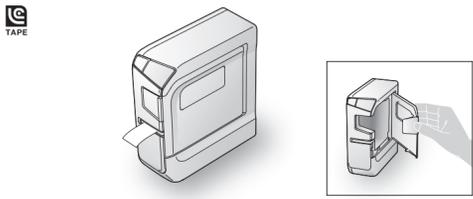




**LABELWORKS
LW-600P**

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 your local Epson customer support center. See the Epson website for more information.

Bluetooth® and the Bluetooth logo are the trademarks of Bluetooth SIG, Inc.

International ENERGY STAR® Compliance Statement

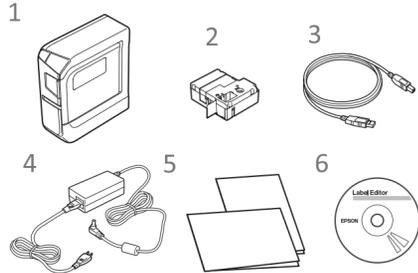
The purpose of the International ENERGY STAR® Program is to promote the development and popularization of energy-efficient office equipment.

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-600P**
- 2 **Tape cartridge**
- 3 **USB cable**
- 4 **AC adapter (AST1116Z1-1)**
- 5 **Documents**
 - Installation Manual (this sheet) Describes the setup procedures needed to use the printer, and provides information on printer problems and safety.
 - Supplies Catalog Epson has a variety of tapes for many different applications. The Supplies Catalog has information on tape cartridges and other consumable parts for the printer.
- 6 **Label Editor DVD-ROM (for Windows only)**
 - Contains the following items:
 - **Software**
 - **Label Editor** Software used for label editing. Used with a computer to create labels that can be printed with the printer. To be installed in the computer connected to the printer.
 - **Printer driver** To be installed in the computer connected to the printer.
 - **Network Configuration Tool** To be installed in the computer connected to the printer if using a network-compatible printer model. (This printer is not network compatible.)
 - **Instruction manuals**
 - **Label Editor User's Guide** Describes how to use the Label Editor software.
 - **Network Configuration Guide** Describes the network connection method. Read this guide if using a network-compatible printer model. (This printer is not network compatible.)

6 Label Editor DVD-ROM (for Windows only)

Contains the following items:

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To view the documents, you need Adobe Reader.

MEMO

If using Mac OS X, download the software and printer driver from the Epson website. See the Epson website for more information. <http://www.epson.com>

Opening the instruction manuals

Follow the steps below to view the instruction manuals on the DVD-ROM.

1. **Insert the DVD-ROM in the computer's DVD-ROM drive.**

2. **Click "User's Guide".**



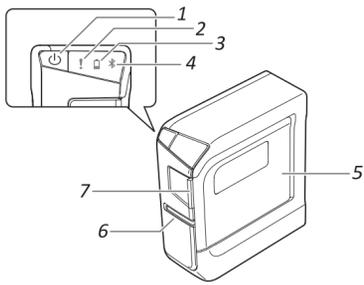
3. **Click the manual you want to view.**



The selected instruction manual is displayed.

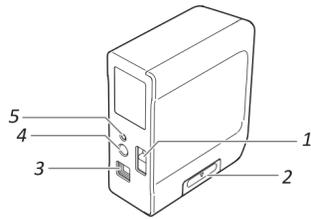
Names and Functions of Parts

Front



1. **button** Turns the printer power ON/OFF.
2. **lamp** Indicates the printer's error status.
3. **lamp** Indicates the printer battery's remaining charge (approximate).
4. **lamp** Indicates the printer's status.
5. **Printer cover** Can be opened to insert a tape cartridge, or for print head cleaning.
6. **Tape outlet** Printed labels come out here.
7. **Printer cover tab** Pull this tab to open the printer cover.

Rear



1. **Security hole** Lets you secure the printer to a desk or post with a commercial security wire lock or similar tool.
2. **Battery cover** Opened when inserting or replacing batteries.
3. **USB port** Connects the included USB cable.
4. **Power jack** Connects the included AC adapter.
5. **Bluetooth button** Press this button and the button at the same time to enable/disable Bluetooth.

