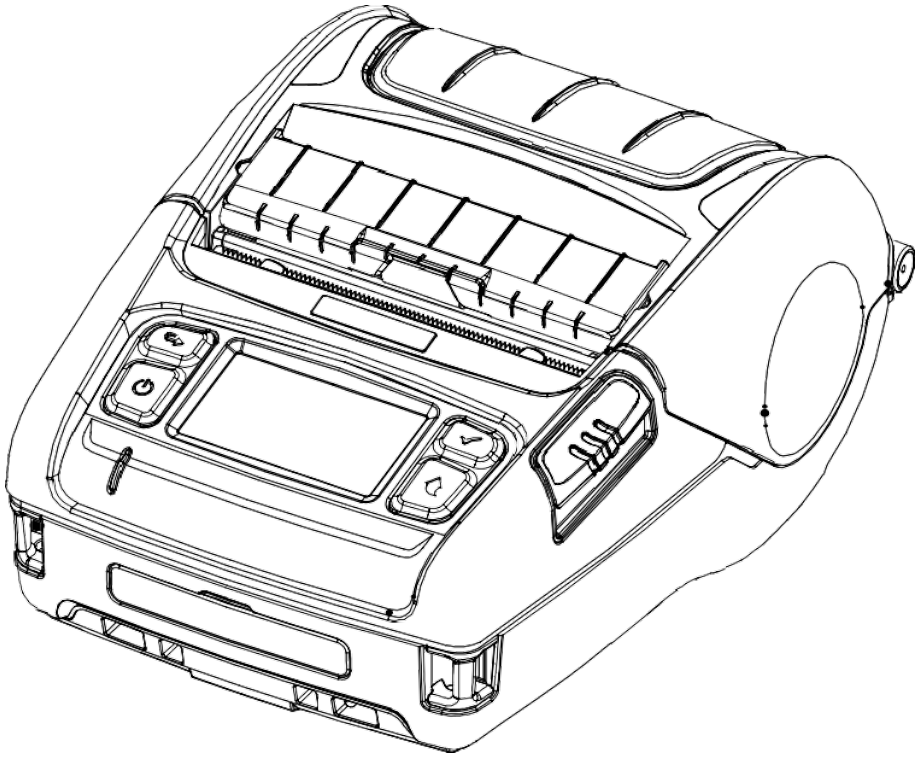
Avery Dennison® 9486

User's Manual



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1 Getting Started

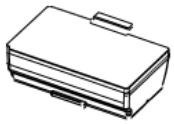
The Avery Dennison® 9486 printer is a 3-inch thermal printer which simultaneously connects with Bluetooth and WLAN. It is Ideal for smart mobility labelling due to its compact, lightweight design with an easy-to-open peeler and LCD.
Find additional manuals on our Website (www.identificationsolutions.averydennison.com).

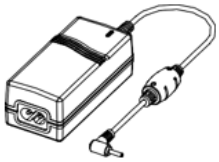
Printer Features

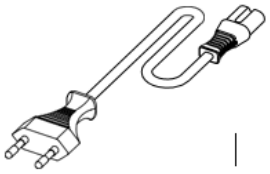
- 3inch mobile printer
- Maximum 5ips (127mm/s) printing speed.
- Compact and lightweight design (4.69” x 6.26” x 3.11”/119mm x 159mm x 79mm)
- Peel mode
- Paper guide (paper width: 1” ~ 3.15”/25 ~ 80mm)
- Wireless connectivity (Bluetooth V4.1(Classic / LE), Wireless LAN 802.11 a/b/g/n)

Package Contents

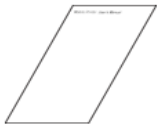
Avery Dennison® 9486


Battery Pack


AC Adapter

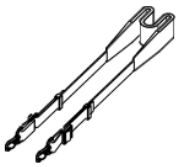

Power Cord

Belt Strap


Setup Guide

Paper Disks (for 0.47”/12mm inner diameter)

