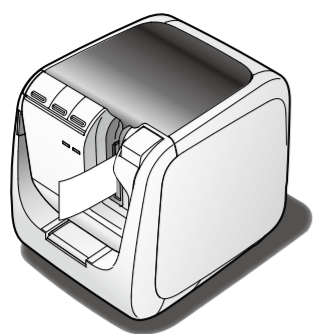




LABELWORKS PX LW-PX800

Installation Manual



Read this document carefully to use this product safely and correctly. If your product is faulty, please read the included warranty card and contact the store you purchased it from. If you require further assistance, contact the Epson Labelworks PX customer support center. Please also visit us at <https://labelworks.epson.com> for help and support.

iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

Android™ and Google Play are trademarks of Google LLC. Mac, macOS and App Store are trademarks of Apple Inc., registered in the U.S. and other countries.

Windows® is a registered trademark of Microsoft Corporation. Wi-Fi® is a registered trademark of Wi-Fi Alliance®.

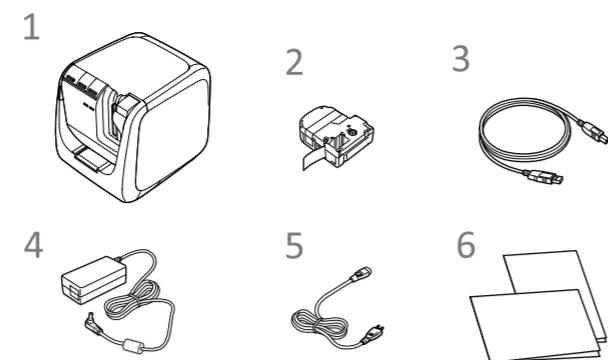
International ENERGY STAR® Compliance Statement

The purpose of the International ENERGY STAR® Program is to promote the development and popularization of energy-efficient office equipment. As an ENERGY STAR® Partner, Seiko Epson Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



Checking Package Contents

Before using the printer, check that you have all the items below. Contact your place of purchase if anything is missing or damaged.



- 1 LW-PX800
- 2 Tape cartridge
- 3 USB cable
- 4 AC adapter (AST1527Z1-1)
- 5 AC cable
- 6 Documents

Specifications

Printer

Dimensions	Approx. 123 (W) x 153 (D) x 139 (H) (mm)
Weight	Approx. 1,080g
Supported tape width	4 mm, 6 mm, 9 mm, 12 mm, 18 mm, 24 mm, 36 mm
Interface	USB 2.0 Full-speed, wired LAN (10/100BASE-TX), wireless LAN (IEEE 802.11b/g/n)

Temperature

Operating	5 to 35 degrees C
Storage	-10 to 55 degrees C

Software System Requirements

Software	Label Editor	Label Editor Lite	Epson apps*
OS	Windows®	macOS	iOS, Android™
Hard drive space	About 300 MB	About 40 MB	-
Display	1,024 × 768 (XGA) or higher resolution		-
Interface	USB 2.0 Full-speed, wired LAN (10/100BASE-TX), wireless LAN (IEEE 802.11b/g/n)	USB 2.0 Full-speed, wired LAN (10/100BASE-TX)	Wireless LAN (IEEE 802.11b/g/n)

*: Epson apps for mobile devices such as Epson Label Editor Mobile.

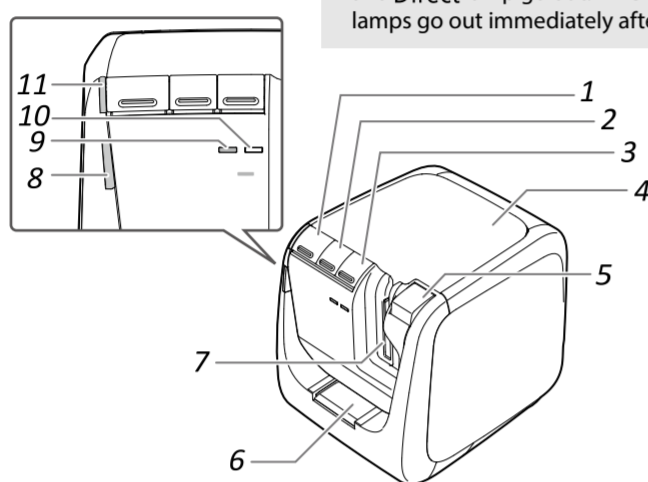
For the latest information about the application software and the compatible operating systems, visit the Epson Labelworks PX website. <https://labelworks.epson.com>

