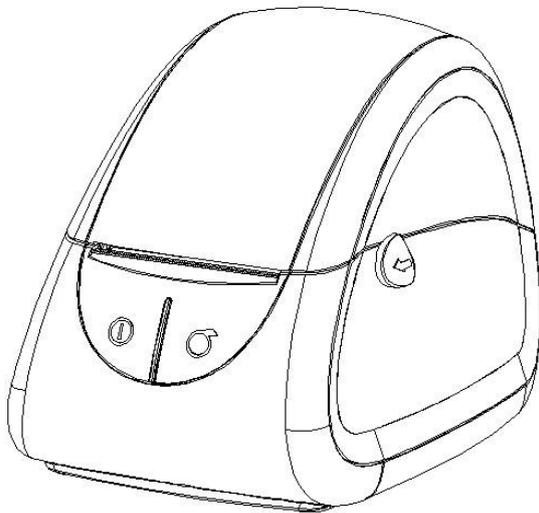
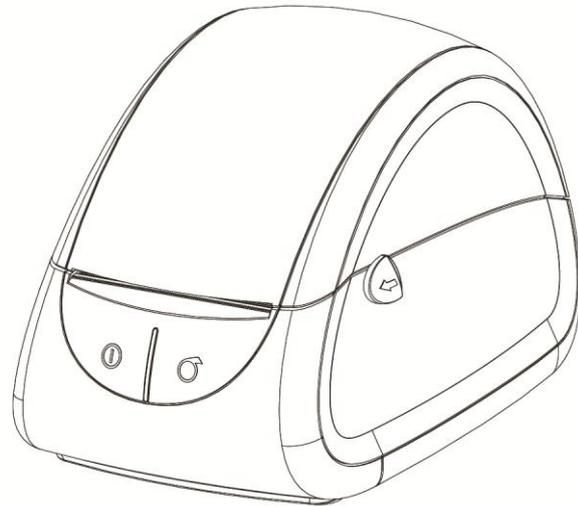


LPQ58/LPQ80

User Manual



LPQ58



LPQ80

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Statement

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Printed in China

1.0 Version

Warnings :



This must be complied with in order to avoid any damage to the human body and to the equipment.



This is showing the important information and tips for the printer operating.

Important Safety Instructions

1. Safety warning

- 1) Warnings: The print head will become very hot during printing; avoid contact with the print head after printing has finished.
- 2) Warnings: Do not touch the printer head and connector in case static damage the printer head.

2. Instructions

Read the following instructions thoroughly before starting up your printer.

- 1) Place the printer on a solid and even base so that it cannot fall.
- 2) Leave enough space around printer for operation and maintenance.
- 3) Keep all liquids away from the printer.
- 4) Do not expose the printer to high temperatures, direct sunlight or dust.
- 5) Protect the printer from shock, impact and vibration.
- 6) Ensure the printer is connected to a socket with the correct mains voltage.
- 7) Switch off the printer power supply when won't use it for a long time.
- 8) Do not printing when there is no paper, or it will damage printer head.
- 9) To ensure the printing quality and reliability, suggest use the same quality or recommend paper supplier.
- 10) Pls. switch off the power supply when connect/disconnect all the ports or it will cause damage to the printer control circuit.
- 11) Never carry out maintenance or repair work yourself. Always contact a qualified service technician.
- 12) Keep this Operator's Manual in a place which is easily accessible at all times.

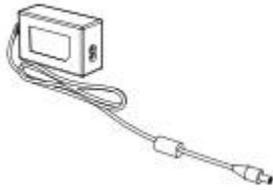
Chapter1. Introduction

Pls. follow the following procedures to install the printer and print out the test label.

1.1 POS Printer Packing

Note: Pls. do not connect the printer to the computer before the installment finished.