Optional items


Shoulder Strap

Cleaning Pen

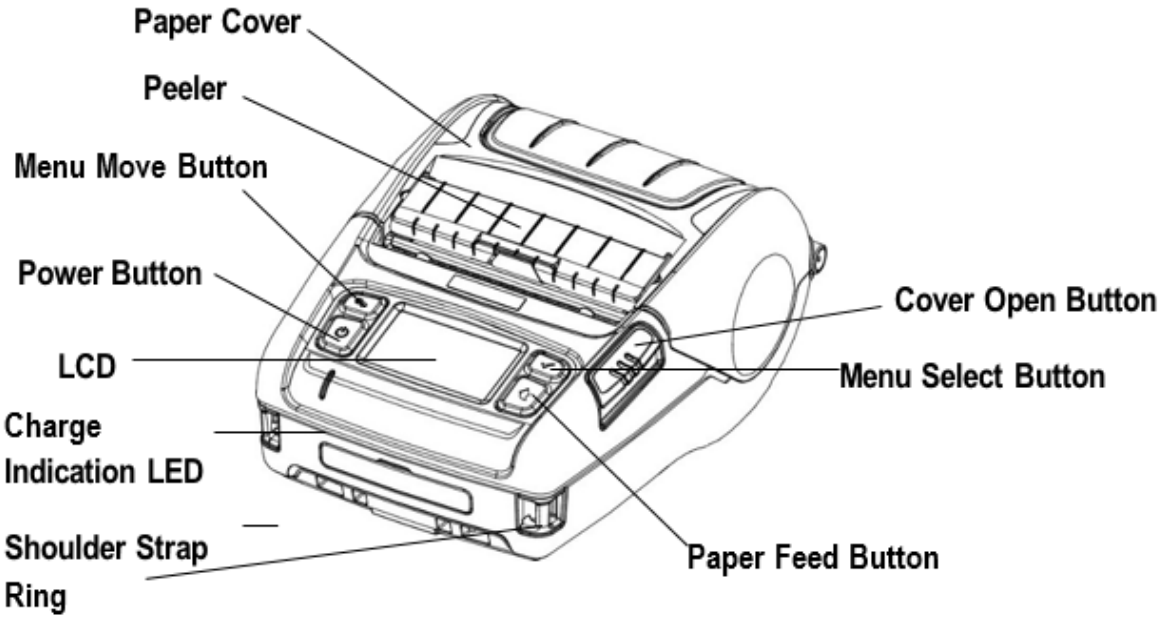
Single Battery Charger

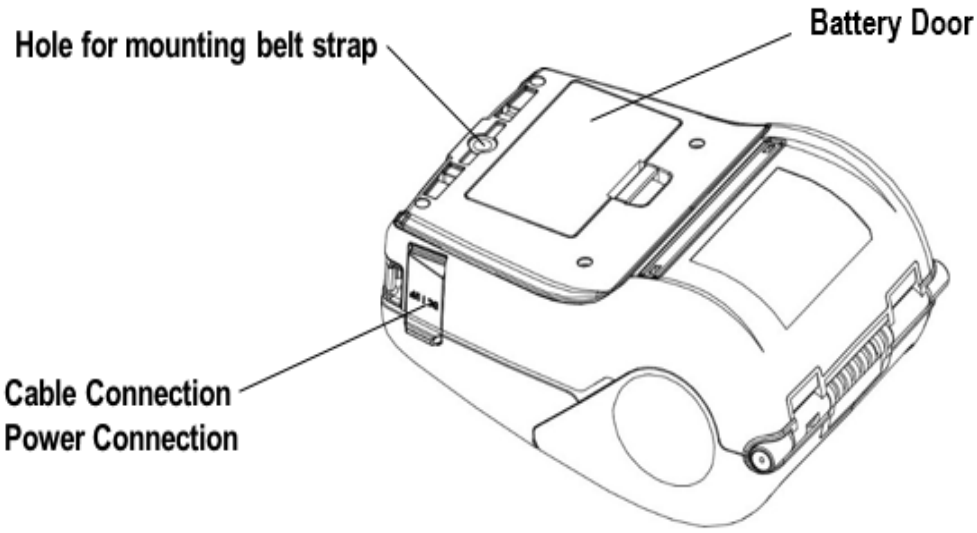
Quad Battery Charger

Interface Cable

Fixed Interface Cable

About the Printer





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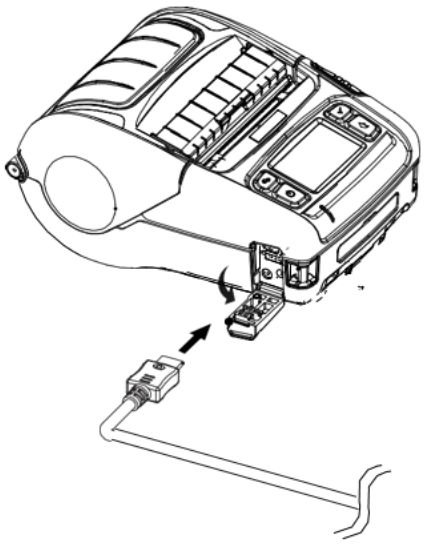
Connecting Cables