Power supply

Type	AST1527Z1-1
Manufacturer	Seiko Epson Corp.
Input	AC100-240V, 0.9A, 50-60Hz (dedicated adapter, power cable only)
Output	DC15V, 2.7A
Total output power	41 W

Names and Functions of Parts

Front

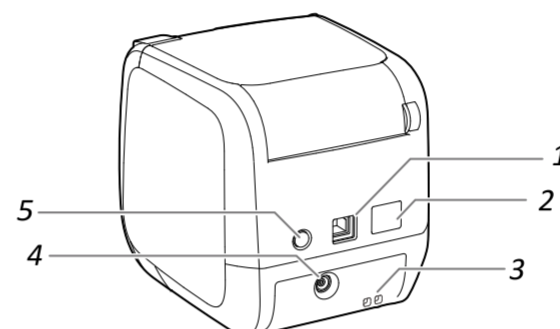


- The product name and other information can be found on the nameplate attached to the bottom of the printer.
- To disconnect from wireless LAN, press button several times until lamp and **Direct** lamp go out. Wireless LAN connection is disabled when both of the lamps go out immediately after button is pressed.

1. button	Turns the printer power ON/OFF.
2. button	Perform the tape feed operation.
3. button	Each time you press this button, the wireless connection mode switches between Infrastructure Mode, Access point Mode and wireless connection disabled mode. The current mode is indicated by the lamps.
4. Top cover	Can be opened to insert a tape cartridge, or for print head cleaning.

5. button	Press to open the top cover.
6. Tape insertion slot for PeelGuard®	PeelGuard® is Tape Corner Trimmer. Insert tape here to round label corners.
7. Tape outlet	Printed labels come out here.
8. lamp	Flashes when an error occurs.
9. lamp	Indicates the wireless LAN connection status.
10. Direct lamp	Indicates the wireless LAN connection status.
11. lamp	Indicates the printer's power status.

Rear



1. USB port	Connects the included USB cable.
2. LAN port	Connects a LAN cable. *
3. Security hole	Lets you secure the printer to a desk or post with a commercial security wire lock or similar tool.
4. Power cord jack	Connects the included AC adapter.
5. Connect button	Press when setting a wireless LAN connection.

* Use a twisted-pair, Category 5 or higher, straight-through Ethernet cable wired for 10BASE-T or 100BASE-TX.

Meanings of lamps

The lamps indicate printer statuses.

Lamp	Lamp's condition	Printer status
lamp	Lit	Standby status
	Flashing	Operating (such as initializing, printing or feeding the tape)
	Unlit	Power OFF
lamp	Flashing	Printer error Check the message displayed on the computer screen.
	Unlit	Operating normally
lamp	Lit	Connected in Infrastructure Mode/initializing printer
	Flashing	Preparing to turn power ON/setting Infrastructure Mode
Direct lamp	Unlit	Connected in Access point Mode/wireless LAN OFF
	Lit	Connected in Access point Mode/initializing printer
lamp	Flashing	Preparing to turn power ON/setting Access point Mode
	Unlit	Connected in Infrastructure Mode/wireless LAN OFF

Safety Instructions

For your safety, read the attached documents carefully to use this product correctly. After you have read all instructions, keep this manual handy for future reference and to make your concerns clear. Items below indicate safety precautions to protect users, their surroundings and their property from possible injury or damage. Precautionary notations are categorised as follows according to personal injury and damage to the equipment if the instructions are ignored or the equipment is misused.

WARNING

This symbol indicates information that, if ignored, could possibly result in serious personal injury or even death due to incorrect handling.

CAUTION

This symbol indicates information that, if ignored, could possibly result in personal injury, physical damage, or damage to equipment due to incorrect handling.

The following describes the meaning of each symbol used in the precautions.

	This indicates an important reminder.		This indicates a prohibited item.		This indicates a mandatory procedure.
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WARNING

When using the AC adapter and power cable

Do not use any AC adapter or power cable other than the dedicated AC adapter and power cable. Do not use the AC adapter with other than the specified voltage also. Otherwise, damage, overheating, fire or electric shock may occur.

