
Direct Thermal Portable Printer

Quick Start Guide

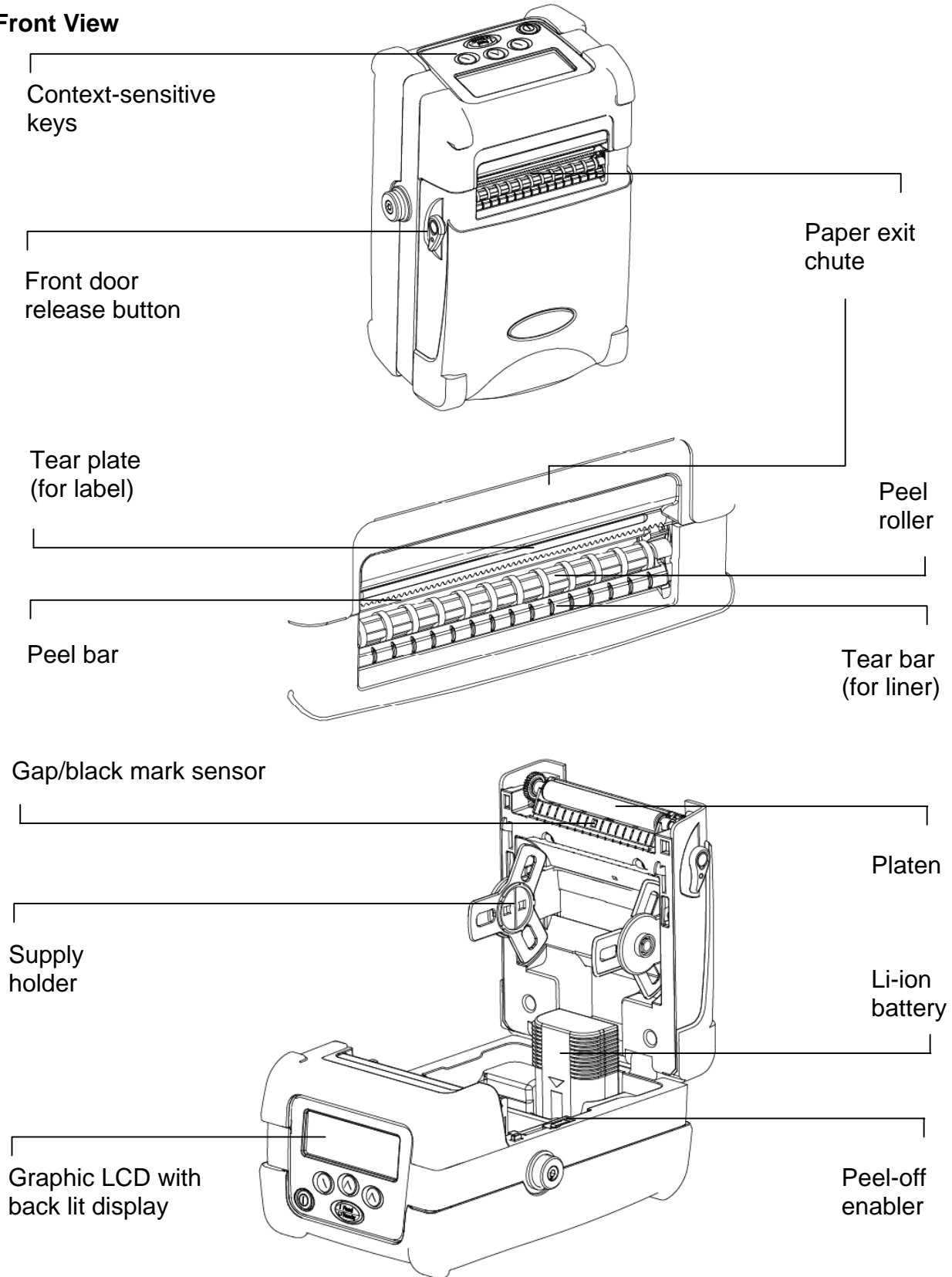


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