- 1 Open the packing of printer and keep the packing material.
- 2 Make sure you own all parts as follows:



Power Adapter



Power Line



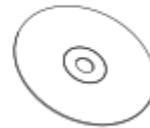
USB Cable



Serial Cable



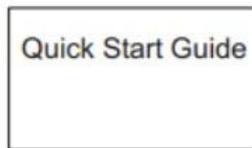
Cables Fastener



CD



Paper Roll



Quick Start Guide

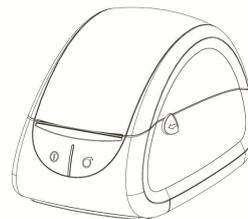
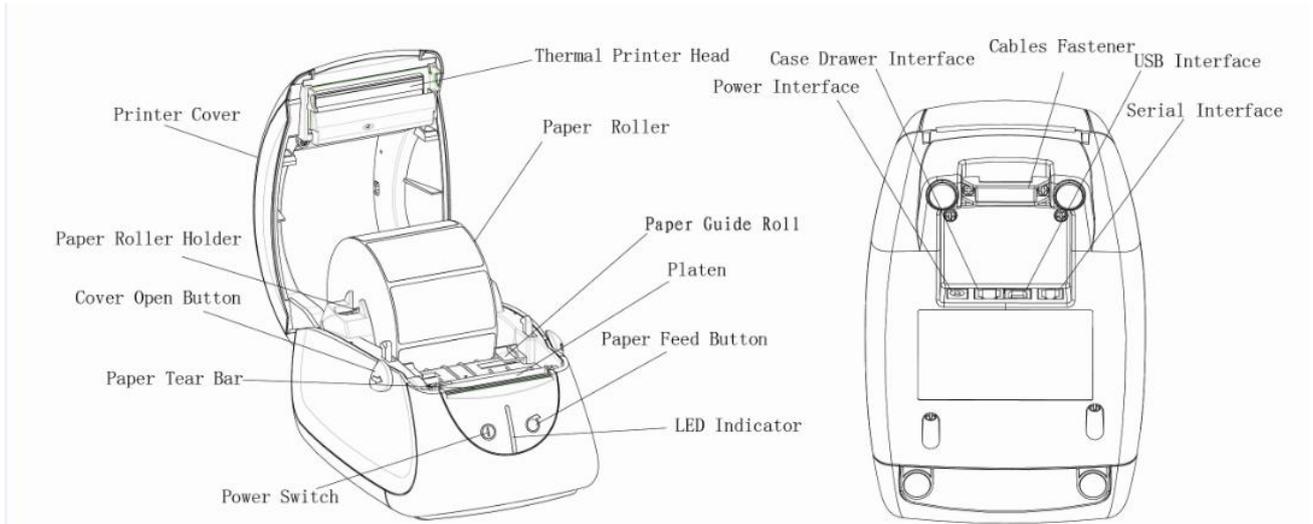
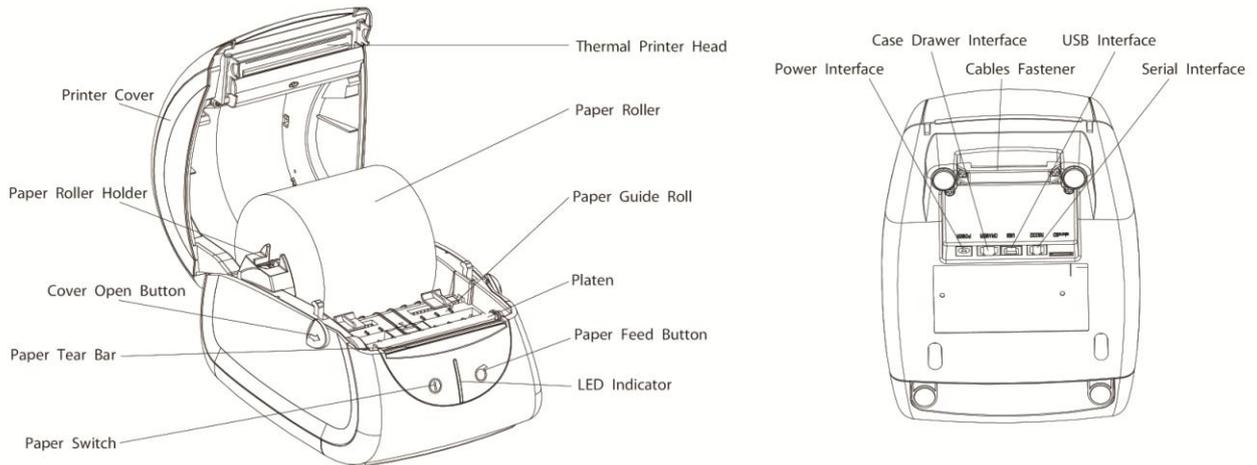


