



SLP 580 Rev. A 08/18



MOBILE PRINTER  
**MODEL : SLP 580**  
Wi-Fi & Bluetooth

All specifications are subject to change without notice

**This device complies with part 15 of the FCC Rules.**

**Operation is subject to the following two conditions.**

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

**Aures USA**

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**RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECTLY TYPE.  
DISPOSE OF USED BATTERY ACCORDING TO THE LOCAL DISPOSAL INSTRUCTIONS.**



**Disposal of Old Electrical&Electronic Equipment(Applicable in the European Union and other European countries with separate collection systems)**

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste.

Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronics equipment. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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# 1. Safety Precautions

For better safety and reliability, adhere to the following precautionary measures. Read and follow the instructions carefully before operation of the product.

## Indication



Prohibition



Must follow



Do not disassemble



Unplug the power from the outlet



Grounding to prevent electric shock

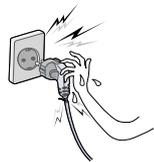


Do not handle the product with wet hands



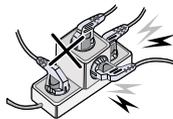
## WARNING

Failure to follow these instructions could result in fire, electric shock, other injuries, or property damage.



Do not pull or touch the power plug with wet hands.

(Potential risk of electric shock or fire)



Do not overload an electrical outlet. (Potential risk of electric shock or fire)



Do not bend the wire and do not allow the wire to be pinched or crushed by heavy objects.

(Potential risk of electric shock or fire)



If a power plug is broken or a plug is cut or worn, do not use it.

(Potential risk of electric shock or fire)



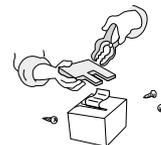
## WARNING

Failure to follow these instructions could result in fire, electric shock, other injuries, or property damage.



Do not unplug the power cable to turn off the product.

(Turn off the power using the power button)



Do not disassemble, repair or modify the product.

(Potential risk of malfunction, electric shock, or fire. When the product needs to be repaired, please contact your reseller)



## CAUTION

Failure to follow these instructions could result in fire, electric shock, other injuries, or property damage.



Keep product away from the water and other material.

(Potential risk of electric shock or damage)



If the product needs to be repaired, please contact your reseller.

(Potential risk of fire or unit malfunction)



Avoid excessive shock or drops.

(Potential risk of fire or property damage)