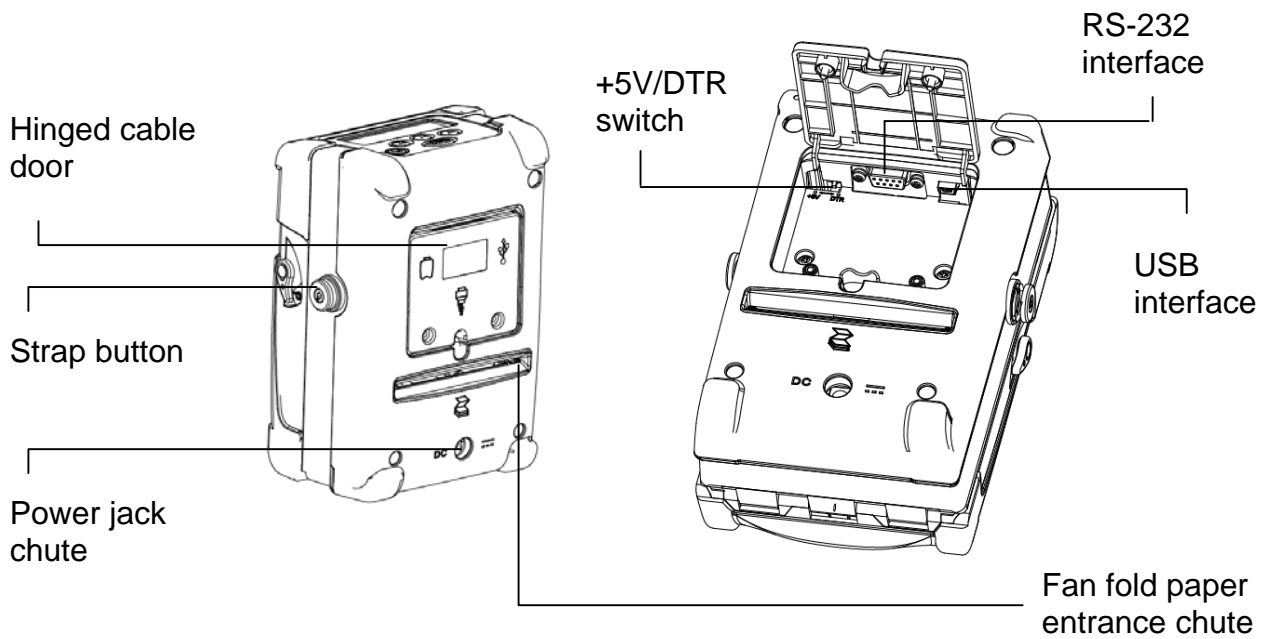
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Overview