- Take the following precautions when handling the AC adapter and power cable.
 - Make sure to avoid octopus wiring.
 - Make sure the plug is not dusty before inserting it into an outlet.
 - Insert the plug firmly into the outlet.
 - Do not hold the AC adapter or the plug with wet hands.
 - Do not pull the power cable when disconnecting the plug. Be sure to hold the plug when disconnecting it.
 - Do not make any modification to the AC adapter or power cable.
 - Do not apply strong shocks to or put a heavy object on the AC adapter or power cable.
 - Do not bend or twist the AC adapter or power cable forcibly.
 - Do not place the AC adapter or power cable near a heater.
- Do not use any damaged AC adapter or power cable. Otherwise, damage, overheating or smoking may occur, which may result in fire or electric shock.
- Do not touch the plug during thunderstorms.

When using this product

- Do not apply any strong force or shocks to the product such as standing on, dropping or hitting it. Otherwise, the product may be broken, which may result in fire or electric shock. If it is damaged, turn off the power immediately, unplug the AC adapter, and then contact the Epson Labelworks PX customer support center. Continuous use may result in fire or electric shock.
- Take care not to spill any beverage such as tea, coffee or juice onto the product, or to spray aerosol insecticide. It may cause malfunction, fire, or electric shock. If any liquid has been spilled on the product, turn off the power, unplug the AC adapter, and then contact the Epson Labelworks PX customer support center. Continuous use may result in fire or electric shock.
- Do not touch the printhead because it becomes very hot. Otherwise, there is a risk of burns.
- Do not open any covers other than the top cover. Doing so may result in fire or electric shock. Always use the product as instructed in this manual. Otherwise, damage or injury may occur.
- Never modify or disassemble this product. Doing so may cause fire or electric shock. Do not carry out any operations not described in this manual, or the product may break or cause injury.
- If any of the following abnormalities is observed, turn off the power immediately, unplug the AC adapter, and then contact the Epson Labelworks PX customer support center.
 - If smoke, strange odours or unexpected noises come from the product
 - If liquid or foreign objects get inside the product
 - If the product has been dropped or damaged
- Do not touch the tape eject slot, during printing or when the auto cutter is in operation. Otherwise there is a risk of injury.
- May exert electromagnetic interference on, and cause malfunction of, cardiac pacemakers. Before using this product, check that there is no one in the vicinity using a cardiac pacemaker.
- May exert electromagnetic interference on, and cause malfunction of, sensitive medical equipment. Before using this product, check that there is no sensitive medical equipment in the vicinity.
- Use of this product on aircraft may be restricted in some countries. Before using this product, check that use of this product is not restricted on the aircraft.

When handling the auto trimmer

- When removing the trimmer box, make sure to turn the power off. If the product operates without the trimmer box, injury or damage may occur with the blade inside the product.
- When cleaning the trimmer box, do not touch the trimmer blade, as there is a risk of injury. Do not insert anything other than labels into the trimmer inlet slot. Otherwise, damage to the trimmer may occur.

When handling the auto cutter

- Do not touch the tape outlet slot (where the labels come out) during printing or when the auto cutter is in operation. Otherwise, there is a risk of injury.

When handling the half cutter

- Do not touch the tape outlet slot (where the labels come out) during printing or when the auto cutter is in operation. Otherwise, there is a risk of injury.

Others

- Do not use or store the product, AC adapter, power cable, USB cable or tape cartridges in the following places.
 - In direct sunlight.
 - Where it may become extremely hot such as in a vehicle with the windows closed.
 - Where it may become extremely hot such as near a heater or the temperature becomes very unstable such as near the exhaust duct of an air conditioner.
 - Where the product may get wet due to a shower or rain such as in a bathroom or outdoors.
 - In a dusty place or where the product may be exposed to smoke or steam such as near the kitchen or a humidifier.
 - On an unstable place such as on a shaky table or on an inclined place.
 - Where it might be subjected to vibration or shock.
 - Near high-voltage power lines or something that generates a magnetic field.
- Keep the plastic bags used to contain the product or this manual out of reach of children. Children may suffocate if they swallow them or put their heads into the bags.

CAUTION

When using the AC adapter and power cable

- Do not unplug the AC adapter while the product is in operation, otherwise printing may not be successful.
- Do not use the AC adapter in a small, confined space, or cover it with a cloth. Otherwise, the AC adapter may overheat and deteriorate.