Specifications

Printer

Dimensions	Approx. 54 (W) x 132 (D) x 146 (H) (mm)
Weight	Approx. 440g (excluding batteries, tape cartridge)
Supported tape width	6 mm, 9 mm, 12 mm, 18 mm, 24 mm
Interface	USB 1.1 Full-speed, Bluetooth
Operating temperature	5 to 35 degrees C
Storage temperature	-10 to 55 degrees C

Software operating environment

Label Editor/Label Editor Lite	
Supported operating systems	Windows Mac OS X
Occupied hard disk space	Windows: About 300 MB Mac OS X: About 40 MB
External drive	DVD-ROM drive
Display	1,024 x 768 (XGA) or higher resolution
Interface	USB 1.1 Full-speed

Power Supply

AC adapter	Type	AST1116Z1-1
	Manufacturer	Seiko Epson Corp.
	Input	AC100-240V, 0.4A, 50-60Hz (dedicated adapter, power cable only)
	Output	DC11V, 1.64A
	Total output power	18.04 W
Battery		AA alkaline battery x 6

Epson iLabel

Supported OS	iOS Android
Communication method	Conforms to Bluetooth® Specification Version 2.1 + EDR
Output	Bluetooth® Specification Version Power Class 2
Maximum communication distance	About 10 m Guideline figure. Actual communication distance may vary depending on surrounding environment.
Frequency band	2.4 GHz band (2.4000 to 2.4835 GHz)
Profile	SPP

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.

⚠ DANGER
This symbol indicates information that, if ignored, could possibly result in serious or fatal personal injury. Take extra caution in performing procedures with DANGER headings.

⚠ 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.

⚠ DANGER
When handling batteries

⚠ If liquid leaking from an alkaline battery gets into your eyes, do not rub your eyes but immediately wash them well with clean water and contact a doctor. Otherwise, it may cause blindness.

⚠ 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 handling batteries

⚠ Keep batteries out of reach of children. They are extremely dangerous if swallowed.

⚠ 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 remove the batteries, and then contact the Epson customer support centre. 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 remove the batteries immediately, and then contact the Epson customer support centre. 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 or battery 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 remove the batteries, and then contact the Epson customer support centre.

- 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 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, batteries, AC adapter, power 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 handling batteries

⚠ If liquid leaks from a battery, wipe it off with a cloth and replace it with a new one. If the liquid comes in contact with your skin, wash it away with water immediately.

⚠ If the batteries are used incorrectly, they may cause leakage, overheating, explosion, erosion, or damage to the product, which may result in fire or injury.

- Do not use new ones and old batteries together, or mix different types of batteries.
- Use AA alkaline batteries.
- Use batteries in the correct directions.
- Take the batteries out immediately when they have no power remaining.
- Take the batteries out if you do not use the product for a long time.
- Do not heat batteries or throw them in fire or water.
- Do not pinch the batteries with metal tweezers or use any pointed sharp metal object such as the tip of a mechanical pen or ball-point pen when taking the batteries out.

⚠ When disposing of used batteries, make sure to follow the regulations.

⚠ 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.

⚠ Do not block or insert objects into the included 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.

Others

⚠ The included disc is a data DVD-ROM for computers. Do not play it in an audio DVD player. Otherwise a very loud sound may be emitted, causing risk to both your hearing and your audio equipment.

⚠ Be careful of continuous use of which may cause eye fatigue.

When handling tape cartridges

- Make sure to use a dedicated LC 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.

DVD-ROM software

Take care to prevent the DVD-ROM from being subjected to excessive force or becoming scratched. Do not store the DVD-ROM in excessively hot or cold locations.

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 your local Epson 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 your local Epson customer support center for more information.

Other cautions

- Take care not to cut your fingers when cutting the label with scissors.
- Do not attach a label on human bodies, living things, public facilities or other people's belongings.
- Be sure to turn the power off after use.

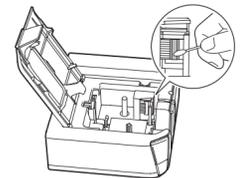
Cleaning

⚠ CAUTION
Always turn the printer OFF before cleaning. Never use solvents or chemicals such as benzene, paint thinner or alcohol. Never use a chemical cloth. Always perform the tape feed operation after inserting a tape cartridge.

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.