## 2. Unpacking

### Standard



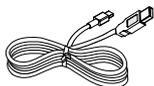
Printer



Battery



Belt Clip



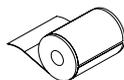
USB Cable



Serial Cable



Charger



Paper



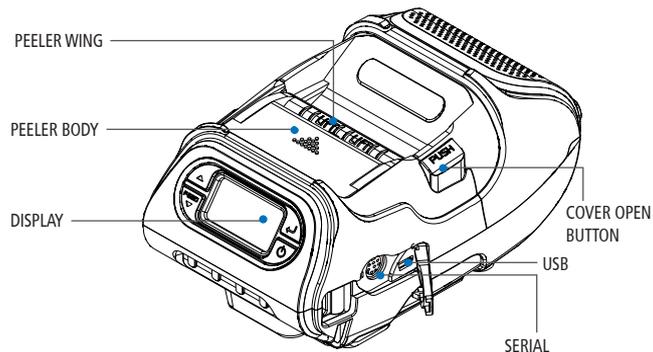
CD



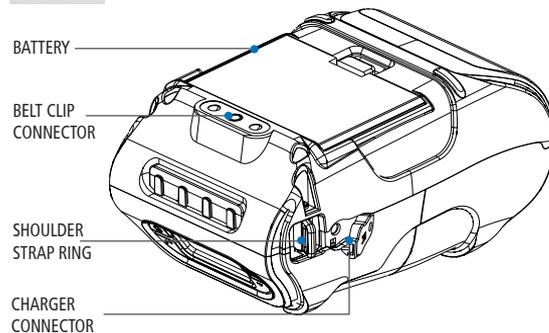
Quick Manual

## 3. Product Overview

### Front

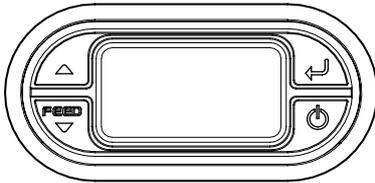


### Bottom



## 4. Setting Up the Product

### 4-1. Display

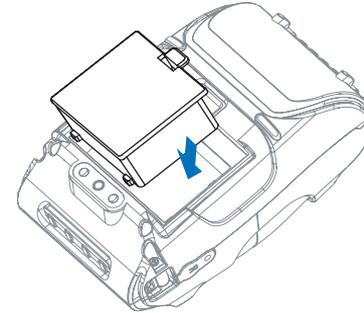


Button	Name	function
	Paper Feed/ Down button	Advances the paper, clears error messages, and moves down through menu options. 1. Refer to "4-10" for Diagnostic Test information. 2. Refer to the service manual regarding Hexadecimal Dumping.
	Enter button	Selects the highlighted menu option.
	Up button	Moves up through menu options.
	Power button	Turns the printer on and off. Press to turn power on. Press for three seconds to turn power off. Wakes the printer from sleep mode.

#### NOTE

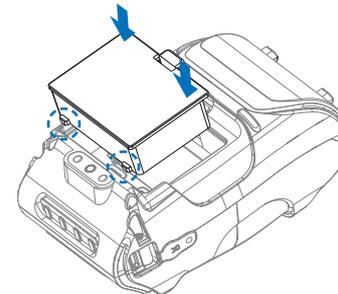
1. The battery status icon in LCD indicates amount of power remaining. Actual run-time remaining depends on factors such as the contents of output, distance to computer, etc.
2. When the battery level is very low, high density printing can result in the printer switching off during printing resulting in possible loss of data.

### 4-2. Installing the Battery



Insert the battery as shown.

1  
2

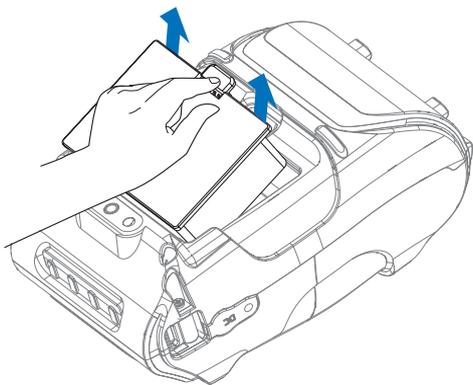


Replace the battery.

#### NOTE

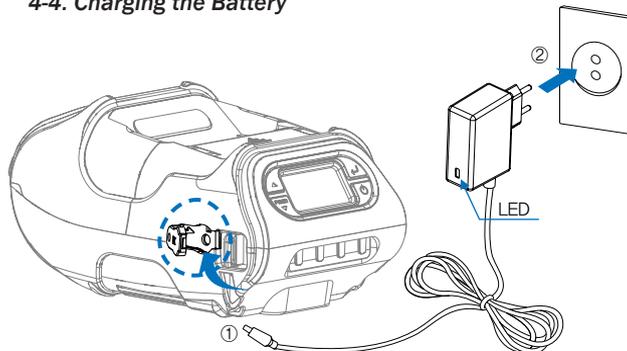
You must fully charge the battery when you receive the printer. Batteries can be charged in the printer or in an optional external cradle.

### 4-3. Removing the Battery



Remove the battery as shown.

### 4-4. Charging the Battery



1. Be sure the printer is turned off.
2. After opening the DC JACK cover, insert DC JACK into the printer.
3. Plug the power cord into the electrical outlet.

#### The charge indicator LED

Status	charging	charging complete
Charging Lamp	Red	Green

#### ✓ NOTE

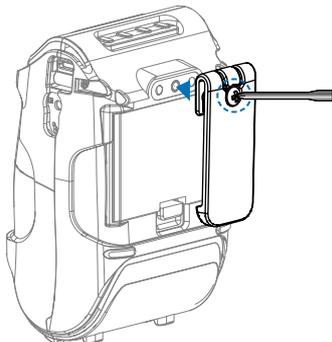
If there is trouble while charging the battery, the charge indicator LED blinks green. Try unplugging and reconnecting charger, charging should resume. Charging is complete when the LED changes to solid green.

#### 4-5. Belt clip Usage



Insert screw into belt clip.

1  
2

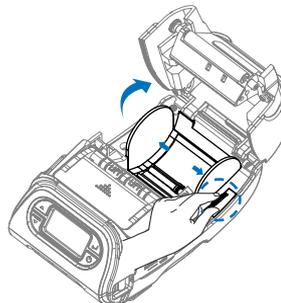


Tighten the screw with a screwdriver as shown.