Fig 1

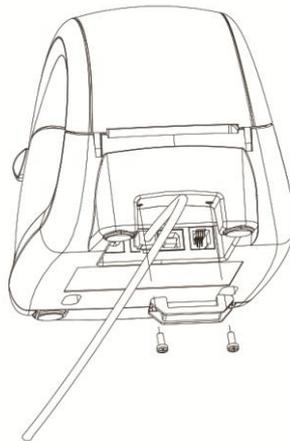
1.2 Printer Components



LPQ58



LPQ80



Cables Fastener

Chapter 2 Specification

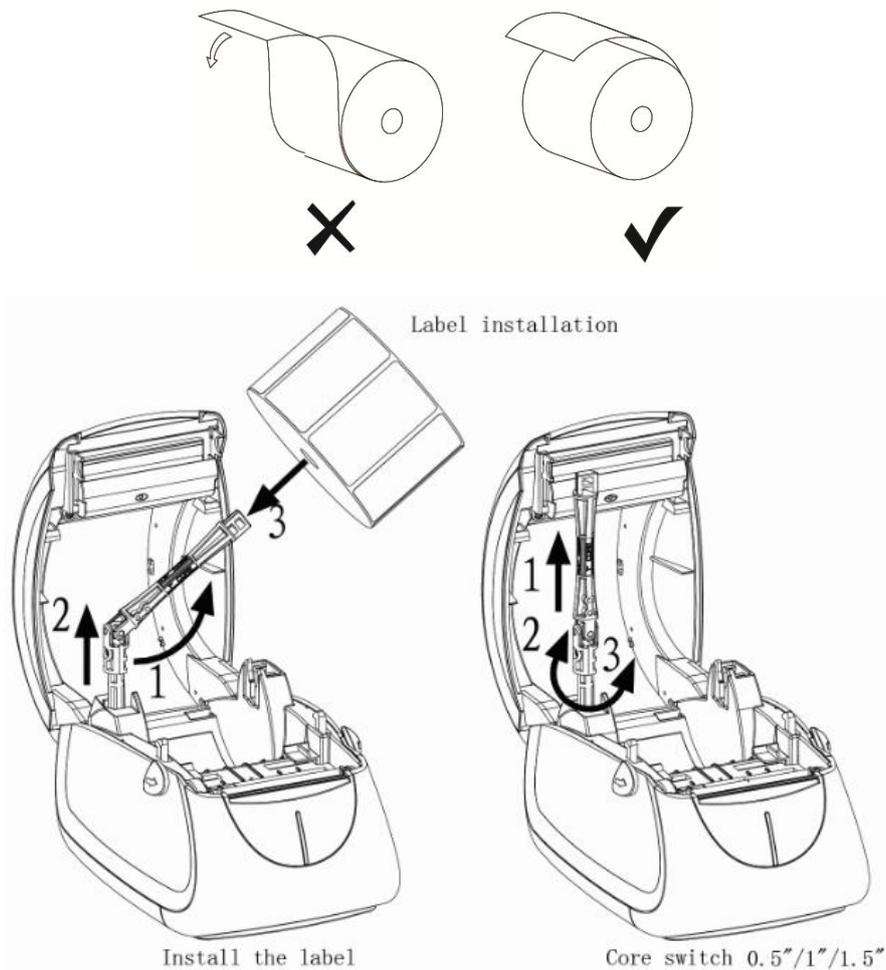
2.1 Specification

Items		Parameter	
		LPQ58	LPQ80
Printing	Printing method	Thermal line printing	
	Resolution	203DPI	
	Printing width	56mm	72mm
	Printing speed	100mm/s	
	Interface	RS232 / USB / Cash drawer	
Page mode		Support	
Memory	RAM	1M Byte	
	Flash	4M Byte	
Character	Chinese	GB18030	
	Alphanumeric	ASC II 9×17,12×24.	
	User-defined	Yes	
	Codepage	CP437 ,KataKana, CP850 , CP860 , CP863, CP865 , WCP1251, CP866, MIK, CP755, Iran, CP862, WCP1252, WCP1253, CP852, CP858, ran II, Latvian, CP864, ISO-8859-1, CP737, WCP1257, Thai, CP720, CP855, CP857, WCP1250, CP775, WCP1254, WCP1255, WCP1256, WCP1258, ISO-8859-2, ISO-8859-3, ISO-8859-4, ISO-8859-5, ISO-8859-6, ISO-8859-7, ISO-8859-8, ISO-8859-9, ISO-8859-15, Thai2, CP856, Cp874	
Barcode	1D	UPC-A、UPC-E、EAN8、EAN13、CODE39、ITF、CODEBAR、CODE128、CODE93	
	2D	PDF417、QR code	
Detection	Sensors	Cover open detection, No paper detection, label gap detection	
LED indicator	Power indicator	Blue	
	Normal working indicator	Green	
	No paper/Error indicator	Red	
Power supply	Input	9V 2A(External power adaptor)	
	Paper type	Thermal paper/thermal label paper	
