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**MODEL : LK-P32**

**MOBILE PRINTER**

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**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.

# 1. Safety Caution

For higher reliability and safety, consider the following precautionary measures. Read and follow the instructions carefully before running 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

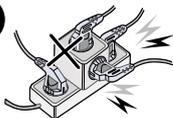


## WARNING

Failure to follow these instructions could result in fire, electric shock, or 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 the power plug into one outlet.  
(Potential risk of electric shock or fire)



Do not bend the wire and do not allow the wire to be pressed by heavy object.  
(Potential risk of electric shock or fire)

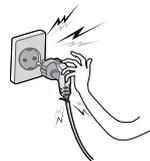


If a power plug is broken or a plug is cut or worn, do not use it.  
(Potential risk of electric shock or fire)



## WARNING

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



Do not pull out the power plug to turn off the product.  
(Turn off the power at installation, transportation, wiring and inspection.)



Do not disassemble, repair or modify the product.  
(Potential risk unit malfunction, electric shock or fire. When the product needs to be repaired, please contact in place where you ordered.inspection.)



## CAUTION

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



Do not install the product in uneven or inclined surface.  
(You may get hurt and it can be broken when it falls)



Keep product away from the water and other material.  
(Potential risk of discoloration or electric shock)



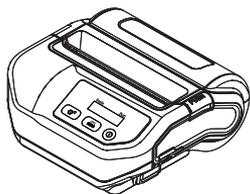
If the product that needs to be repaired, please contact in place where you ordered.  
(Potential risk of fire or unit malfunction)



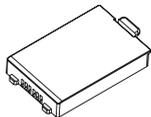
Please do not give excessive shock.  
(Potential risk of fire or unit malfunction)

## 2. Unpacking

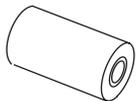
### Standard



Printer



Battery



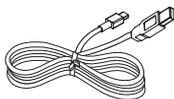
Roll paper



CD



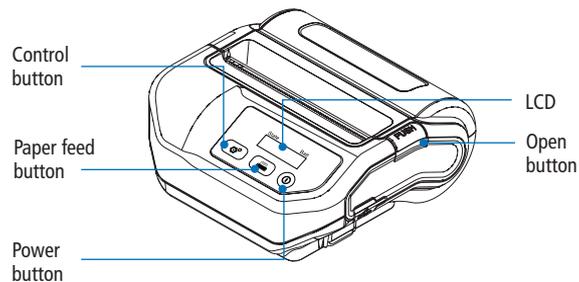
Charger



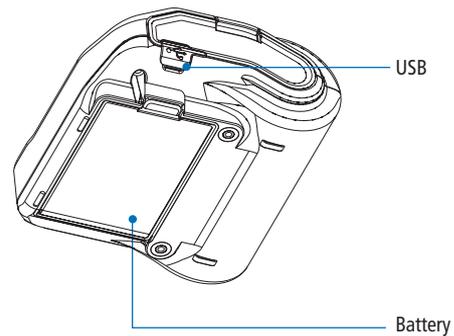
USB Cable

## 3. Product Overview

### Front

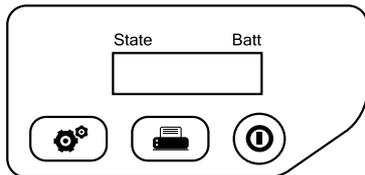


### Rear



## 4. Usage and Installation

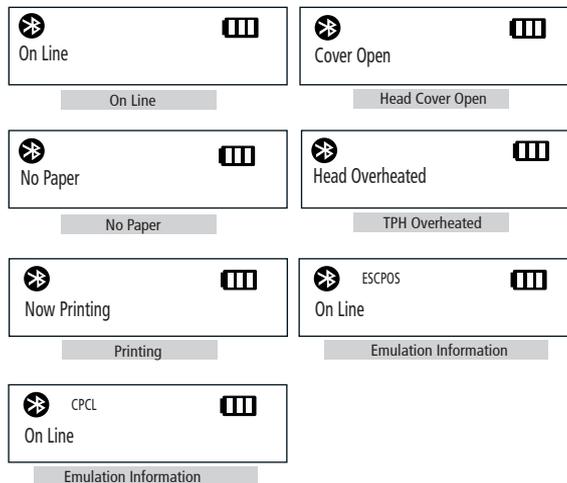
### 4-1 Control panel usage



Button	Name	function
	Power button	This button is used to turn the printer on and off. When the printer is off, press this button for approximately 3 seconds and it will turn on the power. When you press this button in a state that the printer is on, the printer will turn off.
	Paper feed button	Paper output can be done manually by pressing this button. Additionally, self-testing and Hexadecimal Dumping can be processed. Press to scroll through the menu choices on the LCD.
	Setting	Press to select a menu choice on the LCD.