Front View

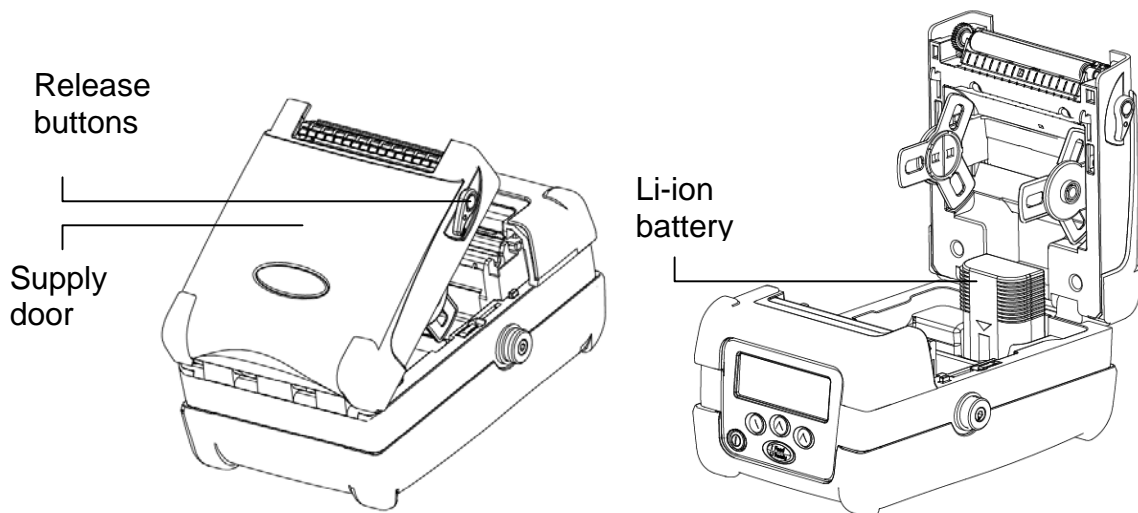


Rear View



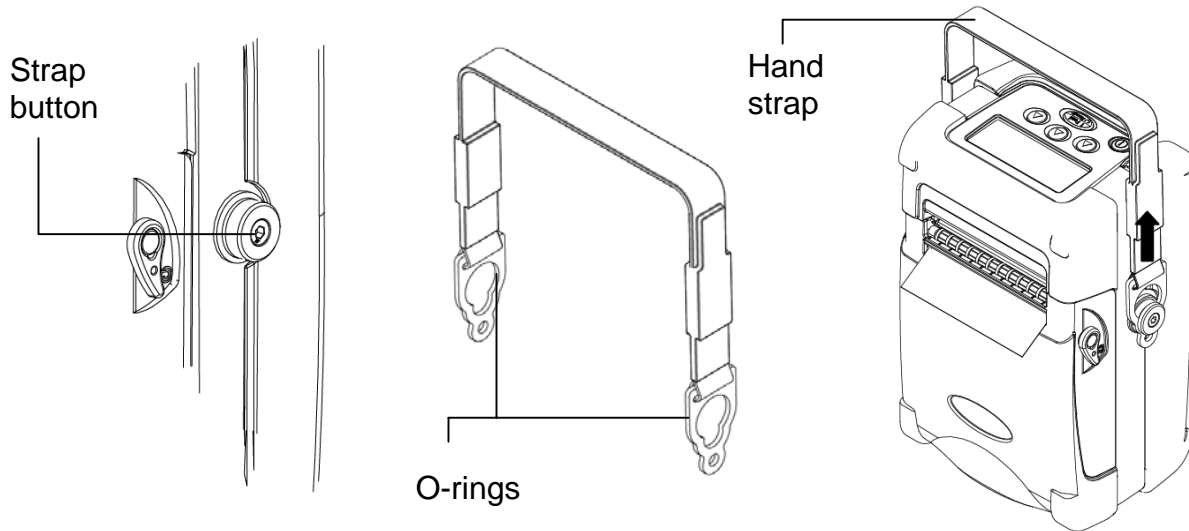
Installing the Battery

1. Open the supply door by pulling outward on the release buttons located on either side of the printer. The supply door should swing open.
2. Insert the connector end of the battery into the printer.
3. Close the supply door until the release buttons click into place.



Using the Strap

1. Clip both rings of the hand strap onto the strap buttons by placing each O-ring over the strap button and gently pulling up on the strap until the strap locks into place.