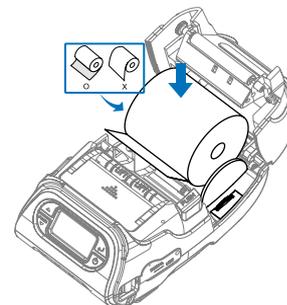
#### NOTE

The belt clip is included with the printer but is not required to be used or installed!

#### 4-6. Paper Roll Installation

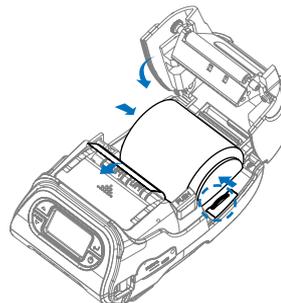


Open the Paper cover by pressing the Open button. You can set the width of paper guide by turning the knob with your finger.

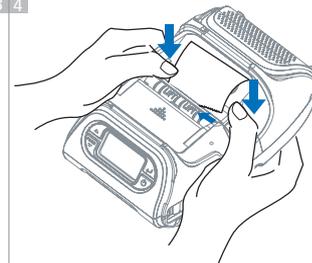


Insert the paper roll so it unrolls from the bottom. Remove the paper core when the roll is empty. Pull a short length of paper out of the printer.

1 2  
3 4



Close the cover.



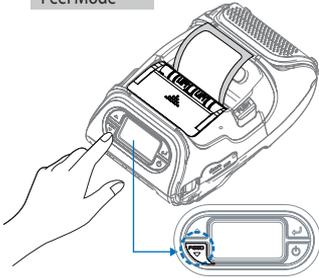
Close the Paper cover with both hands and feed some paper by pressing the Feed button.

#### NOTE

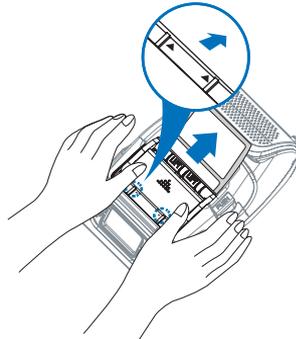
If the users close the cover with one hand, it would not be closed completely. Please use both hands to close.

## 4-7. Peel Mode

### Peel Mode



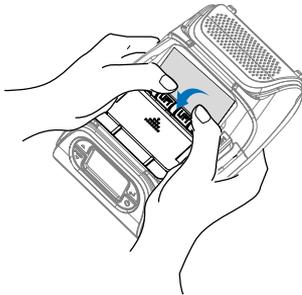
Press the feed button for 2~3 seconds until a buzzer sounds. A feeding paper will come out automatically as it goes into peel mode.



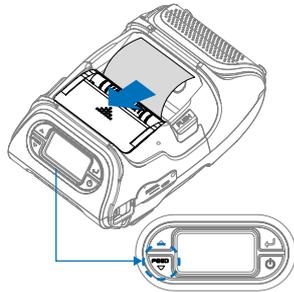
Slide the peel body towards the back of the printer until you see two complete triangles.

1 2  
1 2

### Non-Peel Mode



Lift the peeler wing and slide the peeler body towards the front of the printer.

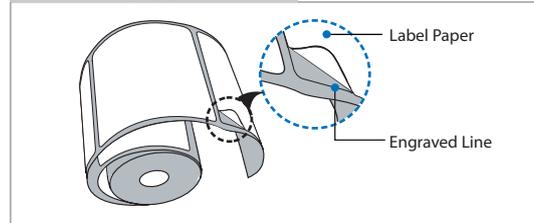


Press the feed button.

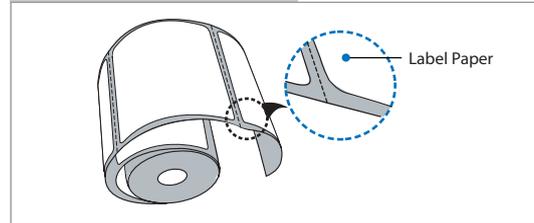


When users operates the peeler like the image below that has slits on the label(1) and the perforated label(2), there might be an error in the peeler function

### Paper (1)



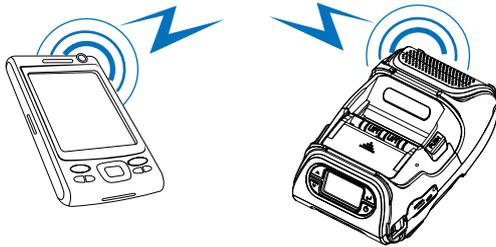
### Paper (2)





## 5. Peripheral Connection

This product can communicate with other devices via Bluetooth, Wi-Fi, or a communication cable.