When using this product

- Do not stand or put anything heavy on the product or place it on an unstable place such as on a shaky table or on an incline. Otherwise, the product may fall and cause injury.
- To ensure safety, unplug this product before leaving it unused.
- Before cleaning, make sure to unplug the AC adapter from the outlet.
- Do not use a moistened cloth or solvents such as alcohol, thinner or benzene.
- Do not block or insert objects into the supplied AC adapter socket or the tape eject slot.
- To comply with RF exposure compliance requirements, a distance of at least 22 cm must be maintained at all times between the antenna of this product and people in the vicinity.

When handling tape cartridges

- Make sure to use a dedicated PX Tape.
- Some types of tape cannot be cut by the cutter. For the details, refer to the tape's manual.
- Do not drop it or disassemble it. Doing so may cause damage.
- Do not pull out the tape forcibly by hand. But make sure to feed the tape. Otherwise, the tape cartridge may be broken and unusable.
- Avoid using a tape cartridge without remaining tape. Doing so may cause overheating of the printhead, which may result in damage or malfunction.

MEMO

Tape cartridges contain ink ribbons in them. When disposing of tape cartridges, make sure to follow the local regulations for disposal.

Frequency Precautions

The frequency band for this product is 2.4 GHz. This frequency range is the same frequency bandwidth as industrial, scientific, and medical devices such as microwave ovens and mobile unit identification (RF-ID) systems (licensed premises radio stations and unlicensed specified low-power radio stations) used in factory production lines. Before using this product, check that there are no radio stations for mobile unit identification or specified low-power radio station premises nearby. In the event that this product should interfere electromagnetically with the premises of a radio station used for mobile unit recognition, cease use immediately and stop generating the electromagnetic field. Contact the Epson Labelworks PX customer support center if this product interferes electromagnetically with a special low-power radio station used for mobile unit identification or causes similar problems.

International Travel Precautions

Wireless devices are designed to conform to the channel and frequency limits of the country they are intended to be used in. This product is based on the specifications of the country of sale. If this product is used outside the country of sale, check with the Epson Labelworks PX customer support center for more information.

Notes on Security when Using Wireless LAN

(Important information on customer rights (maintaining privacy))
The advantage of using a wireless LAN over a LAN cable is that, because information is exchanged using radio signals, you can easily connect to the network if you are within range of the radio signals. A disadvantage of this is that within a certain range, the electromagnetic signals can pass through barriers such as walls, so that if security countermeasures are not implemented in some way, problems such as the following may occur.

- Communicated data can be intercepted
- A third party may be able to receive wireless transmissions without authorization, and they could obtain personal information from these transmissions such as IDs, passwords, or credit card numbers, or they could intercept the contents of personal e-mail messages.
- Unauthorized access to the network
- A third party could access an individual or intra-company network without permission and carry out any of the following activities.
 - Retrieve personal data or other secret information (information leakage)
 - Pose as another user and send inappropriate data (impersonation)
 - Overwrite the contents of intercepted data and resend it (falsification)
 - Introduce a computer virus which could cause data loss or system crashes (damage)

Cleaning

WARNING

To prevent the risk of cuts, never insert fingers in the PeelGuard®.

CAUTION

Always turn the printer OFF before cleaning. Always use dedicated tape cartridges having the symbol.

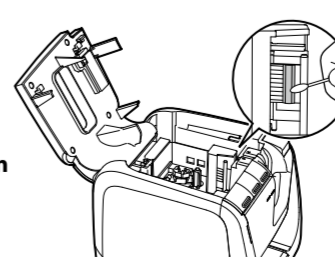
Printer

Wipe the printer with a soft, dry cloth. Never use solvents or chemicals such as benzene, paint thinner or alcohol. Never use a chemical cloth.

Print head

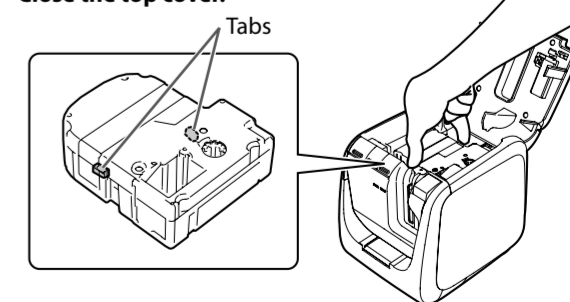
If streaks or smears appear on printouts, use a cotton swab or similar materials to wipe dirt off the print head.