Communication Cable

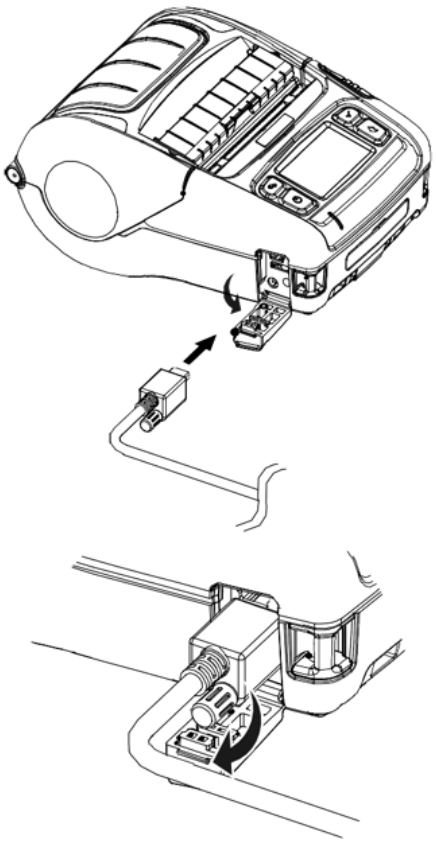
1. Open the Interface Cap.
2. Connect the communication cable to the cable connector of the printer.
3. Connect the interface cable to the USB port of the device (PDAs, PCs, etc.).



The optional communication cable that can be connected to the printer is 5-pin, Serial/USB cable provided by Avery Dennison.

Fixed Communication Cable

1. Open the Interface Cap.
2. Connect the external communication cable (optional) to the cable connector of the printer.
3. Fix the cable by turning the screw as shown.
4. Connect the cable to the USB port of the device (PDAs, PCs, etc.).



The optional fixed interface cable that can be connected to the printer is Serial/USB cable provided by Avery Dennison.

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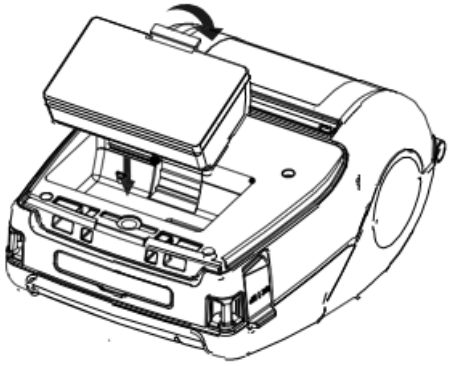
2 Using the Battery

Use only the provided battery and AC/DC adapter; voltage and electrical current specifications of the printer and battery charger must match or damage may occur.

Battery Installation

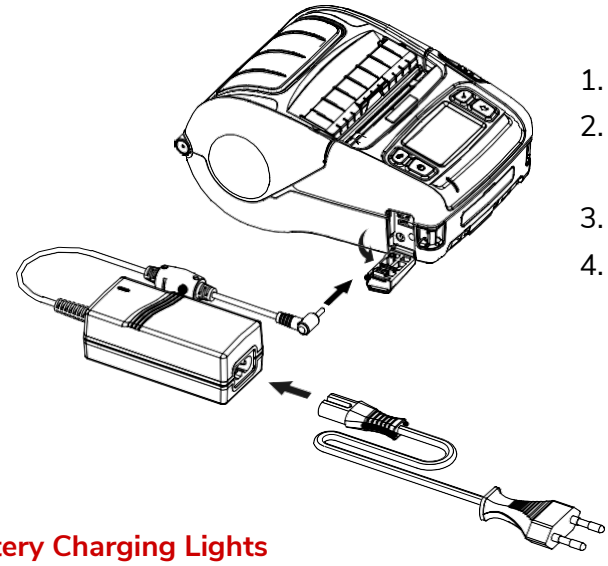


1. Insert the battery in the bottom of the printer, and ensure that you align the battery hook properly.
2. Push the battery into the slot until you hear it snap in place.

Fully charge the battery prior to use; use the AC/DC adapter or optional Single/Quad battery charger.

Battery Charging

Using AC/DC Adapter

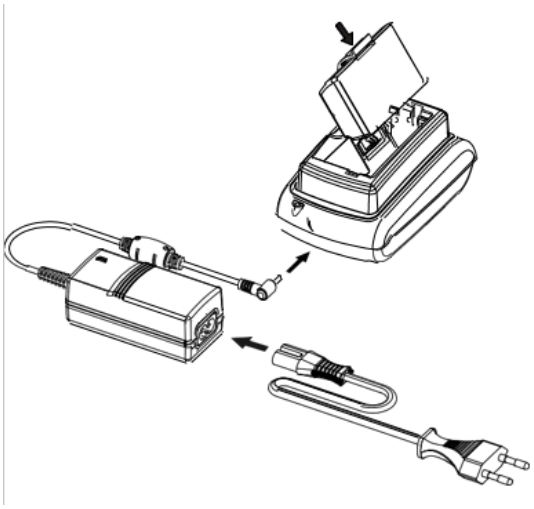


1. Turn off the printer power.
2. Connect the power cord to the AC/DC adapter and then connect AC power.
3. Open the cable port cover.
4. Connect the AC/DC adapter to the power connector.