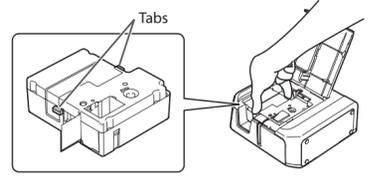
1. **Pull the tab to open the printer cover.**
2. **Clean the print head.**



3. **Close the printer cover.**

Replacing the tape cartridge

1. **Pull the tab to open the printer cover.**
2. **Remove the tape cartridge by pressing in the tabs on both sides.**



3. **Place a new tape cartridge in the printer.**
4. **Close the printer cover.**

Procedures for first-time printer use

Using mobile device

1. Printer setup (power supply, tape cartridge)
2. Download and install a dedicated application
3. Connect the printer to your mobile device
4. Start the dedicated application on your mobile device to create/print label
5. Attaching a label

Using computer

1. Printer setup (power supply, tape cartridge)
2. Start computer
3. Insert included DVD-ROM, install editing software and printer driver, and connect the included USB cable
4. Start the dedicated software on your computer to create/print label
5. Attaching a label

MEMO

The printer can be connected to a computer and a mobile device at the same time, but once you have executed a printing or other operation from one of these devices, you can no longer operate it from the other device. Similarly, when the printer is communicating wirelessly (pairing) with one mobile device, the printer cannot be operated from another mobile device.

Printer Setup

1. Prepare the power supply.

You can use the printer by one of the two methods below.

Using batteries

CAUTION
Always use AA-size alkaline dry cell batteries.

1. Open the battery cover at the bottom of the printer.



2. Insert batteries.
Batteries: AA alkaline battery x 6



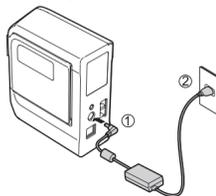
3. Close the battery cover.



Using the AC adapter

CAUTION
Always use the included AC adapter.

1. Connect the included AC adapter (AST1116Z1-1) 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 a preset amount of time.
Preset time when using the AC adapter: About 8 hours
Preset time when using batteries: About 20 minutes

2. Inserting the tape cartridge in the printer

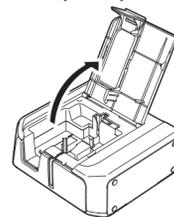
CAUTION

Always use dedicated tape cartridges having the symbol. Always perform the tape feed operation after inserting a tape cartridge.

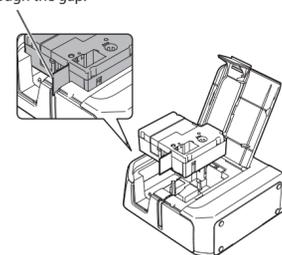
1. Remove any slack in the tape inside the tape cartridge.



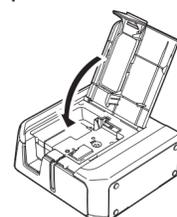
2. Pull the tab to open the printer cover.



3. Place a tape cartridge in the printer as shown.
Pass the end of the tape through the gap.



4. Close the printer cover.



Connecting a Mobile Device

Connect the printer to your mobile device using a Bluetooth connection. Install the dedicated application "Epson iLabel" in the mobile device.

1. Install dedicated software, "Epson iLabel"

Where to download the software



Application installation procedures and information on application functions are provided on the software download page. See the Epson website for information on the latest supported operating systems.
<http://www.epson.com>

2. Bluetooth connection setup (pairing)

CAUTION

Place your mobile device no more than one meter away from the printer when making the settings.

iOS Devices

1. Turn the mobile device power ON.
2. From "Settings" in the home screen, tap "General". Then, select "Bluetooth", and turn the "Bluetooth" selection ON.
3. The printer is displayed under "Devices". Tap the printer.
4. When a message to confirm connection with the printer appears, tap "Pair".
It may take some time for the printer to be displayed. Pairing is completed.

Android Devices

1. Turn the mobile device power ON and start the "Epson iLabel" software.
2. From "Settings" in the home screen, tap "Wireless & Network" and check "Bluetooth" checkbox.
3. Tap "Scan for devices".
Scanning starts.
It may take some time for the printer to be displayed.
4. The printer is displayed when scanning has finished. Tap the printer.
Pairing is completed.

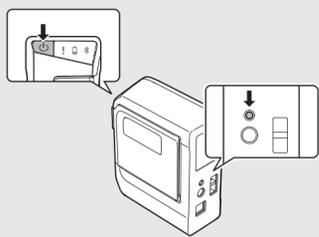
Check that Bluetooth is enabled on the printer before performing the procedure.

The lamp fading in and out when Bluetooth is enabled on the printer.



If Bluetooth is disabled on the printer, enable Bluetooth following the steps described below.