1. Press the button to open the top cover.
2. Clean the print head.
3. Close the top cover.



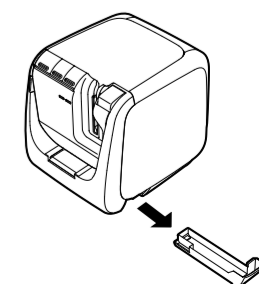
Replacing the tape cartridge

1. Press the button to open the top cover.
2. Hold the tape cartridge by the tabs, and lift it straight up.
3. Place a new tape cartridge in the printer.
4. Close the top cover.



PeelGuard®

1. Pull out the tray.
2. Remove the tape scraps, then insert the tray back in the printer.



Using the Printer

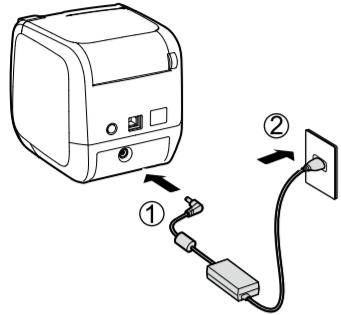
This section describes all the procedures from printer setup to printing and attaching a label. The descriptions of computer connection and other procedures are for Windows. If using the Mac, refer to the "Label Editor Lite for Macintosh User's Guide."

Printer Setup

1. Connecting the power cable

CAUTION
Always use the AC adapter provided.

1. Connect the AC adapter provided (AST1527Z1-1) to the printer, and plug the power plug into a power outlet.

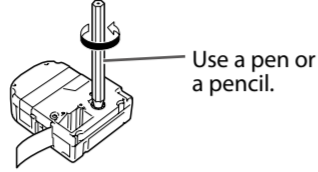


Auto power-off
The printer's power turns off automatically when the printer has not been used for about 8 hours.

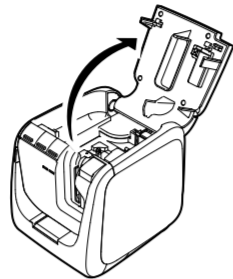
2. Inserting the tape cartridge in the printer

CAUTION
Always perform the tape feed operation after inserting a tape cartridge in the printer.

1. Remove any slack in the tape inside the tape cartridge.

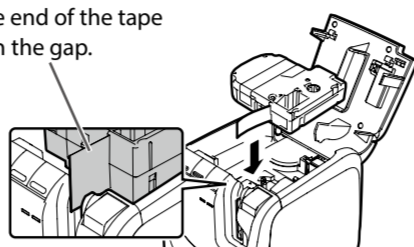


2. Press the button to open the top cover.

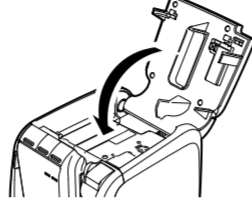


3. Insert the cartridge as shown and press it down firmly until it snaps into place.

Pass the end of the tape through the gap.



4. Close the top cover.



5. Perform the tape feed operation.

- 1) Press the button to turn the printer power ON.
- 2) Press the button.

Downloading Printer Driver and Software

Download the Epson software necessary to create labels on your computer or mobile device, and to print them from the printer.

Mobile Device

Epson Applications (Install the following applications.)

- Epson Label Editor Mobile
- Epson Datacom



Where to download the software

For iOS smart device: App Store
For Android smart device: Google Play

Computer

The following pieces of software are necessary to use the printer from your computer.

- Printer driver /Network Configuration Tool
- Label editing software
- User's Guide of the label editing software (as needed)

Windows

Download from the website shown below. Using "setup.exe" to install the software and printer driver.

<https://labelworks.epson.com/downloads/>

Mac

Download from the website shown below. You can also get the Label Editor Lite User's Guide using "LabelWorksDriver_XX.XX.dmg".

<https://labelworks.epson.com/downloads/>

- Label editing software Available on the App Store. Search the software by its name "Label Editor Lite", then install it.

Determining the computer connection method

The printer supports wireless LAN connection, wired LAN connection and USB cable connection. The connection method will vary according to the environment it is installed in. Use the flowchart below to carry out the connection procedure.