Battery Charging Lights

LED	Charge Status	Charge Time
Red LED On	Charging	
Green LED On	Fully Charged	Within 3 hours
Red LED Blinking	Error Replace or Reinstall Battery	

Using the Single Battery Charger (Optional)

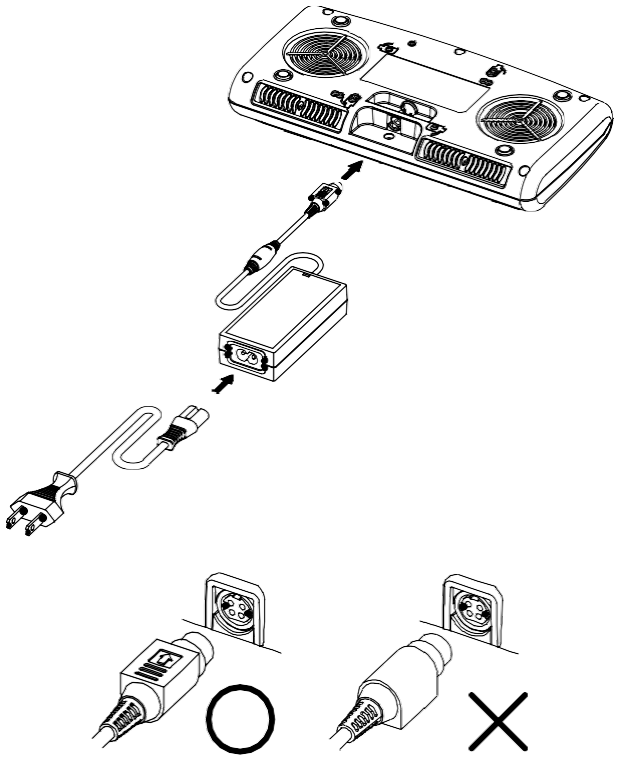


1. Connect the power cord to the battery charger.
2. Connect the battery charger to the power connector of the cradle.
3. Plug the power cord into an electrical outlet.
4. Insert the battery into the cradle until it clicks into place.

Using Quad Battery Charger (Optional)

Connecting the cables

1. Connect the power cord to the Adapter, and Connect the Adapter to the power connector of the quad battery charger.
2. Plug the power cord into a power Outlet. Input power is 100 ~ 240VAC, 50/60Hz, 1.0A.
3. When the power is supplied, the yellow, green and red LEDs are on for three seconds and do the self-test.



⚠ ***Warning*** Use only designated AC/DC Adapter. (12VDC, 3A)

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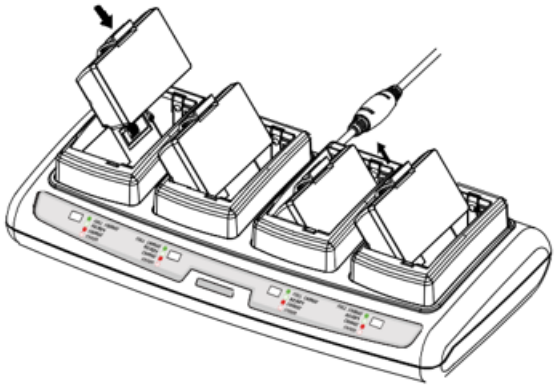
Charging Battery



1. Insert the battery into the Quad charger as shown in the figure on the left.
2. Gently slide the battery until it reaches the bottom of the charger.
3. Charging starts as soon as the battery is completely inserted.
4. After charging, remove the battery from the Quad charger.

Battery charging status descriptions are as follows.

