sewoo

MODEL : LK-P12B

MOBILE PRINTER

Table of Contents

1. Unpacking

Standard

Printer
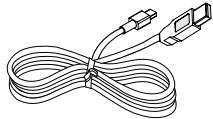
Battery

Belt Clip
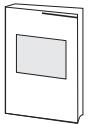
Recharger

USB Cable
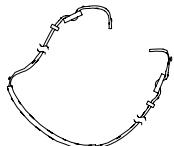
CD
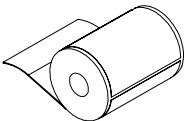
Quick-Start Guide
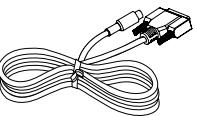
Optional
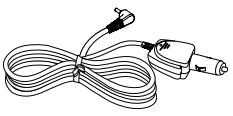
shoulder strap

Paper
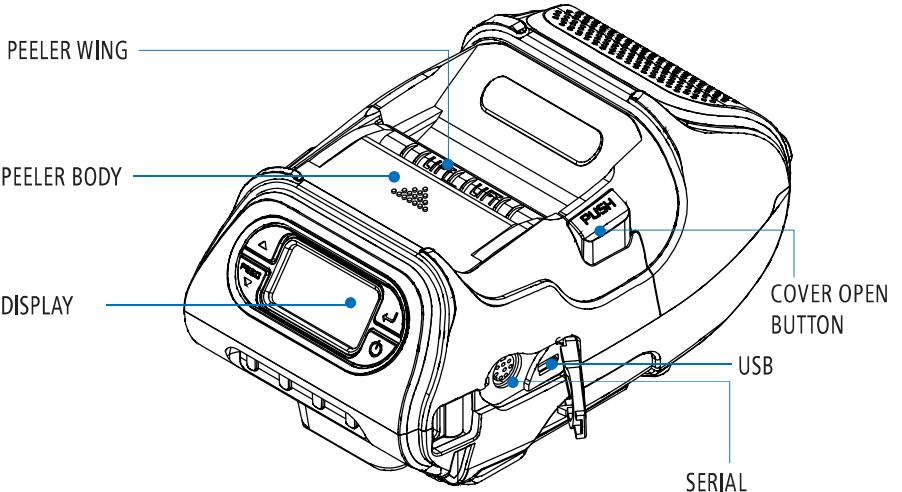
Serial cable
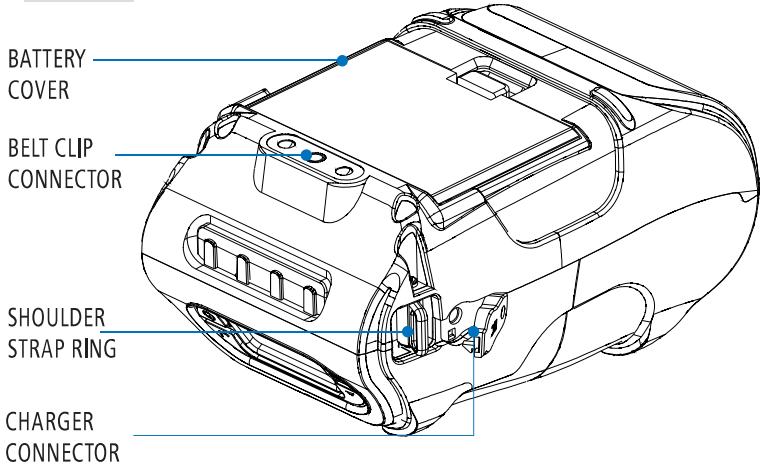
Cigar jack