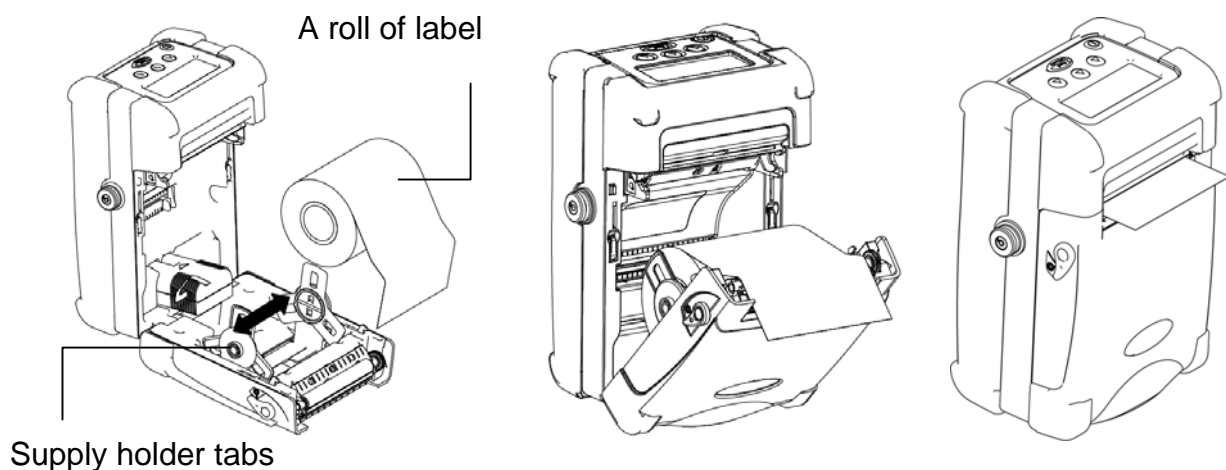


Loading Media


Loading Continuous Labels for Receipt Paper

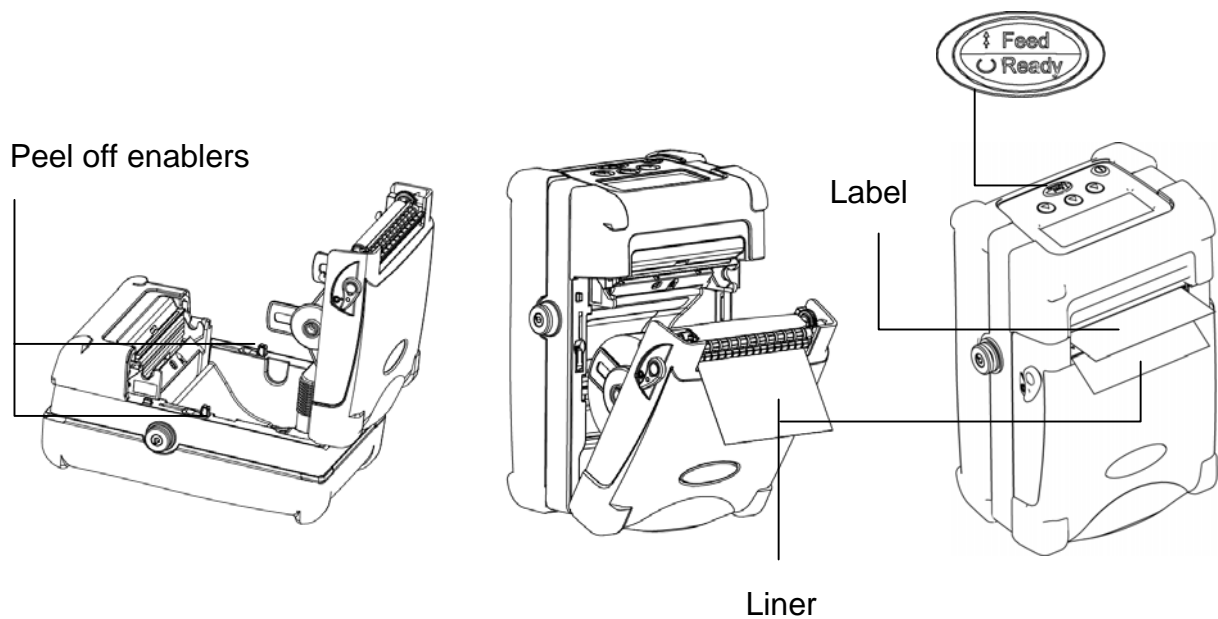
1. Open the supply door by pulling outward on the release buttons on both sides of the printer.
2. Pull supply holder tabs apart and insert a new roll of media. Make sure the media is positioned so it unwinds from the top as shown.
3. Pull out enough supply to lie over the exit chute.
4. Close the supply door until the release buttons click into place.

Note: Please calibrate the gap/black mark sensor when changing to different media.

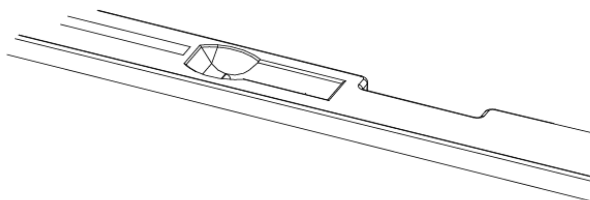


Loading Die-cut Labels

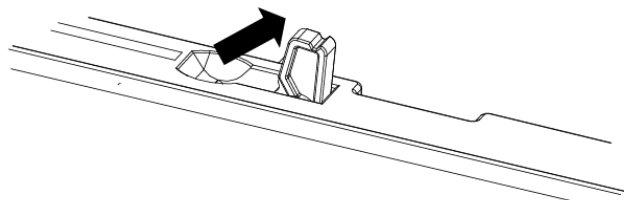
1. Open the supply door by pulling outward on the release buttons on both sides of the printer.
2. Lift up the peel off enablers on both sides.
3. Pull supply holder tabs apart.
4. Insert a roll of labels. Make sure the supply unwinds from the top as shown.
Note: Calibrate the gap/black mark sensor when changing media. Do not calibrate the gap/black mark sensor in peeler mode to avoid paper-jams at the peel-off roller.
5. Remove a couple of labels from the liner. Insert the liner through the gap between peeler bar and peel-off roller.
6. Close the supply door.
7. Press the  button once or twice to advance the labels until the liner is separated from the label.