LED	Charge Status	Charge Time
Red LED On	Charging	Within 4 hours
Green LED Blinking	Over 80% Charged	
Green LED On	Fully Charged	
Red LED Blinking	Error: Replace or Reinstall Battery	

⚠ ***Warning***

- If the red LED of the charger blinks, install the battery again.
- If the red LED continues to blink despite several attempts (4 ~ 5 times) to install the battery, contact Service
- The charging time may vary depending on the type of the charger

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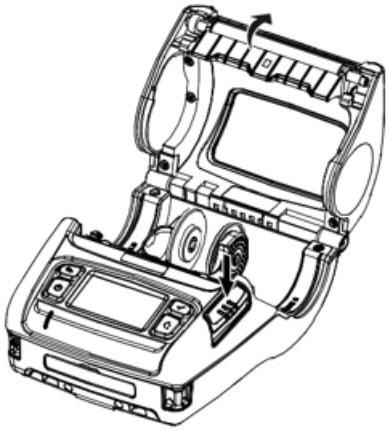
3 Loading Supply

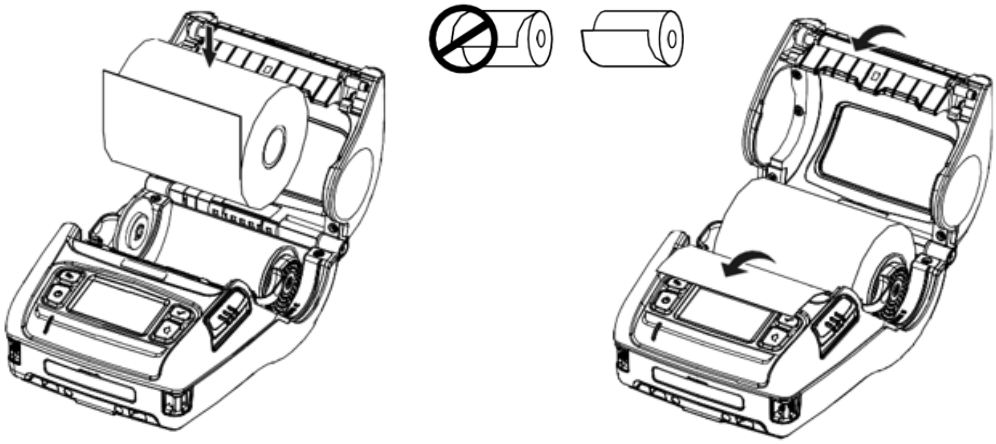
Supplies can be loaded for non-peel or peel mode.

Loading for Non-Peel Mode

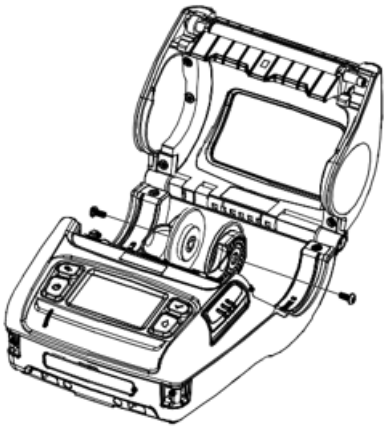
1. Press the Open button to open the paper cover. Remove the empty core if needed.



2. Insert the supply.



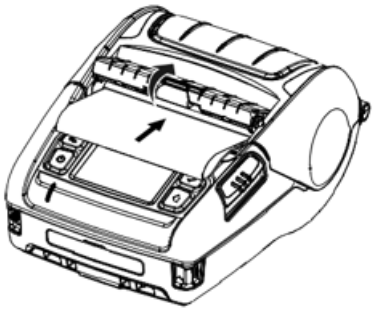
3. Pull out the paper and close the paper cover.



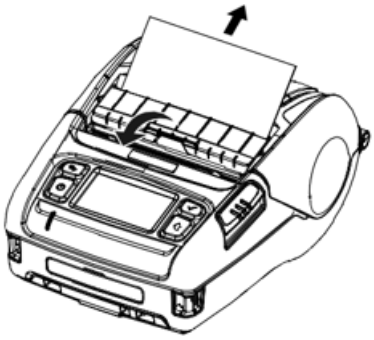
The specification of the paper inner diameter of the standard paper disks are 19 mm. If you are using paper with a smaller inner diameter, remove the paper disks as shown below and replace it with the supplied 12 mm paper disks.