### 4-1-1. Printer status icons

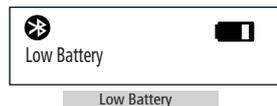
※ Bluetooth | Battery



### 4-1-2. How to check the remaining power

Full Low Battery Flat

The battery lamp in LCD signify the remaining power.



### 4-1-3. Configuration setting

※ Navigate the LCD menus by pressing  button.

Parameter	Action/Explanation
  Media : Current Media	<p><b>Current Media</b> Displays the Media type that is currently set</p> <p><b>Media Type: Journal BlackMark Label</b></p> <p><b>To verify Media Type</b> 1. Press  button once to display the current Media type.</p>

 **NOTE** To change the Media type, use Configuration Tool or LKPxxInitialSetting Utility.

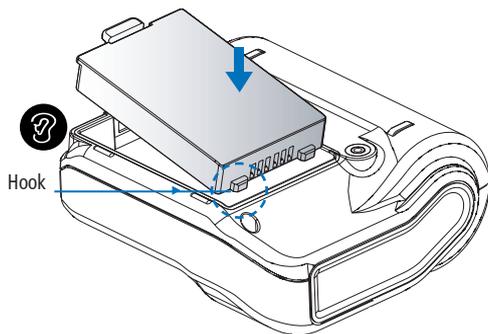
Parameter	Action/Explanation
  Manual Setting	<p><b>Adjust Print Density</b> Adjust printing resolution manually.</p> <p><b>Density Value: 1~9</b></p> <p><b>To change the value shown</b> 1. Press  button twice. 2. Press  button to adjust Density. 3. If you do not change any density value, it will automatically go back to main menu in 3 seconds. 4. Wait 3 seconds after adjust the density value, LCD will display "Saving...?". Then Press  button to save or wait 3 seconds not to save.</p>

Parameter	Action/Explanation
  Auto Setting	<p><b>Auto Gap or BM (Black Mark) and BAT (Battery) Calibration</b></p> <p><b>Mode: Gap or BM Calibration BAT (Battery) Calibration</b></p> <p><b>To Perform Calibration Auto Setting</b> 1. Press  button 3 times. 2. Press  button to execute Gap or BM and Battery calibration and wait for 3 seconds. LCD will display "Are you sure?" 3. Press  button to double confirm and printer will automatically execute auto setting. If not, wait for 3 seconds without pressing any button. It will automatically go back to main menu.</p>

 **CAUTION** To do BAT(Battery) Calibration, REMOVE Battery and use charger only.

 **NOTE** In case of using Journal Media mode, Gap or BM calibration will not be displayed.

## 4-2 Battery installation

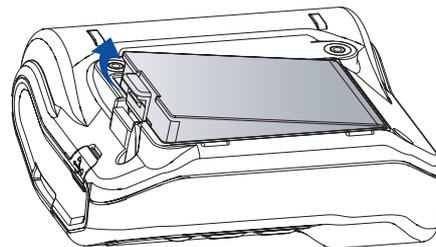


1. Align battery hook as shown in the picture
2. Push the battery into the printer until it locks in place.

**NOTE**  As the battery is not charged at the time of your purchase, charge the battery prior to using the printer  
(Use Battery charger or Cradle to charge)

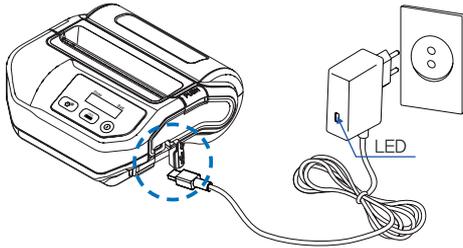
**CAUTION**  Risk of explosion if battery is replaced by an incorrect type.  
Dispose of used batteries according to the instructions

## 4-3 Battery removal



Remove the battery holding it up as shown above.

## 4-4 Battery charging



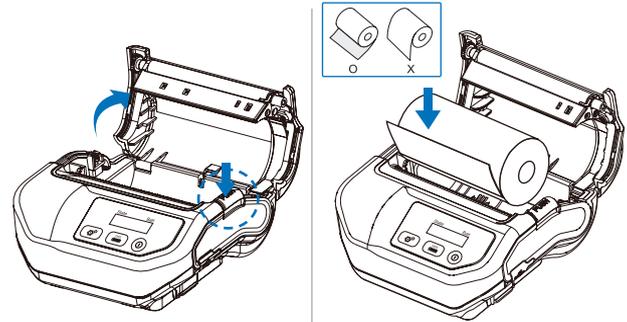
1. Be sure that the printer is turned off
2. After open the USB JACK cover, insert USB JACK into the printer.
3. Plug the power cord to electrical outlet.