2. Product overview

Front

PEELER WING

PEELER BODY

DISPLAY

COVER OPEN BUTTON

USB

SERIAL

Rear

BATTERY COVER

BELT CLIP CONNECTOR

SHOULDER STRAP RING
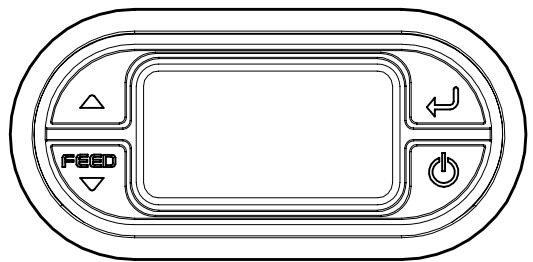
CHARGER CONNECTOR

3. Setting Up the Product

3-1. Control Panel Usage
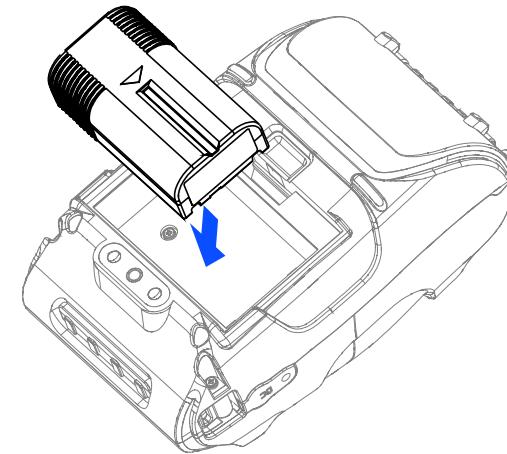
| Button	Name	function
FEED ▽	Paper Feed/ Down button	Advances the supply. Clears error message. Moves down through menu options.
↵	Enter button	Selects the highlighted menu option.
△	Up button	Moves up through menu options.
⏻	Power button	Turns the printer on and off. Press for two seconds to turn power on. Press for three seconds to turn power off. Wakes the printer from sleep mode.
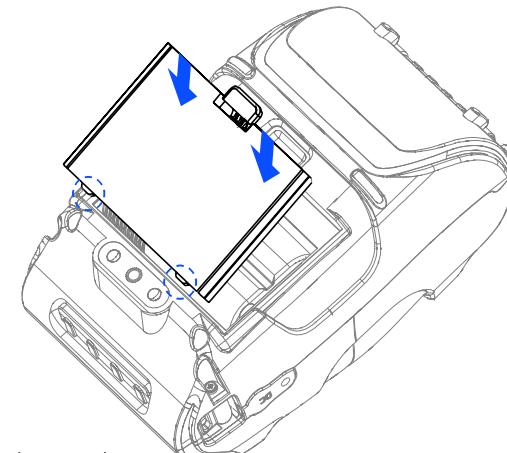
☑ NOTE
1. The battery status LEDs indicate amount of power remaining. Actual run-time remaining depends on factors such as the contents of output, distance to computer, etc.
2. When the battery level is very low, high density printing can result in the printer switching off during printing resulting in possible loss of data.

3-2. Installing battery

Remove the battery door. Insert the battery as shown.

1
2
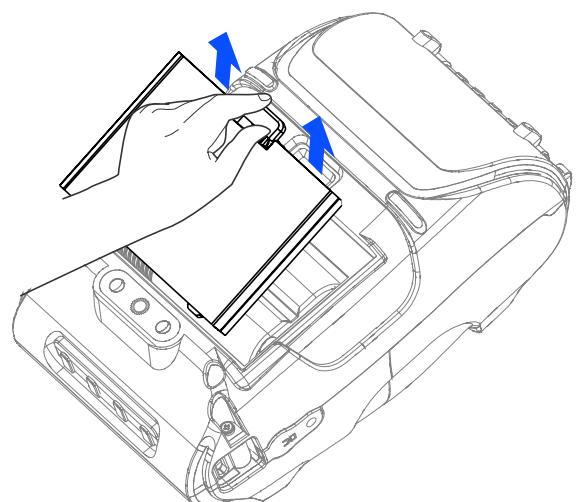
Replace the battery door.
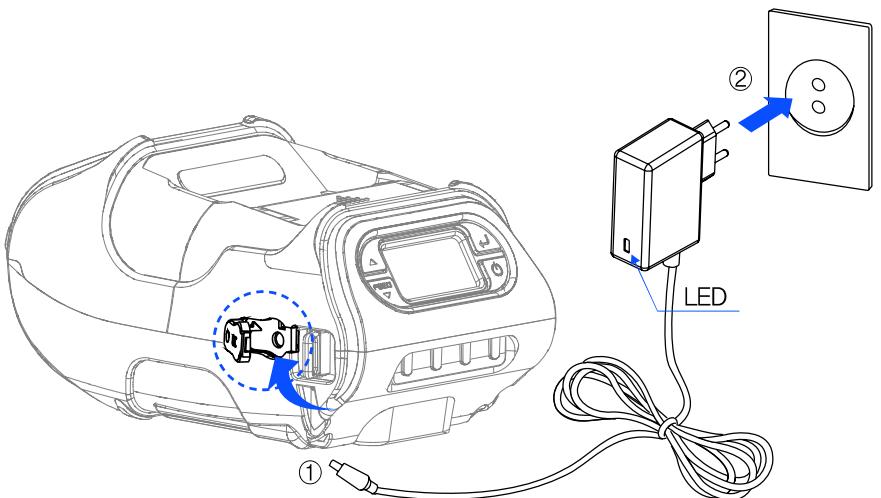
☑ NOTE
You must fully charge the battery when you receive the printer. Batteries can be charged in the printer or in an optional external cradle