Start

Can the computer be connected to the printer be connected to the Internet?

Yes

No

Does the computer have a wireless LAN function?

No

Yes

Connect the printer with a USB cable.



Label Editor User's Guide

Connect the printer on a Wireless LAN (Access point Mode).



Network Configuration Guide "Setting up a wireless LAN connection (Access point Mode)"

Is there a broadband router or access point, and is a wireless LAN function supported?

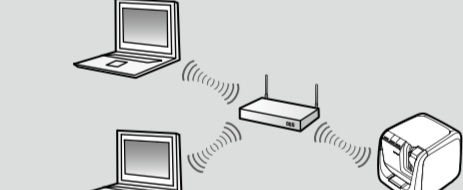
No

If a LAN cable is connected to the computer, a wired LAN connection can be used.



Network Configuration Guide "Configuring settings for a wired LAN connection"

Connect the printer on a Wireless LAN (Infrastructure Mode).



Does the access point have a WPS button?

No

Use one of the following methods to set the connection:

- Use a PIN code to set the connection
- Set the connection manually

Network Configuration Guide "Wireless LAN settings using a PIN code (when automatically acquiring the IP address from the printer)", "Setting the IP address for the printer manually"

Use the push button auto-connection function to set the connection.

Network Configuration Guide "Configuring settings for a wireless LAN using automatic push button configuration (WPS)"

MEMO
Wireless LAN connection, wired LAN connection and USB connection can be used at the same time in any combination.

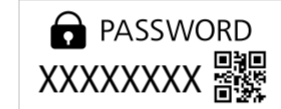
Default administrator password for setting / Default password for Access point

The default passwords are as follows:

Password label	Password
Attached on the product	Printed on the label
Not attached on the product	Administrator password: Not set Password for Access point: 12345678

The position where the label is attached depends on the product, such as the back or the bottom.

<Password label example>



If the password label is lost, the default password can be checked by printing the status sheet.

<Example>

<General>		<WLAN Simple AP>	
Software	2.222	SSID	DIRECT-LW-PX800XXXXXXXXXX
Printer	LW-PX800XXXXXX	Password	XXXXXXXXXX
Bonjour	EPSON LW-PX800		
WLAN Mode	Infrastructure		
<LAN>			
IP	Auto(192.168.0.1/255.255.255.0)		
MAC	XXXXXXXXXXXXXX		
<WLAN Infrastructure>			
IP	Auto(0.0.0.0/255.255.255.0)		
MAC	XXXXXXXXXXXXXX		
SSID	SSIDXXXXXXXXXX		

To improve security, it is recommended to change the administrator password from the default password.

The password can be changed using the Network Configuration Tool.

[Download](#) Printer Driver and Software

Connecting a Mobile Device

MEMO

- For details of how to operate a particular mobile device, read the instruction manual for each device.
- For the SSID, password, etc. of the access point, read the instruction manual for each device or contact the network administrator.
- Checking the printer setting contents

When you press the button on the printer for 3 seconds or more, a label is printed indicating the current settings.

<Example>

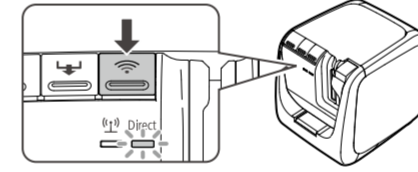
<General>		<WLAN Simple AP>	
Software	2.222	SSID	DIRECT-LW-PX800XXXXXXXXXX
Printer	LW-PX800XXXXXX	Password	XXXXXXXXXX
Bonjour	EPSON LW-PX800		
WLAN Mode	Infrastructure		
<LAN>			
IP	Auto(192.168.0.1/255.255.255.0)		
MAC	XXXXXXXXXXXXXX		
<WLAN Infrastructure>			
IP	Auto(0.0.0.0/255.255.255.0)		
MAC	XXXXXXXXXXXXXX		
SSID	SSIDXXXXXXXXXX		

Connecting to a printer one-to-one (Access point Mode)

Connecting manually

Select the SSID of the printer and connect.

1. Press the button on the printer until the Direct lamp starts flashing to set the printer connection mode to Access point mode.