### 5-1. Bluetooth Connection Optional

1. The Printer can be connected to devices equipped with Bluetooth communication capabilities (PDAs, PCs, etc.).
2. Use the Bluetooth connection function supported by your device to connect to the printer.

#### ☑ NOTE

- This model supports numeric comparison function.
- Please refer to the configuration manual for details.

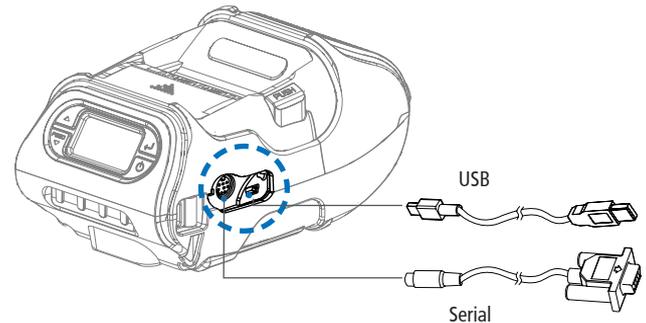
### 5-2. Wi-Fi Connection Optional

1. The Printer can be connected to devices equipped with Wi-Fi communication capabilities (PDAs, PCs, etc.).
2. Use the Wi-Fi connection function supported by the device to connect to the printer.

#### ☑ NOTE

- Please refer to the configuration manual for details.

### 5-3. Interface Cable Connection



1. Connect USB or Serial cable to the connector on the printer.

#### ☑ NOTE

Only use cables included with the printer.

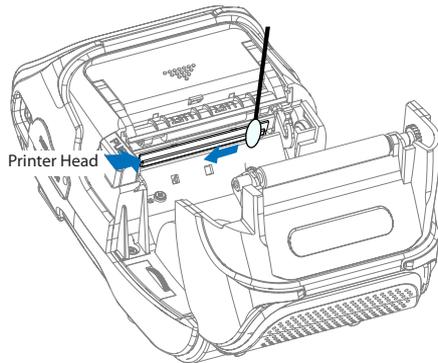
2. Connect the interface cable to the USB port of the device(PDA, PC, etc.).

## 6. Cleaning the Printer

If the interior of the printer is dusty, printing quality can be lowered. In this case, follow the instructions below to clean the printer.

### 6-1. Printer Head Cleaning

1. Use an applicator swab moistened with an alcohol solution to clean the printhead and remove any dust.
2. Once the cleaning is completed, wait a few minutes before inserting the paper roll into the printer.

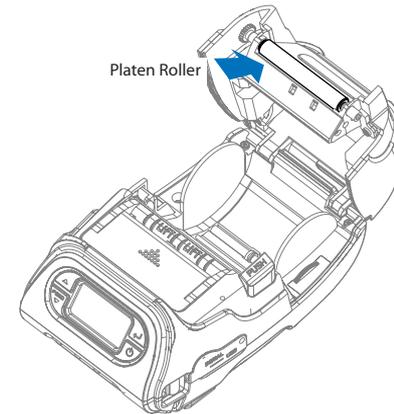


#### ✓ NOTE

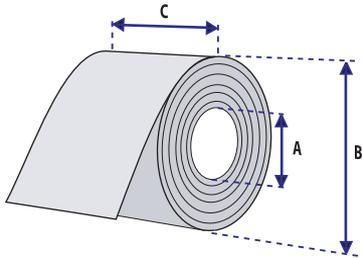
1. Make sure to turn the printer power off prior to cleaning.
2. Regarding printhead cleaning, as the printhead gets very hot during printing, turn off the printer power and wait approximately 10 minutes before cleaning.
3. When cleaning the printhead, take care not to touch the heated portion of the printhead. The printhead can be damaged by static electricity.
4. Take care not to allow the printhead to become scratched and / or damaged in any way.

### 6-2. Platen Roller Cleaning

1. Clean the platen roller with a clean soft cloth moistened with isopropyl alcohol or a cleaning pen.
2. Turn the platen roller with your finger to clean the entire surface.