3-3. Battery removel

Remove the battery door. Lift out the battery.

3-4. Battery Charging

② LED
①

1. Turn off the printer.
2. Be sure that the AC plug is correct.
   If AC plug is wrong, change the plug to the correct one.
3. Open the DC jack by pulling on the rubber cover and insert DC jack into
   the printer.
4. Plug the AC plug into an electrical outlet.
5. The charge indicator LED (located on the AC charger as shown) shows red
   or green according to the status.

3-4-1 The status of lamp in charging
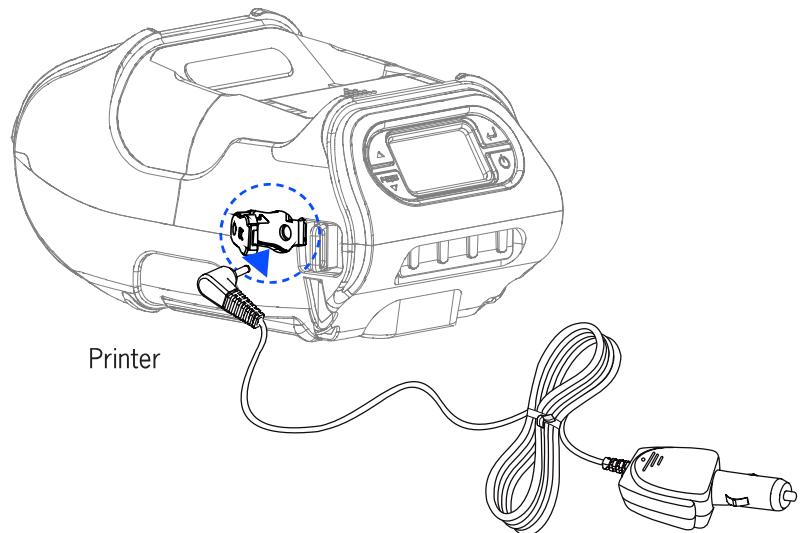
Status	charging	charging complete
Charging Lamp	Red	Green

☑ 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.

3-5 Usage of Cigar Jack Charger

Optional
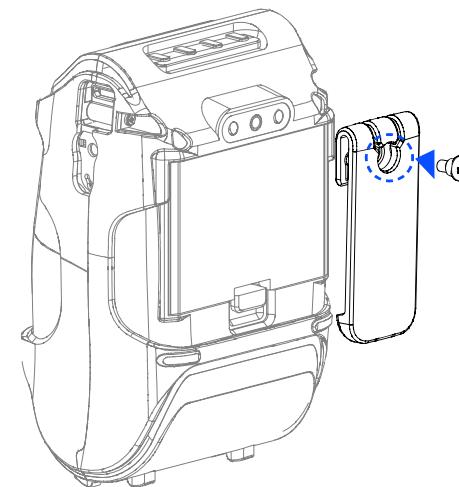
Printer

Connect the vehicle charger to the printer.