Push **down** the peel off enablers



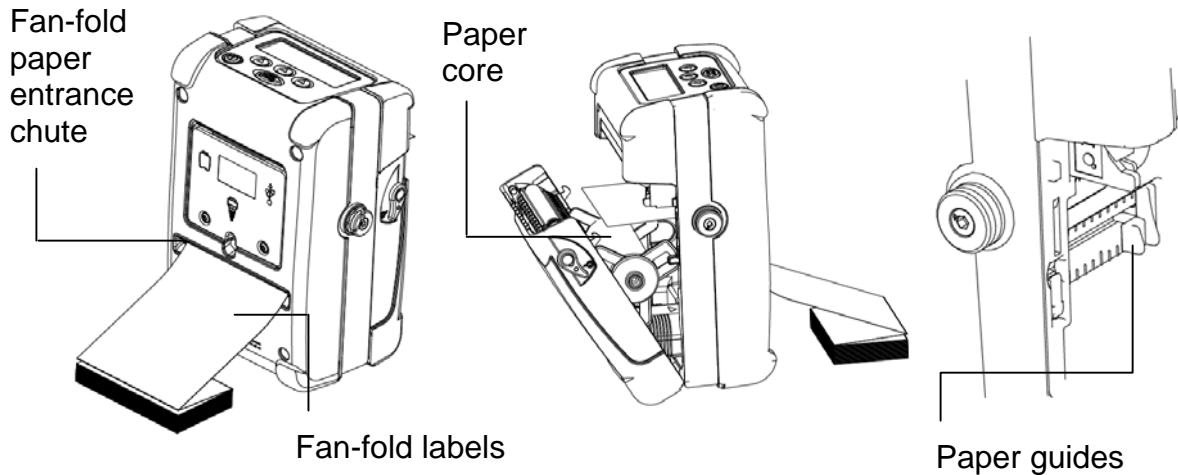
Lift **up** the peel off enablers



Loading Fan-fold Labels

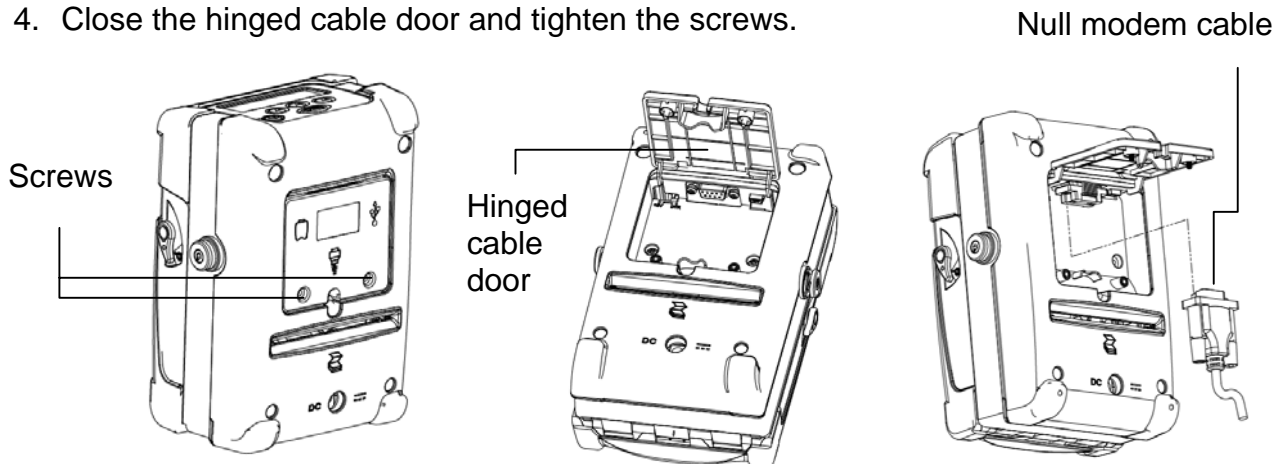
1. Open the supply door by pulling outward on the release buttons on both sides of the printer.
2. Pull supply holder tabs apart to insert a 3" paper core to keep supply holder wide open.
3. Insert the fan-fold paper through the fan-fold paper entrance chute and pass over the paper exit chute.
4. Adjust the paper guides by sliding to fit the paper width.
5. Calibrate the media sensor if necessary.
6. Close the supply door.