Paper loading	Paper width	58mm	80mm
	Paper thickness	0.25mm Max.	
	Paper roll diameter	90mm Max for inner paper feeding, (no Max when outer paper feeding)	
	Paper loading	Easy loading	
Command		TSPL、ESC/POS	
Physical characteristics	Working condition	-10~50℃/25~80%RH	
	Storage condition	-40~70℃/≤93%RH (40℃)	
	Dimension	186 (L) ×128 (W) ×133(H)mm	188 (L) ×150 (W) ×134(H)mm
	Weight	805g (without paper roll)	880g (without paper roll)
Reliability	TPH	150km	

Chapter 3 Operation Methods

LPQ58 can also perform as LPQ80, please refer to the following instructions about LPQ58

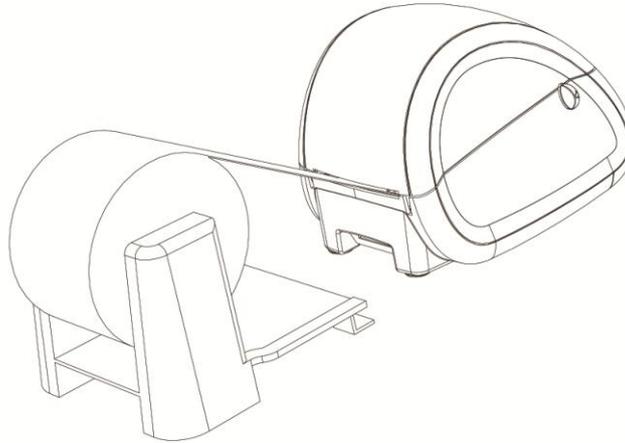
3.1 Paper Installation



Label Installation:

1. Use both of your index fingers to dial the buttons towards front to open the top cover;
2. Install thermal paper and pay attention to the direction of leading paper holder:
 - Like the left picture you can put into the 0.5 inch paper;
 - It allows putting 1.0 inch paper, If you forward turn 90 degree of paper holder;
 - It allows putting 1.5 inch paper, If you back turn 90 degree of paper holder,
 - Install the paper in the right site and lock the paper holder.
3. Pull out some of paper, open the paper holder to maximum to put the one end of paper into paper holder then adjust the width of paper holder.
4. Close the top cover.