Input	12 ～ 24V
Output	8.4V 0.8 ～ 1.2A

☑ NOTE
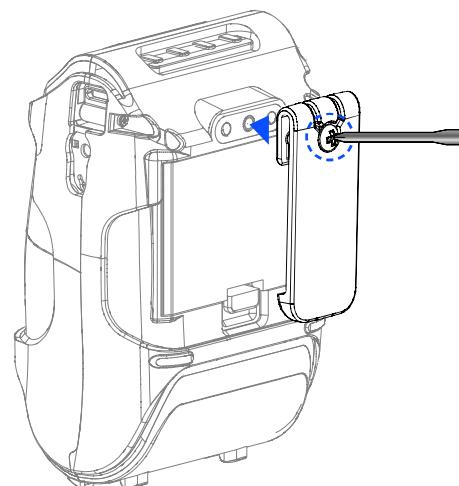
Connect the vehicle charger to the printer.

3-6. Belt clip Usage

Insert screw into belt clip.

1
2
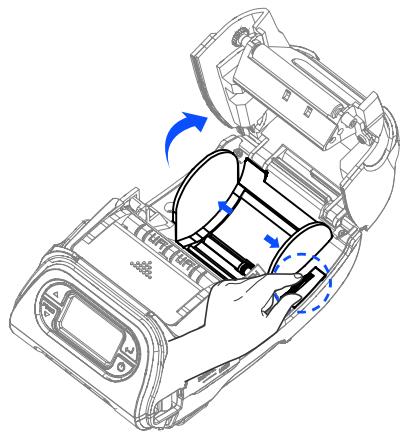
Tighten the screw with driver as shown.
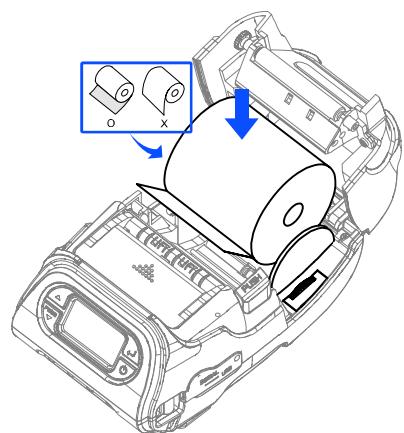
☑ NOTE

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

3-7. Roll Paper Installation
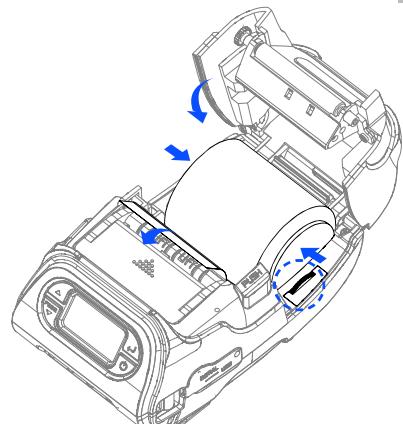
Open the Paper cover by pressing the Open button and set the width of paper guide by turning the knob with finger.
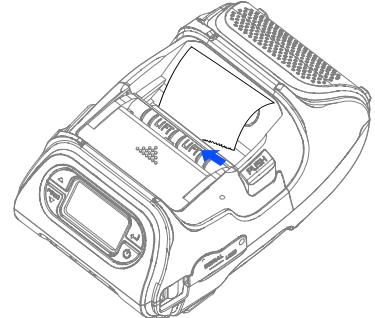
Put the stock in so it unrolls from the bottom. Remove the stock core when it is empty. Pull a short length of stock out of the printer.

1	2
3	4
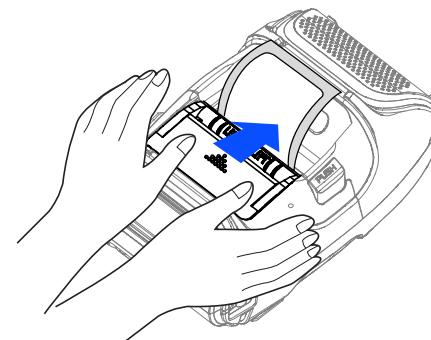
Close the cover.