Note: Please calibrate the gap/black mark sensor when changing media.

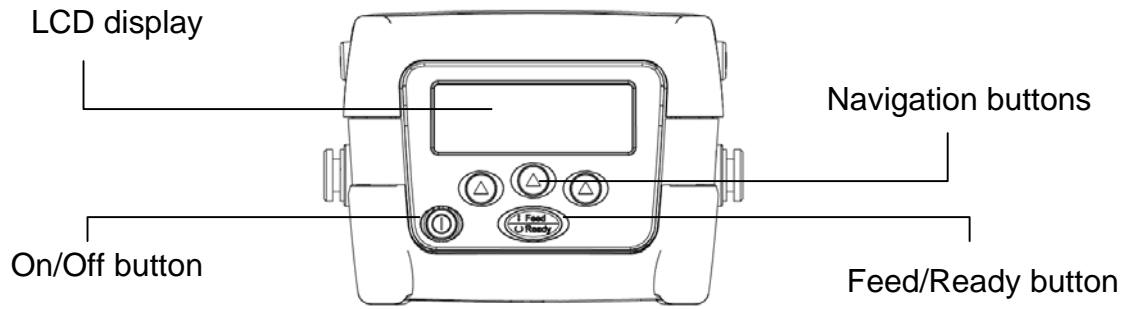


Connecting the Communication Cable

1. Open the hinged cable door by loosening two screws. Lift up on the door.
2. Plug the null modem cable into the RS232 port. (Or plug the USB cable into the USB port.)
3. Place the cable in the cable cavity.
4. Close the hinged cable door and tighten the screws.



Using the LCD Display and Control Panel



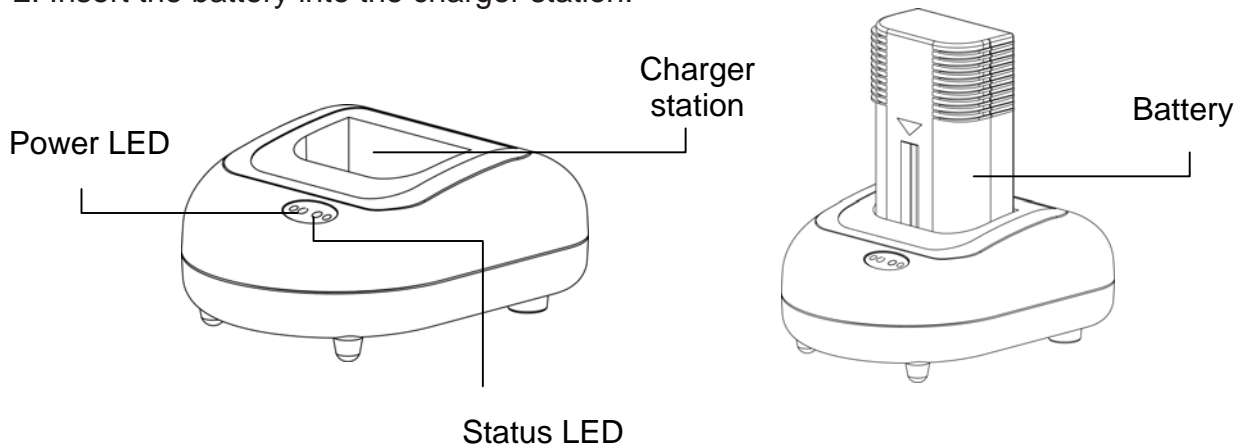
Turns the printer **on** and **off**.

Advances label or returns the display to the previous menu.

Three buttons for selecting options on the display.

