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MOBILE PRINTER MODEL:LK-P22 Wi-Fi & Bluetooth



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 Caution

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





2. Unpacking



3. Product overview



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 1. Refer to "MANUAL" for self test information. 2. Refer to the service manual regarding Hexadecimal Dumping.	
BATT	Battery Status Lamp	 If the Batt, LED are Lit, the battery is fully charged. If you can hear beeping sound and LED light is turned off, it means that the battery is at the lowest level. If the battery is not charged at all, the printer turns off automatically. 	
) ERROR	Error Lamp	If the red light is turned on, it means there is no paper roll or the paper cover is open.	
STATUS	LINK/ Power Light	- LINK : LED BLINK - POWER ON : BLUE LED ON - POWER OFF : LED OFF	

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 (Battery charger or Cradle can be used to charge)

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 as shown

4-4 Battery charging

4-4-1 charging usage



1. Be sure that the printer is turned off.

2. After open the DC JACK cover, insert DC 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 Lamp	Red	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.



1. Place the printer into the set cradle as shown above.

- 2. Connect the DC JACK to the set cradle.
- 3. Plug the power cord into the electrical outlet.

4. Once the charging is completed, remove the printer from the set cradle.

Status	charging	charging complete
Charging Lamp	Red	Green



NOTE

In the case the printer is not fixed properly in the set cradle, the red lamp will be blinking, Then, extract and reinsert the battery.









The sample of self test printout

SEWOO, LK-P22

Printer Configuration Info. F/W Version : v1.03 FontRom Version : v1.0 Black Mark(Adj) : 154(868) Battery : 8.1V(831),offset:17 Timeout(Sleep) : 60 sec Ext' Flash : Exist H/W Version : v1.0 SDRAM : 8MB

Emulation Configuration Info. Emulation : CPCL Top Of Form : O Top Margin : O Left margin : O

Serial Interface Baud : 115200 Data bit : 8bit Parity Bit : none Stop bit : 1bit

USB Interface Version 2.0 Full speed compliant Product String : LK-P22

Bluetooth Interface

Version : v0.5.39 Device Name : Mobile Printer Mode : SPP_ONLY Paring Info : REGACY_MODE Class Type : PRINTER_CLASS Auto connection : Disabled Address : 74:F0:70:80:15:05 When the printer is installed initially or when you face a problem, you can run the self test and check the information about -Control Circuit, Mechanism, Print Quality, ROM Version

After checking with self-test and no issues are found, you can examine other devices and software. This function is working independent of devices and software.

• Motor protection from being overheated The motor should be stopped and cooled about more than 30 seconds after continuous printing 1.5 meter

4-10. MSR usage Optional



Insert and swipe the card in the direction of the arrow as shown in the picture.



Insert the card in the direction of the arrow as shown in the picture.

5. Peripherals connection

This product can communicate with other devices via Bluetooth communication and cable.



5-1. Bluetooth connection Optional

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

NOTE

- Please refer to the Configuration manual for detail.

5-1-1. NFC connection Optional

This product can communication with other devices via NFC communication.



- 1. The printer can be connected to devices equipped with NFC communication capacity.
- 2. Use the NFC connection function supported by the device to connect to the printer.

NOTE

- Please refer to the Configuration manual for detail. - NFC is compatible with only Bluetooth. This product can communicate with other devices via Wi-Fi communication and cable.



5-2. Wi-Fi connection Optional

- 1. The Printer can be connected to devices equipped with Wi-Fi communication capacity. (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 detail.



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

V NOTE

Use the cable offered by the manufacturer (USB)

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

6. Roll media specification



Core	
Diameter(A) 12.5mm +/-0.5mm	
Roll	
Max.diameter(B)	Max. Φ 40mm
Max.Media Width (C)	Max. 58 ± 0.5mm
Min.media Thickness	0.06mm



Protect the media against 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 delicate printhead.

7. Black Mark



8. Printer cleaning

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

NOTE

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



- 1. Use an applicator swab moistened with an alcohol solution to clean the print head and remove any dusts.
- 2. Once the cleaning is completed, insert paper roll into the printer few minutes later and close the printer cover.

Preventing Overheating

To prevent the motor from overheating, continuous driving of the printer should be 1.5 m or less in print length. Set the pause time for 30 seconds or more after driving the printer.

9. Printer Specification

9-1 Specification

Printing Method		Direct Thermal
Printing Speed		Max. 100mm/s
Resolution		203 DPI
Character	ESC/POS	FontA(12x24), FontB(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), Download- able TTF
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
Emulation		ESC/POS, CPCL, ZPL
Driver		Window Printer Driver(10, 2012, 8.0/8.1, 7, 2008, Vista, 2003, XP, 32 & 64bit), Windows (CE 4.2 & 5.0 & 6.0 & 7.0 / Mobille 5.0 & 6.0)
Sensor		Paper End Sensor, Cover Open Sensor, Black Mark Sensor
Paper	Paper type	Thermal Paper
	Width	Max. 58±0.5mm
	Thickness	0.06mm
	External Diameter	Мах. Ф 40mm
	Internal Diameter	12.5mm +/-0.5mm

Reliability		ТРН	50km
		Pulse Activation	50,000,000 pulse or more(12.5% Print Ratio)
Interface		Standard	USB
		Option	Bluetooth Smart Ready Ver 4.2 or Wi-Fi(802.11a/b/g/n)
Battery Cha	rger	Input	AC100~240V, 50/60Hz
		Output	8.4V , 800~1400mA
Battery		Battery type	Li-ion
		Output	7.4V, 1510mAh
		Charging time	2 Hrs (MSR+ICR : 2.5 Hrs)
EMV II	MSR	Card Standard	ISO 1&2&3 or ISO 1&2&JIS-II
(Optional)		Track	ISO Track 1&2&3
		Magnetic Head Life	500,000 Passes(minimum)
	ICR	Card Standard	ISO 7816
		Head Life Cycle	100,000 Passes(minimum)
Size [W x D x H (mm)]		Standard	80 x 119.4 x 44
		MSR+ICR	80 x 135.8 x 44
Weight		Standard	242.5g (With Battery)
		MSR+ICR	280.8g (With Battery)
Temperature		Operation	-10~50°C
		Storage	-20~60°C
Humidity		Operation	35 ~ 80%
		Storage	10 ~ 90%