1. Press the button to turn the printer power OFF.
2. Press the button and the Bluetooth button at the same time.



Creating a Label

1. Creating and printing a label

Using mobile device

Use the dedicated application "Epson iLabel" to create and print labels. See the Epson website for more information.
<http://www.epson.com>

Using computer

Create labels with the label editing software "Label Editor" and print. See the following manual for the procedure:
Label Editor User's Guide.

The shortest label you can create with this printer is approximately 22 mm long. When creating a label shorter than 22 mm long, cut the margins with scissors.

2. Attaching a label

Peel off the backing paper of the printed label to stick it onto an object.

1. Peel off the backing paper.

Backing paper



2. Attach the label and rub it firmly.



When Finished Using Printer

When printer is connected to a mobile device using a Bluetooth connection

1. Press the button to turn the printer power OFF.
2. Turn off Bluetooth on your mobile device.

When printer is connected to computer with a USB cable

1. Press the button to turn the printer power OFF.
2. Disconnect the USB cable.
3. Unplug the power cable from the outlet, and disconnect the AC adapter plug from the printer.

Connecting a Computer

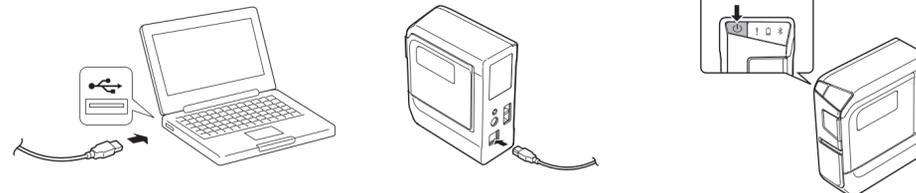
Use the included USB cable to connect the printer to the computer.

- Windows
Install the editing software and printer driver from the included "Label Editor DVD-ROM".
- Mac OS X
Download the editing software and printer driver from the Epson website: <http://www.epson.com>

CAUTION

• The editing software and printer driver must be installed in the computer before doing the steps below. See the following manual for the procedure: Label Editor User's Guide.
• Do not connect the printer and computer before installing the software. Connect the printer as directed in the installation screen.

1. Start the computer, and connect the included USB cable.
2. Connect the USB cable to the printer's USB port.
3. Turn the printer power ON.



Troubleshooting

Meanings of lamps

The lamps indicate printer statuses.

Lamp's condition			Printer status
*: Depends on printer operation status --: Unlit			
	*	Fading in and out	Bluetooth enabled.
	*	Lit	Bluetooth connection completed.
	*	Flashing quickly	Performing operation such as printing or label cutting.
	*	Flashing (once every 5 seconds)	Bluetooth disabled.
	--	--	Power OFF.
	Lit	*	Low batteries and need to be replaced. Have replacement batteries ready.
	Flashing quickly	*	Replace batteries.
	Flashing quickly	*	Printer error. Check the message displayed on the connected computer or the mobile device.

Problems not indicated by lamps

Printer power does not turn ON.

- Check that the power cable is connected properly, or that batteries have been properly inserted. If the power still does not turn ON, contact your place of purchase or the Epson Customer Support Center.
- If a message is displayed on your computer or mobile device screen, check the message information.

Unable to perform Bluetooth connection (pairing) with the printer

- Check to see if the printer's lamp is fading in and out. If not, enable Bluetooth on the printer and then try performing the operation.
- Check that the printer communicating with another mobile device. If the printer is already communicating with one mobile device, it is unable to communicate with another mobile device.
- If a message is displayed on your mobile device screen, check the message information.

Connection was interrupted during connection (pairing) with the printer.

- Check to see if the printer's lamp is fading in and out. If not, enable Bluetooth on the printer and then try performing the operation.
- If the printer is connected to a computer with a USB cable while the printer is communicating with a mobile device, the communication with the mobile device is terminated. Terminate the printer's connection to the computer, then redo the pairing setting.
- If a message is displayed on your mobile device screen, check the message information.

Printer does not print when print operation is directed.

- If a message is displayed on your computer or mobile device 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.

Lines appear on printed labels.

The print head is dirty. Clean the print head. See "Cleaning".

Cancelling a print job

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

Labels are not cut automatically

Is the cutter blade worn? Prolonged use of the cutter can wear down and blunt the blade. Contact the Epson Customer Support Center.