>
<td>Selects the font size and style.</td>
</tr>
<tr>
<td><strong>Margins</strong></td>
<td>Adjusts the margin settings.</td>
</tr>
<tr>
<td><strong>Color Reversal</strong></td>
<td>Reverses the text color and background color.</td>
</tr>
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<td>Reverses the text color and background color.</td>
</tr>
</tbody>
</table>

**Procedure for setting**

1. **Place the cursor.**
2. **Select the desired item with press .**
3. **To apply formatting, press .**
4. **To confirm the settings, press .**

**Sizing Frequently Used Labels**

By saving frequently used labels, you can easily recall and print them at any time. Up to 100 labels can be saved.

1. **Select "Save" with , then press .**
2. **Select the registration number with and press .**
3. **Select the desired item with and press .**
4. **Select the number of print copies and then press .**

**Changing the Font Size**

You can change the font size of the text by selecting from preset patterns. To change the font size of a block line by line, set "Manual" under "Font size" of "Edit menu".

**Changing the Font**

Each time you press , the font changes.

**Changing the Text Orientation**

Changes the text orientation to vertical or horizontal.

**Changing the LW-PX900 Settings**

**Setting the Label Length**

You can set the length of the label you use.

1. **Press .**
2. **Select the setting method of the length with and press .**
3. **Auto**: Automatically adjusts the label length depending on the length of text.
4. **Set**: Sets the label length.
5. **Setting range**: 1 to 99 mm
6. **Set the alignment for the text with and press .**

**Setting the Margins**

Sets the left and right margins.

**Adding Block**

By dividing text into blocks, you can change the style and the number of lines block-by-block.

**Display Label**

You can display the current label on the display.

**Print copies**

You can create labels that are larger than the width of a single label. Print the created content separately on multiple labels and then put them together to use as a single label.

**Print copies**

You can select multiple files and print them at once.

**Deleting the saved label**

You can delete registration numbers and pressing . You can select multiple files.

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