Press the Feed Key once to arrange the paper.
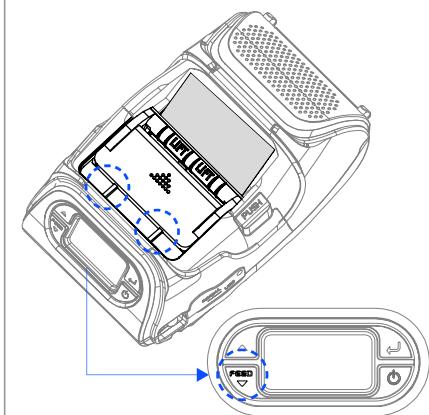
3-8. Peel Mode

Peel Mode
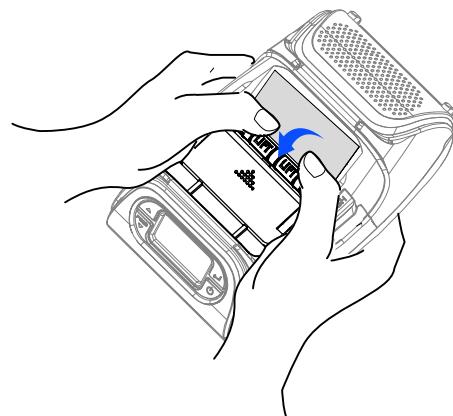
With a roll of stock installed, slide the peeler body towards the back of the printer.

Press the feed button.

1	2
1	2
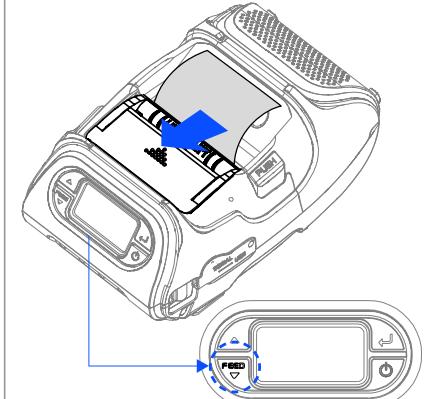
Non-Peel Mode
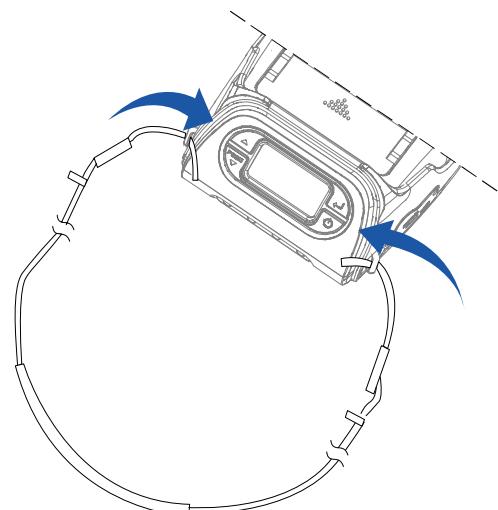
Lift the peeler wing and slide the peeler body towards the front of the printer.

Press the feed button.
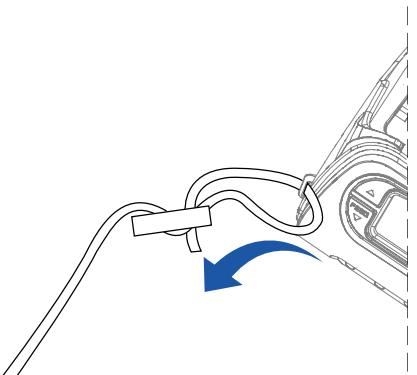
3-9. Shoulder Strap Installation

Optional
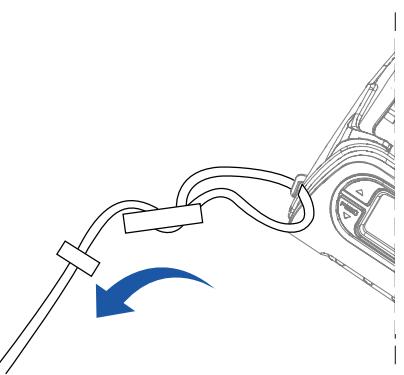
Insert the strap into the hook on the printer.
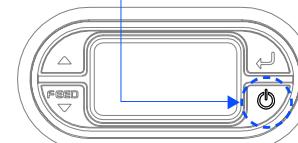
Place the end of the strap into the hook of shoulder strap.
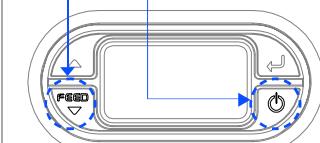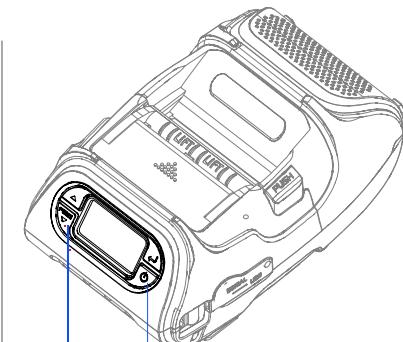
After pulling out the end of the strap tightly, put it into the clip to be fastened.