### 4-4-1 The status of lamp in charging

Status	Charging	Charging complete	Charging stand by
Charging Lamp	Red	Green	Green

- NOTE**  1. Unless the exclusive charger is used provided by the manufacturer, the printer can be damaged, and the manufacturer is not liable for the consequential damage.
2. Before removing the battery, make sure that power is turned off.
  3. Printer does not work in the status of being connected with charger only.
  4. The battery should be installed to operate printer.
  5. While charging, do not turn on the power.
  6. Do not operate the print while charging the battery.
  7. Do not connect the charger while the printer is operated.

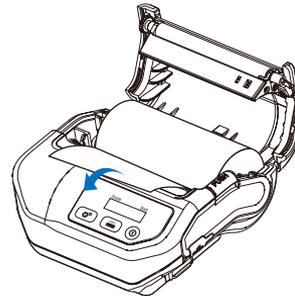
## 4-5 Roll paper installation



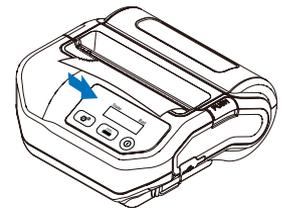
Press the PUSH button to open the paper cover

Insert the paper in the right direction

1 2  
3 4



Pull a short length of paper out of the printer and close the cover.



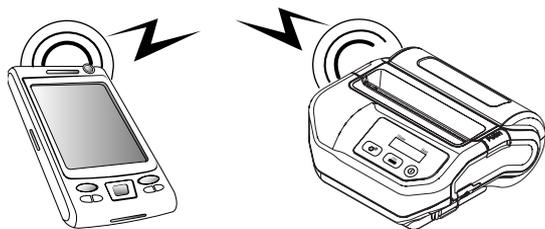
Tear off the additional paper using tear bar.



## 5. Peripherals Connection

This printer can communicate with peripheral devices via Bluetooth and cables.

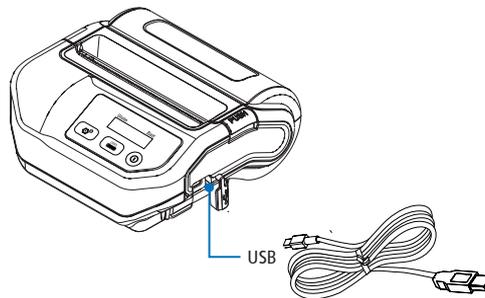
### 5-1 Bluetooth connection



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.

### 5-2 Interface cable connection



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

**NOTE** Use the cable offered by the manufacturer (USB)

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

## 6. Printer Specification

### 6-1 Specification

Printing Method		Direct Thermal
Printing Speed		Max. 70mm/sec
Resolution		203 DPI X 203 DPI
Character		9Type ( bitmap font)
Character set		ALPHA NUMERIC Character, Extension Character
Barcode		EAN-8, EAN-13, Code39, ITF, UPC-A, Codabar, Code93, Code128
Emulation		ESC/POS, CPCL Command Compatible
Driver		Windows CE 6.0, Windows Mobile6.0, Android
Sensor		Paper End Sensor , Cover Open Sensor , Black Mark Sensor, Gap Sensor
Paper	Paper type	Thermal Paper / Label
	Width	79.5mm±0.5mm
	Thickness	0.065~0.14mm
	External diameter	Max. $\phi$ 40mm±0.5mm
	Internal diameter	18mm ±0.5mm
Reliability	TPH	50km
	Battery	Continuous Printing 40~50min Standby: 11hour
Communications		USB, Bluetooth Class2
Battery Charger	Input	100-240V 50/60Hz 0.4A
	Output	8.4V 800mA 6.72W LPS
Battery	Battery type	Li-ion
	Output	7.4V , 1400mAH
	Charging time	2hours 30min

Size	W X D X H(mm)	109 X 104 X 48.5
	W X D X H"	4.29 X 4.09 X 1.9
Weight		335g (with battery)
Temperature	Operation	-10 ~ 50°C
	Storage	-20 ~ 60°C
Humidity	Operation	35 ~ 95%
	Storage	10 ~ 95%