Loading Supply for Peel Mode

1. Slide the peel bar then feed the supply under.

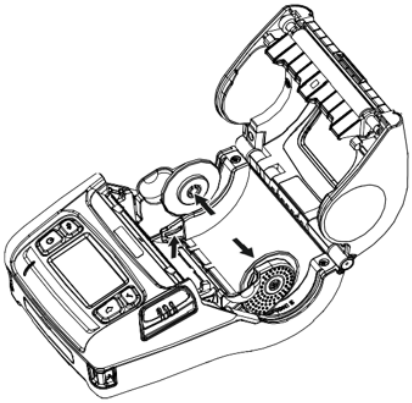


2. Slide the peel bar back then pull the paper.

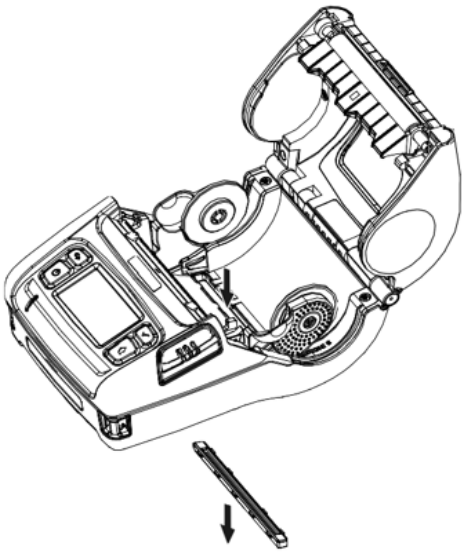


Loading Fan-Fold Supply

1. Hold the paper guides all the way open.
2. Lift the left guide holder.



3. Separate the fan fold cover by pushing as shown in the figure.



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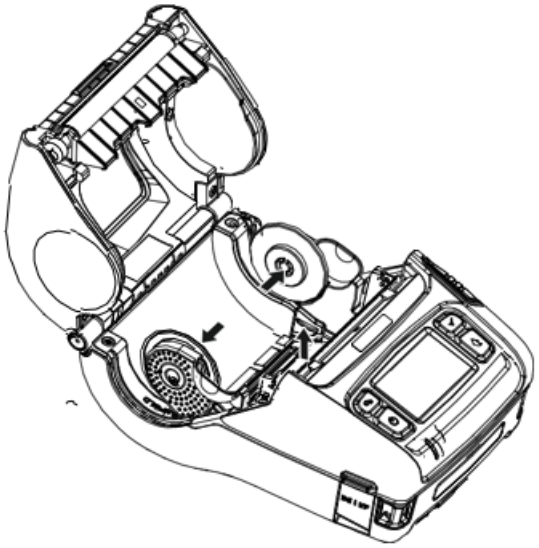
Loading Wide (3 Inch) Supply

1. Hold the paper guides all the way open.
2. Lift the right guide holder.



3. Load the supply.

Use only when you are using 3 inch (80mm) paper.

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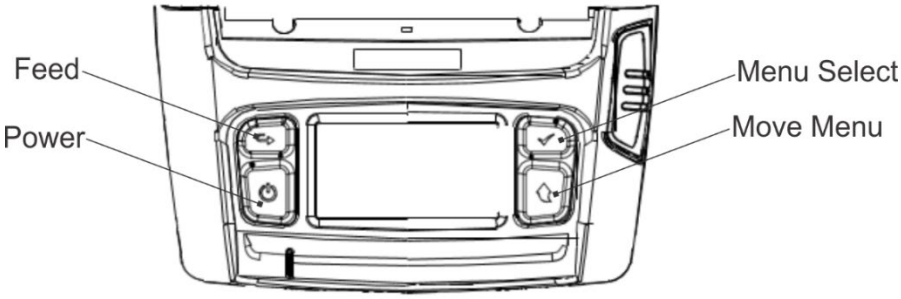
4 Using the Control Panel



Power Button

Turns the printer on/off and move to main menu or executes an action.

- When the printer is off, press this button for approximately 2 seconds to turn on the power.
- When the printer is on, press this button for approximately 2 seconds to turn off the power.
- Pressing this button while the LCD menu is being operated moves to the main menu or the action selected in the menu is operated.

Paper Feed Button

This button is used to feed the paper manually or return to the previous step.

- Press and hold this button while the printer is booting to print a self-test page.
- Press this button in the standby mode to feed the paper.
- Press this button to return to the previous menu.

Menu Move Button

This button is used to move the LCD menu.

Press this button to move the LCD menu from the top left to the bottom right.

Menu Select Button

This button is used to select the LCD menu.

Press this button to select the LCD menu or save the selected settings to the printer.

Self-Test

Run the self-test to check the setting information when you are setting up the printer for the first time or if there is a problem.

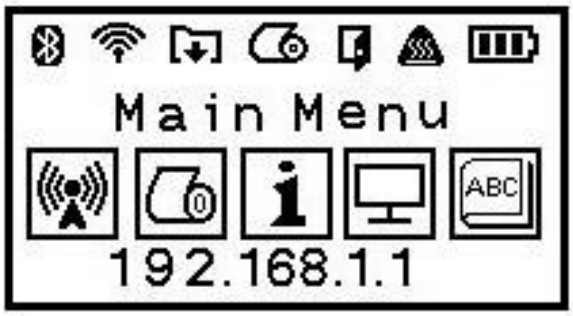
If no issue is found with the printer after running the self-test, contact Service.