3-10. Self Test
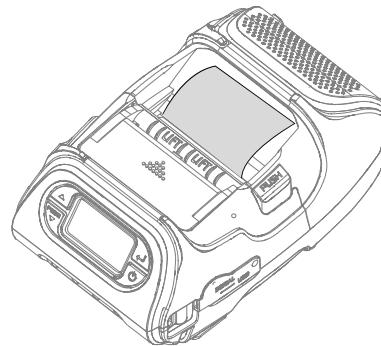
Turn off the printer.

Press and hold the feed button and power button.

The information label prints.

NOTE

1. For Hex Dump mode, do steps 1-2 then press the feed button.
2. After printing ASCII pattern, the diagnostic test is complete.
3. If the feed button is not pressed to go to Hex Dump mode, the printer exits diagnostics after three seconds.

The sample of self test printout

Upon initial installation or for troubleshooting, you can run the diagnostic test to get information about:
Firmware version, emulation, codepage, sensor settings, interface settings, etc.
If no issues are found with diagnostic test, examine other devices and software.
The diagnostic test is working independent of devices and software.
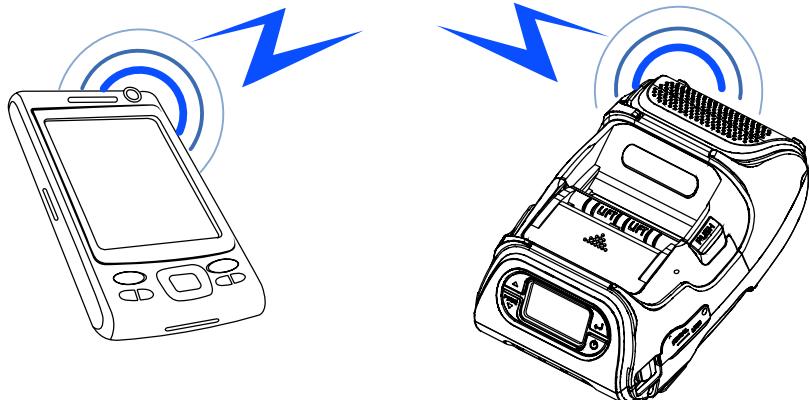
● **Do not overheat the motor**

To prevent the motor from overheating, stop the printer for at least 30 seconds after continuously printing 1.5 meters.

4. Peripherals Connection

This printer can communicate with Peripherals device via Bluetooth and cables.

4-1 Bluetooth Connection
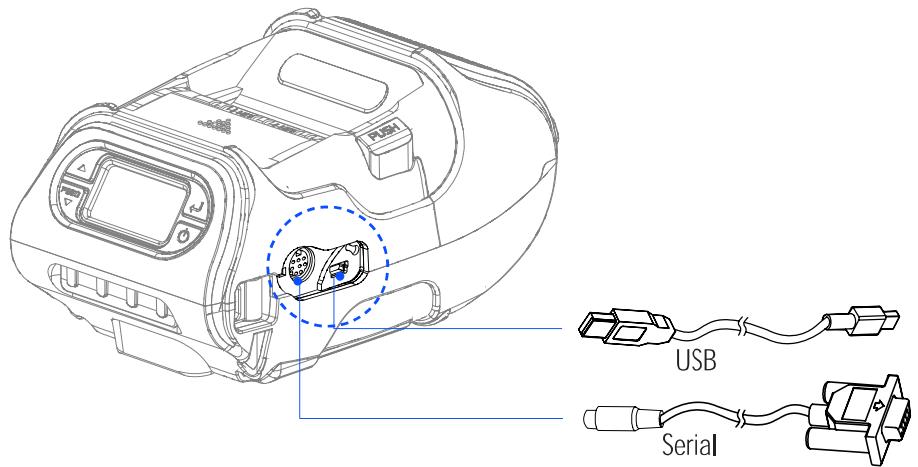
1. Printer can be connected to the PDA and PC which can do wireless communication.