Paper Loading For Big Paper Roll



3.2 Functions use

3.2.1 Power on

Under the state of power off, keep pressing on/off button about 1.25 second, power on and the LED indicator is blue. The printer work normally, the LED indicator is green. When paper out or abnormal working, the LED indicator is red.

3.2.2 Power off

Under the state of power on, keep pressing on/off button about 1.25 second, the printer close, LED indicator goes out.

3.2.3 Self-test

When user get the printer, you can have a self test on it to find the current setting and state.

The method of self-test:

Make sure it is power off then press paper feeding button **【FEED】**, it will print out demo paper if you press button switch, the demo paper including the current state of printer, printer setting and example of print.

3.2.4 Paper feeding (manual operation)

Under the normal working state, press button paper feeding **【FEED】**, print starts to feeding.

3.2.5 Parameter setting

1. Please follow below steps to enter parameters setting mode:

- a. Press **【POWER】** button three times
- b. Press **【FEED】** button one time
- c. Finish the above two steps within 2 seconds

2. When printer succeeds in entering the parameters setting mode, it prints the following contents and enters the first parameter setting – baud rate setting.

Enter setting mode:

Setting baud:

Baud = 9600

Optional baud rates: 9600, 19200, 38400, 57600, 115200.

It prints current baud rate 9600 and please press **【POWER】** button to select the baud rate required. Press **【POWER】** button one time, the printer prints the current ' baud= ***** '.When the printer prints the baud rate required, press the **【FEED】** button to quit, then enter the second setting – paper type setting.

3. After entering paper type setting mode, it prints the following contents:

setting paper type:

Paper type: auto

Optional paper type: receipt, label and auto

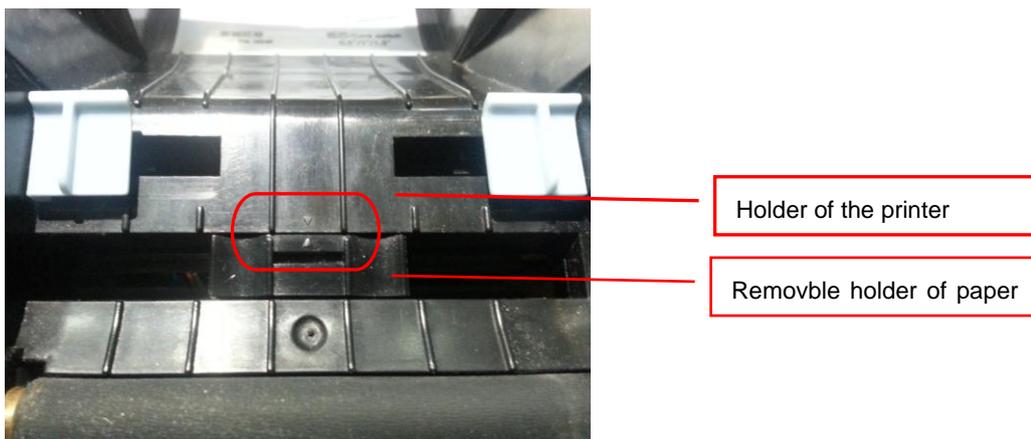
If user wants to change the paper type, press **【POWER】** button to select. Press **【POWER】** button one time, and the printer prints the current paper type: ***** 'When the printer shows the paper type required, press **【FEED】** button to quit The printer enters the third setting – print density setting.

Note:

Default media/paper type is auto. Under auto mode, printer feeds paper automatically to identify the media type after power on and the max feeding paper length this about 60mm.

The movable paper sensor must be fastened in the correct position to make sure that paper sensor can detect the paper status and label location under label printing mode.