Self-Test Instructions

1. Turn the printer on.
2. Select **Information**, **System**, **Config Print**.
3. Press the **power button (Print)** to run the self-test.
4. The printer settings information and wireless interface information is printed.
5. After printing is complete the self-test is automatically terminated.

LCD Menu

You can check printer status and setting information through LCD.



Icon	Description
	Bluetooth is enabled but not connected to the host device.
	Bluetooth is enabled and connected to the host device.
	Display signal strength of wireless LAN.
	Failed to find the registered AP
	Password incorrect
	Receiving data, printing or paper feed
	Paper empty
	Cover open
	TPH overheating
	Battery level

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Main menu icon

Icon	Description
	Check/Set the status of the wireless interface 1) Bluetooth - Check Bluetooth Device name - SSP (Secure Simple Pairing) / PIN code mode setting - Check MAC address - BLE / Classic mode setting - Bluetooth On / Off setting 2) Wireless LAN - Check SSID setting and encryption - Check MAC address and IP address - Check operation mode and port - Wireless LAN On / Off setting - Reset settings - Simple connection (easy connection to AP by linking with simple connection APP)
	Media settings 2) Select paper type and sensor - Label paper (Auto detection / Rear black mark / Gap) - Receipt paper - Linerless paper 3) Adjust the print density 4) Adjust the cutting position 5) Filler setting and filler sensor sensitivity adjustment
	Check firmware information and setting 1) Check printer and wireless interface firmware information 2) Print the setting information
	Set Backlight, Sleep and Auto Power Off Time 1) Backlight On / Off 2) Backlight Auto Off time setting 3) Power save and Power off function On / Off
	Set hex dump mode

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5 Using Bluetooth

The printer's Bluetooth® can be used with a smart device.

Bluetooth Connection

Tap the host device to logo on the left side of the printer.
Follow the Bluetooth pairing instructions for your smart device to connect to the 9486 Printer.

When connecting with the 9486 Printer via Bluetooth your smart device should list:
Device Name: *9486*
Password Default: 0000

Bluetooth Troubleshooting

- To connect the printer with a Bluetooth device, the devices must be within 328 feet (100 meters) of one another. The connection can be lost if the distance between devices exceeds 328 feet (100 meters).
- If cement walls or other obstacles are present, the connection distance is reduced.
- Transmission can be interrupted if a device (such as a microwave oven, wireless LAN, etc.) that uses the same frequency is in the area. Separate the printer and Bluetooth-enabled device from such interrupting devices by at least 16 feet (5 meters).

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6 Cleaning the Printer

Use caution when cleaning the printer.

- Turn the printer off before cleaning.
- Wait 2-3 minutes after power-off to allow the printer to cool.
- Do not to touch the heating region of the printhead with your hand while cleaning.
- The printhead can be damaged by static electricity.
- Avoid scratching the printhead.
- Recommended cleaning period is after consuming four rolls of supply, or approximately once a week. Print quality may be degraded or printhead life may be shortened if it is not cleaned periodically.

Cleaning the Exterior

Clean the printer's exterior using an Isopropyl Alcohol and deionized water mixture; we recommend pre-moistened wipes.

Do not use other detergents/cleansers, they can deteriorate plastics and cause printer failure.

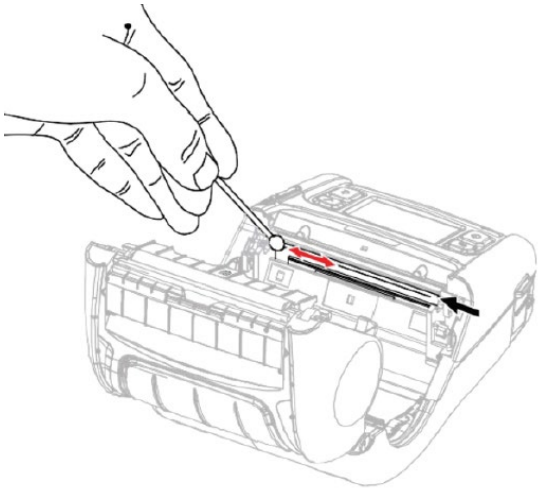
Do not spray liquids on the printer, it can get inside and damage electronics.