Charging the Battery

1. Open the printer supply door and remove the battery.
2. Insert the battery into the charger station.



Power LED	Description
Red	Power is on
Off	Power is off

Status LED	Description
Red	Charging battery
Amber	Battery is 70% charged
Green (Solid)	Battery is completely charged
Green (Blinking)	Charger error
Off	No battery

Note:

- It takes 2 to 3 hours to fully charge the battery before the first time usage. The lifetime of the battery is 300 times for charge/discharge cycles.

Maintenance

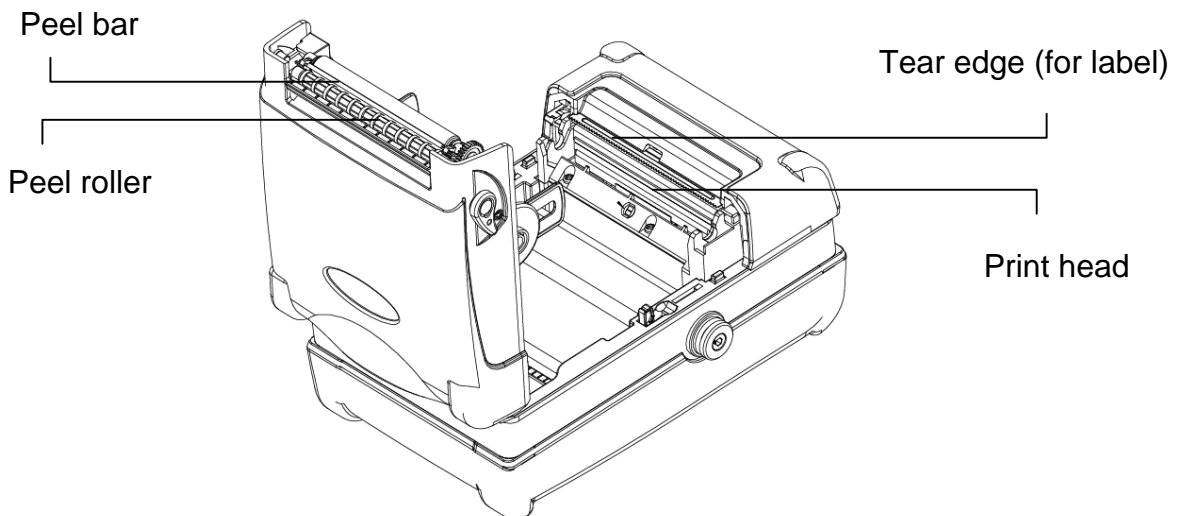
1. Please use one of following material to clean the printer.

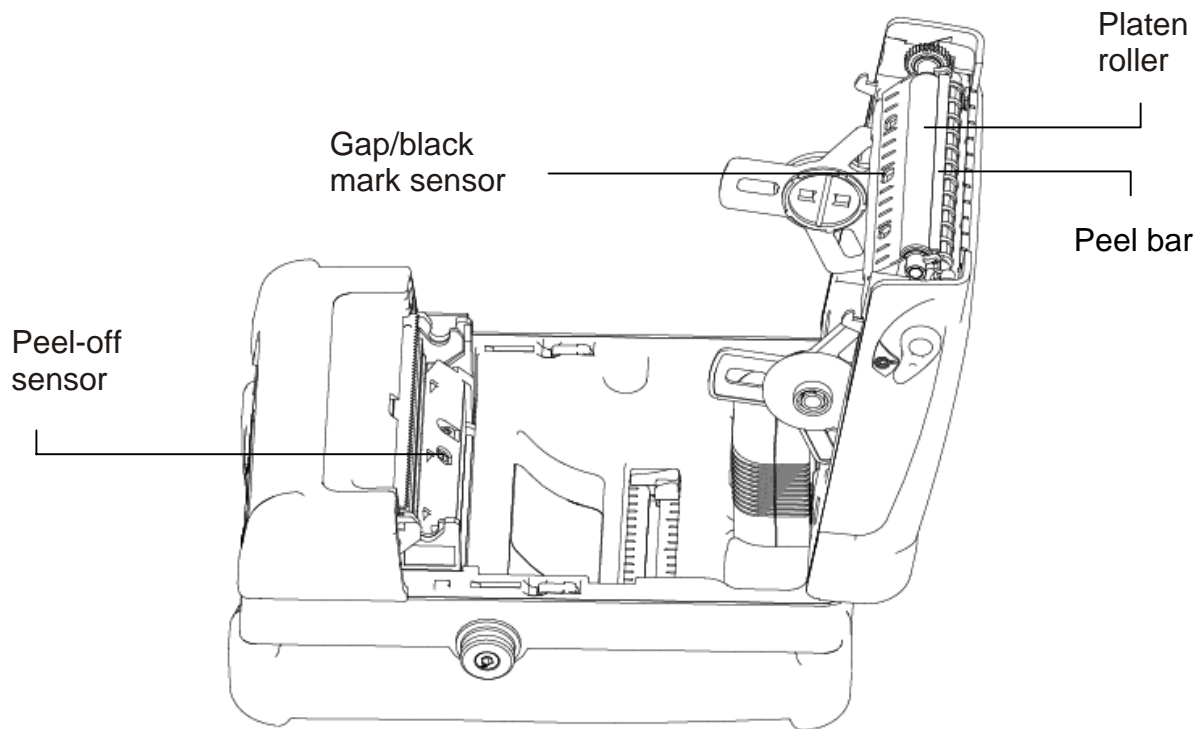
- Cotton swab
- Lint-free cloth
- Vacuum
- 100% ethanol