2. By using Bluetooth function supported in PC, printer can be connected.

☑ **NOTE**
Refer to the Bluetooth Manual for more details on connection.

4-2. Interface Cable Connection

USB

Serial

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

☑ **NOTE**
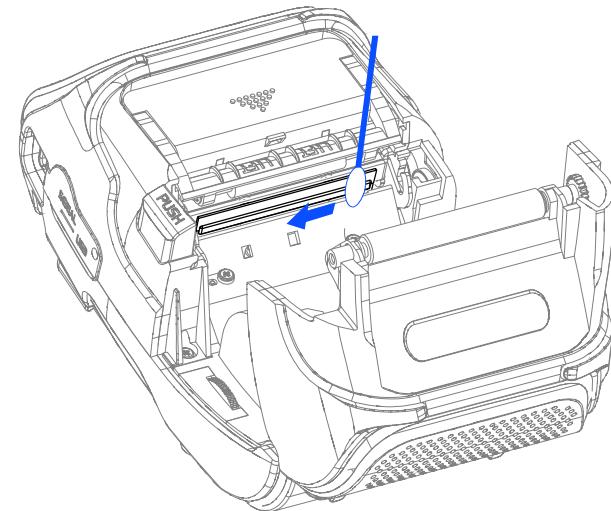
Use the cable offered by the manufacturer (USB, Serial)

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

5. Printer cleaning

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

5-1. PrintHead Cleaning

1. Use an applicator swab moistened with an isopropyl alcohol to clean the print head and remove any dusts.

2. Once cleaning is complete, allow the printer to dry then install the stock and close the cover.

☑ **NOTE**

1. Make sure to turn the printer power off prior to cleaning
2. The printhead can become very hot during printing; allow the printer approximately 10 minutes to cool before cleaning.
3. Do not touch the printhead, it can be damaged by static electricity.
4. Take care not to allow the print head to become scratched and /or damaged in any way.

5-2. 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.