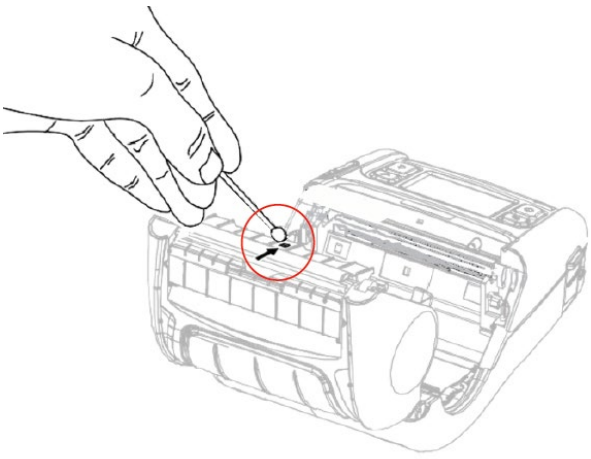
Improper cleaning methods and materials can cause failures, which are not covered under warranty.

Cleaning the Interior

If the interior of the printer is dusty, print quality can decline. Follow the instructions below to clean the inside of the printer.

1. Open the paper cover and remove the supply, if present.
2. Clean the printhead using a cotton swab dampened with isopropyl alcohol.
3. Using the cotton swab soaked dampened with isopropyl alcohol to clean the sensor.





4. Allow the printer to completely dry then load supplies.

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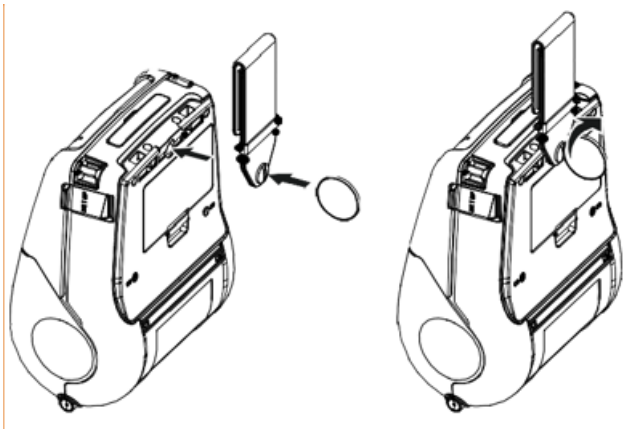
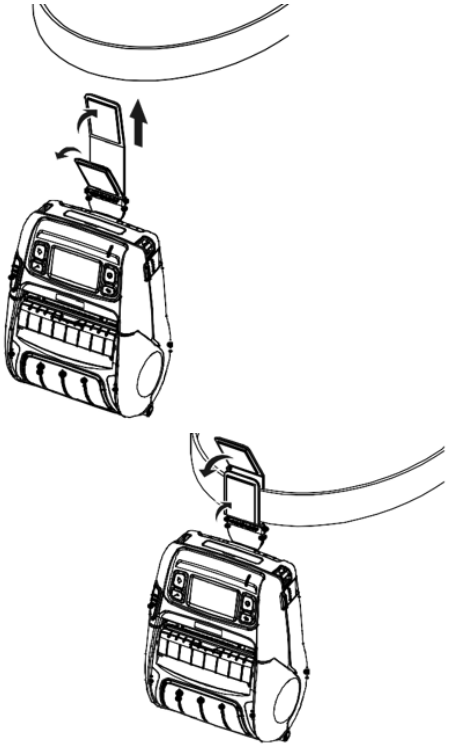
7 Using Accessories

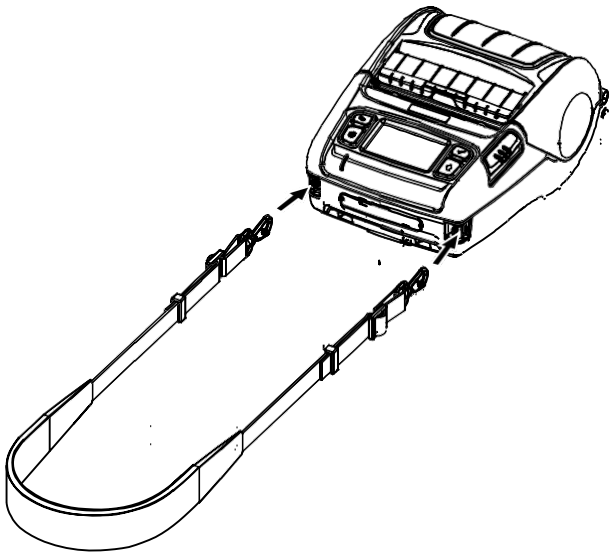
Using the Optional Belt Strap

1. Insert the belt strap screw into the belt strap hole.





2. Use a coin to tighten the belt strap screw as shown in the image.
3. Unfasten the belt strap Velcro.
4. Slide the belt strap between the Velcro.
5. Close the Velcro as shown in the image.

Using the Optional Shoulder Strap

Insert the strap hooks into each slot.