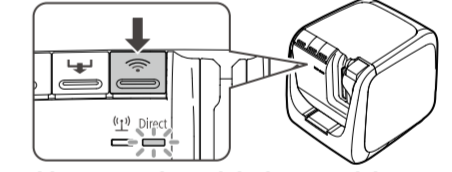
2. Enable Wi-Fi* on the mobile device.

3. From the network list, select the SSID of the printer and then enter the password on the password entry screen.

Connecting with WPS

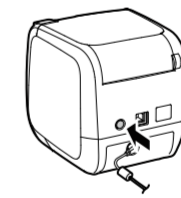
This can be set when a mobile device supports WPS.

1. Press the button on the printer until the Direct lamp starts flashing to set the printer connection mode to Access point mode.



2. Enable Wi-Fi* on the mobile device and then tap the WPS push button.

3. Press the WPS button on the printer.



Connecting to a printer connected to the network

Connecting manually

Select the SSID of the access point and connect.

1. Enable Wi-Fi* on the mobile device.
2. From the network list, select the SSID of the access point and then enter the password on the password entry screen.

Connecting with WPS

This can be set when a mobile device supports WPS.

1. Enable Wi-Fi* on the mobile device and then tap the WPS push button.
2. Press the WPS button on the access point.

Creating a Label

1. Creating a label

Create a label using software such as EPSON Label Editor or Epson Label Editor Mobile.

MEMO
Epson has a variety of custom tapes available for many different applications.

2. Printing a label

When using a computer

1. Click the Print icon.

When using a smart device

1. Tap the Print icon.

3. Attaching a label

1. Peel off the backing paper.



2. Attach the label and rub it firmly.



MEMO

If you set the tape cutting method to "Half cut", only the label surface is cut when several labels are printed consecutively, making it easier to peel off the labels. See the Label Editor User's Guide for the detailed procedures.

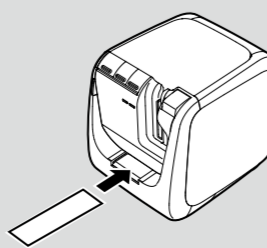
[Label Editor User's Guide](#)

Cutting rounded label corners

You can use the PeelGuard* to round off label corners.

1. Insert the tape in the tape insertion slot, following the guide.

The tape is cut to form rounded label corners.



Troubleshooting

This section describes how to resolve printer operation and label printing problems. See the Network Configuration Guide for how to deal with network settings or connection problems.

Printer's button does not light.

Check that the power cable is properly connected. If the button still does not light, contact your place of purchase or the Epson Labelworks PX customer support center.

Printer does not print when print operation is directed.

- If a message is displayed on your computer screen, check the message information.
- Check that connection cables are connected properly, that the tape cartridge is mounted properly, and that the cover is closed properly.
- Have you selected the printer to be used? Printing will not be done properly if another printer is selected.
- Did you restart the computer after installing the printer driver? The printer driver may not be installed correctly if the computer was not restarted. Reinstall the printer driver.

Text is not printed properly.

- Check that the tape cartridge is properly mounted.
- Print at a low speed. Change the setting in the printer settings of the printer driver.

Lines appear on printed labels.

The print head is dirty. Clean the print head.

Canceling a print job

Check the printer's power in ON, then press the button on the front of the printer briefly once.

Labels are not cut automatically

- Check if the cut setting is set to "Don't cut" in the printer settings of the Label Editor software. [Label Editor User's Guide](#)
- Is the cutter blade worn? Prolonged use of the cutter can wear down and blunt the blade. Contact the Epson Labelworks PX customer support center.

Half cut function doesn't work properly.

- Is the printer set to "Half cut" or "Don't cut"? Check the settings.
- Is the cutter blade worn? Prolonged use of the cutter can wear down and blunt the blade. Contact the Epson Labelworks PX customer support center.

Trimmer doesn't cut properly.

- Is the printer printing? The trimmer doesn't operate during printing.
- Was the label inserted properly in the trimmer tape insertion slot? Insert the label into the slot following the guide.
- Is the printer clogged with tape scraps? Remove the trimmer cover, and remove the tape scraps.
- Are you using a tape whose width is 6 mm or shorter? You cannot cut those narrow tapes with the trimmer.
- Is the cutter blade worn? Prolonged use of the cutter can wear down and blunt the blade. Contact the Epson Labelworks PX customer support center.