Platen Roller
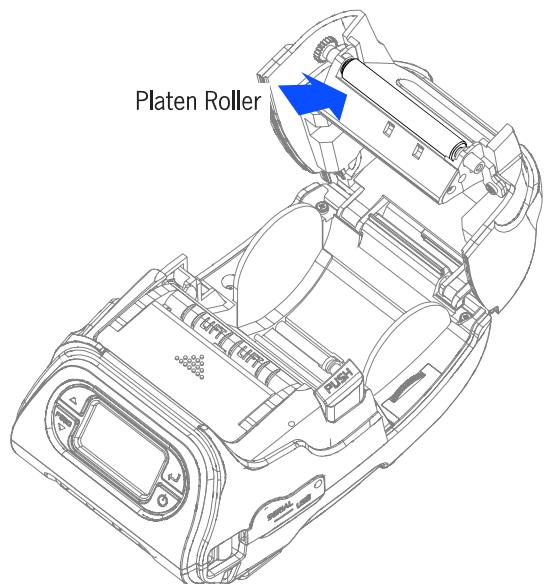
6. Pritner Specification

6-1. Specification

Printing Method		Direct Thermal
Printing Speed		80mm/sec
Resolution		203 DPI X 203 DPI
Character		ALPHA NUMERIC Character, Extension Character
Barcode	One-Dimensional Barcodes	UPCA +2/+5, UPCE +2/+5, EAN8 +2/+5, EAN13 +2/+5, EAN 128, Interleaved 2 of 5, Extended Code 39, Codabar (NW7), Code 128, Code 93, PostNet
	Two-Dimensional Barcodes	PDF417, MaxiCode, Aztec, QR Code (Quick Response), Datamatrix
	Stacked One-Dimensional Barcodes	GS1 Databar (RSS or Composite Code)
Emulation		CPCL, MPCL
Driver		Window CE 4.2&5.0, Window Mobile 5.0
Sensor		Black-Mark Upper/Lower, Gap, Cover open, Peeler Detect, Peeler S/W, Media-Width Detect
Paper	paper type	Thermal Paper
	width	56mm
	thickness	65$\mu\ell$
	External Diameter	Max. Φ 56mm
	Internal Diameter	12.5mm±0.5mm
Reliability	TPH	100km
	Battery	Continuous Printing 54min Standby for 11hours Printing length: 249.8M
Communications	standard	Serial(RS-232C), USB
	Optional	Bluetooth Class2, Wireless Lan *802.11b/g

Battery Charger	input	AC100~240V, 50/6 Hz
	output	8.4V , 800~1400mA
Battery	Battery type	Li-ion
	output	7.4V, 18.9wh
	Charging time	3.7 Hrs Charging
Size	WXDXH(mm)	104 X 85 X 158
	WXDXH"	3.9 X 3.3 X 6.2
Weight		580g (Bluetooth, Wifi not included)
Environmental sealing		IP54
Temperature	operation	5~40℃
	storage	-20~60℃
Humidity	operation	35 ~ 80%
	storage	10 ~ 90%

7. CPCL Command Compatibility

☑ NOTE

Compatible	Compatible with only commanders provided by the manufacturer.	Partially Compatible	Not Compatible
○	●	△	✗

Printer Commands	Compatibility
PRINT	○
FORM	○
JOURNAL	○
UNITS	○
Comments	○
TEXT	Compatibility
TEXT	○
FONT-GROUP(FG)	○
TEXT CONCATENATION	○
MULTILINE(ML)	○
COUNT	○
SETMAG	○
SCALABLE TEXT	X
Linear Bar Codes	Compatibility
BARCODE	○
BARCODE-TEXT	○
Two-Dimensional Bar Codes	Compatibility
PDF417 (PORTABLE DATA FILE)	○
MAXICODE	○
QRCODE	●
DATAMATRIX	●
GS1(RSS)	●

Graphics	Compatibility
BOX	O
LINE	O
INVERSE-LINE	O
PATTERN	O
GRAPHICS	O
PCX	O
Advanced Commands	Compatibility
CONTRAST	O
TONE	O
JUSTIFICATION	O
PAGE-WIDTH	O
PACE	O
NO-PACE	O
WAIT	O
REWIND	X
TENSION	X
SPEED	O
SETSP	O
ON-OUT-OF-PAPER	X
ON-FEED	O
PREFEED	O
POSTFEED	O
PRESENT-AT	X
COUNTRY/CODE PAGE	O
FORMAT FILES	O
BEEP	O
CUT	X
PATIAL-CUT	X
MCR	●

Line Print Mode	Compatibility
SETLP	O
SETLF	O
Moving With X and Y Coordinates	O
LMARGIN	O
SETBOLD	O
SETSP	O
Special ASCII Characters	O
SETFF	O
SET-TOF	O
SETLP-TIMEOUT	O

FCC Information

This device complies with part 15 of the FCC Results. Operation is subject to the following two conditions:

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

This Class [B] digital apparatus complies with Canadian ICES-003.
Cet appareil numerique de la classe [B] est conforme a la norme NMB-003 du Canada.

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 of the device.

☑ NOTE

This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instuctions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

1.1. Reorient or relocate the receiving antenna.
1.2. Increase the separation between the equipment and receiver.
1.3. Connect the equipment into an outlet on a circuit different from that to which receiver is connected.
1.4. Consult the dealer or experienced radio/TV technician for help.

⚠ WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

⚠ CAUTION

Antenna shall be mounted in such a manner to minimize the potential for human contact during normal operation. The antenna should not be contacted during operation to avoid the possibility of exceeding the FCC radio frequency exposure limit.

The device meets the FCC requirements for radio frequency (RF) radiation exposure in the standard body worn configuration with no minimum configuration. In this configuration, which applies whether the belt clip or shoulder strap is used, the face of the printer from which paper is transported is facing away from the user's body. The standard configuration must always be used when the printer is body worn.