## 7. Roll Media Specification



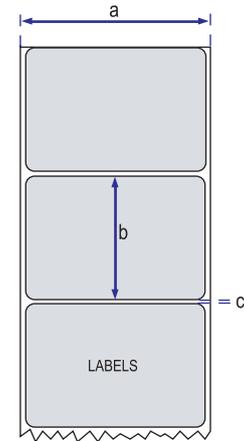
Core	
Diameter(A)	12.5 mm +/-0.5 mm
Roll	
Max.diameter(B)	56 mm
Max.media width(C)	58±0.5 mm
Min.media width(C)	12.7±0.5 mm
Max.media thickness	0.16 mm
Min.media thickness	0.06 mm



Protect the printhead from sand, grit, and other hard particles during printing and storage. Keep the cover closed. Even very small foreign particles may cause severe harm to the printhead.

## 8. Label Specification

<-- a --> Media width (inch, liner)	
Maximum	54±0.5 mm
Minimum	8.7±0.5 mm
<-- b --> Label length	
Minimum	12.7~300 mm
<-- c --> Label gap height	
Maximum	8.3 mm
Minimum	1.8 mm
Liner	
Opacity	50~75%



## 9. Printer Specification

Printing	Method	Direct Thermal
	Speed	127mm/sec
	Width	48mm, 384 Dots/line
	Resolution	203 DPI
Dot Pitch		8 Dot/mm, 0.125 Pitch
Character Per line (ESC/POS)	Font A(12x24)	32 columns
	Font B(9x17)	42 columns
Character	ESC/POS	FontA(12x24), FontZB(9x17), Asian Font(KOR, JPN,CHN_GB2312,CHN_BIG5)
	CPCL	Font0/1/2/4/5/6/7, 24x24 Asian Font(KOR, JPN,CHN_GB2312,CHN_BIG5), Resident TTF, Downloadable TTF
	ZPL	FontA~H, FontGS,Resident TTF(Font0), Downloadable TTF
	EPL	Font1 ~ 8
Barcode	ESC/POS	1D: EAN-8, EAN-13, Code39, ITF, UPC-A, UPC-E, Codabar, Code93, Code128 2D: QR, PDF417
	CPCL	1D: LUPC-A(+2,+5), UPC-E(+2,+5), EAN13(+2,+5), EAN8(+2,+5), Code39 etc. (CPCL) 2D: QR, PDF417, MicroPDF417, Maxicode, Datamatrix, Aztec, TLC39, RSS14
	ZPL	1D : Code11, ITF, Code39, Planet, EAN-8, UPC-E, Code93, Code128 etc. (ZPLII) 2D: QR, PDF417, MicroPDF417, Maxicode, Datamatrix, Aztec, TLC39, RSS14
	EPL	1D : Code39, Code93,Code128,Codabar,EAN-(+2,+5), EAN13(+2,+5),ITF etc. (EPLII) 2D : QR, PDF417, Maxicode, Datamatrix, Aztec, RSS14
Emulation		ESC/POS, CPCL, ZPL Command compatible
Driver		Windows Driver(10, 2012, 8, 7, 2008, VISTA, 2003, XP, 32bit & 64bit), Window CE & Mobile Driver & SDK(CE 4.2-, Mobile 5.0-), Linux Driver, Mac Driver, OPOS Driver, JavaPOS Driver, iOS SDK, Android(2.1-) SDK, Blackberry SDK, Symbian

Sensor		Paper end, Gap, Black mark, Cover open, Peeler detect, Peeler S/W
Drop Resistance		1.5M onto concrete
LCD		FSTN LCD 128 x 64 dots
Paper	Paper type	Thermal Paper
	Width	12.7 ~ 58mm
	Thickness	0.06 ~ 0.16mm
	Roll Max Diameter	56mm
	Roll Core	12.5mm±0.5mm
Communications	Standard	Serial(RS-232C), USB
	Optional	Bluetooth Smart ready 4.2 or Wi-Fi (802.11a/b/g/n)
Battery Charger	Input	AC100~240V, 50/60Hz
	Output	8.4V , 800~1200mA
Battery	Battery type	Li-ion
	Output	7.4V, 2600mAh/19.24Wh
	Charging time	3.3Hrs / 85Hrs Stand-by
Reliability	TPH	50km
Size	WxDxH(mm)	104 x 158 x 85
	WxDxH"	4.1 X 6.22 X 3.34
Weight		580g
Environmental sealing		IP42
Temperature	Operation	-10~50°C
	Storage	-20~60°C
Humidity	Operation	10 ~ 90%
	Storage	10 ~ 90%