2. The cleaning process is described as following:

Printer Part	Method	Interval
Print head	1. Always turn off the printer before cleaning the print head. 2. Allow the print head to cool for a minimum of one minute. 3. Use a cotton swab and 100% ethanol to clean the print head surface.	Clean the print head when changing a new label roll
Platen roller	1. Turn the power off. 2. Rotate the platen roller and wipe it thoroughly with 100% ethanol and a cotton swab, or lint-free cloth.	Clean the platen roller when changing a new label roll
Peel roller	1. Turn the power off. 2. Rotate the Peel-off roller and wipe it thoroughly with 100% ethanol and a cotton swab, or lint-free cloth.	Clean the peel roller when changing a new label roll
Tear bar/peel bar	Use the lint-free cloth with 100% ethanol to wipe it.	As needed
Sensor	Compressed air or vacuum	Monthly
Exterior	Wipe it with water-dampened cloth	As needed
Interior	Brush or vacuum	As needed

3. Illustration for recommended cleaning parts:





Note:

- Do not touch printer head by hand. If you touch it careless, please use ethanol to clean it.
- It's industry alcohol. Please do not use regular alcohol, which may damage the printer head.
- You may have to clean the supply sensors more often if you frequently receive supply error messages.

Troubleshooting

The following guide lists the most common problems that may be encountered when operating this printer. If the printer still does not function after all suggested solutions have been invoked, please contact the Customer Service Department of your purchased reseller or distributor for assistance.

Problem	Possible Cause	Recovery Procedure
No power	Check if battery is installed properly.	Reinstall the battery
	Check battery voltage meter if battery is low.	Recharge or replace battery if necessary.
Not printing	Make sure if battery is fully charged.	Recharge/replace a battery.
	Check if front door is closed completely.	Close front door completely.
	Check if cable is well connected to serial or USB interface.	Re-connect cable to interface.
	Check if wireless settings are set correctly.	Reconfigure the wireless settings.
No paper	Run out of label.	Supply a new label roll.
	The label is installed incorrectly.	Please refer to the steps in user's manual to reinstall the label roll.
	Gap/black mark sensor is not calibrated.	Calibrate the gap/black mark sensor.
Poor print quality	Make sure the battery is fully charged	Recharge or replace a new battery
	Check if front door is closed completely	Close front door completely
	Check if supply is loaded correctly	Reload the supply
	Check for dust or adhesive accumulation on the print head.	Clean the print head
	Check if print density is set properly.	Adjust the print density and print speed.
	Check print head test pattern to determine if head element is damaged	Run printer self-test and check the print head test pattern if there is dot missing in the pattern
Paper jam	Gap/black mark sensor is not set properly	Calibrate the gap/black mark sensor
	Make sure label size is set properly.	Set label size correctly
	Labels may be stuck inside the printer mechanism.	Remove the stuck label.
	The serial port setting is not consistent between host and printer.	Please reset the serial port setting.
	The serial port cable pin configuration is not correct.	Please replace the null modem cable
Reduced battery life	Check battery date code, if battery is one to two years old, short life may be due to normal aging.	Replace a battery.

For more information and features about this printer, please refer to the User's Manual inside the CD disk.