Correct position: the little triangle on movable paper sensor frame must be opposite to the one on the printer guide frame.



4. After entering density setting mode, it prints the following contents:

Setting density:

Density: high

Optional density: high, middle and low.

If user want to change the density, press **【POWER】** button to select. Press **【POWER】** button one time, and the printer prints the current 'density : ***** '. When the printer shows the density required, press **【FEED】** button to quit. The printer enters the forth setting – print width setting.

Setting density:

Density: high

Optional density: high, middle and low.

5. After entering print width setting mode, it prints the following contents:

Set print width mode:

Print width: default

Optional printing width: default (384dots) and full area (448dots).

If user want to change the print width, press **【POWER】** button to select. Press **【POWER】** button one time, and the printer prints the current 'print width : ***** '. When the printer shows the print width required, press **【FEED】** button to quit, and the printer enters the next protocol setting mode.

6. After entering protocol setting mode, it prints the following contents:

Set protocol

Protocol: TSPL

Optional protocol: TSPL, ESC/POS

Users can change the protocol by pressing **【POWER】** button one time, and press **【FEED】** to confirm the chosen protocol. After this setting, printer will automatically power off.

NOTE: when paper type is set to receipt, only ESC/POS protocol is working. When paper type is set to label ,protocol type can be set to either ESC/POS or TSPL. when paper type is set to auto, printer will automatically detect media type and accourdingly switch to relavant protocol.

7.Power on and the above settings will take effect.

3.3 The installation of printer driver

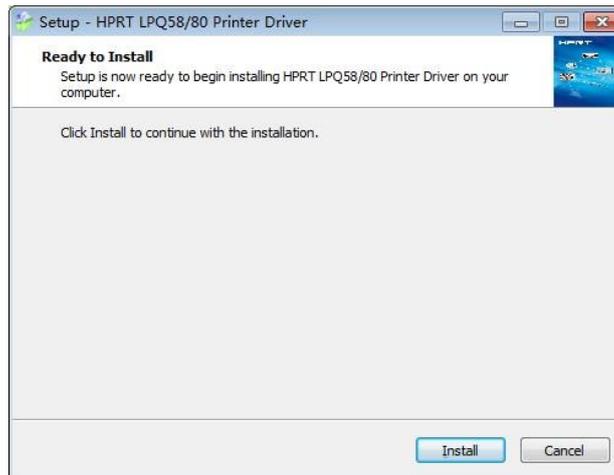
Pls. install USB driver before using USB port to print.

3.3.1 The installation of printer driver

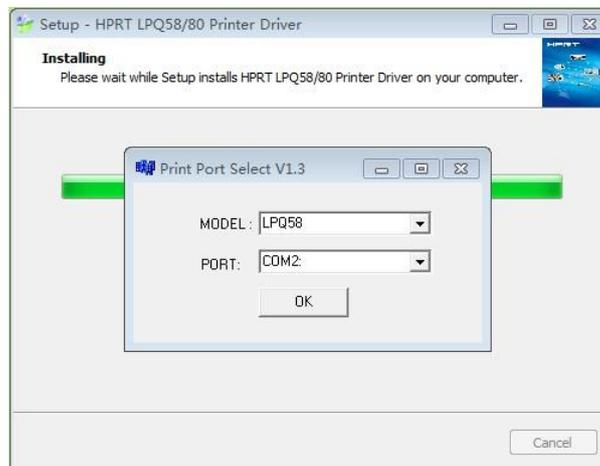
1、 Double click“HPRTLQPrinterDriver-v-1.0.0.20.exe”, choose “English” and click “OK”.



2、Click "Install".



3、Choose the model and the port you need and click "OK" to next step.



4、Click "Finish" . A successful installation.



Notes:

The printer is compatible with all usual label software in the markets. Using the label software to make label and insert related data, print it out by choice the print driver program.

You can refer to label utility software specification to make and print label.