⚠ Warning:

The company reserves all rights to modify the technology, components, software and hardware. No part of this manual can be changed without agreement. No part of chapter in this manual can be copied or transmitted in any format without permission. You may scan the QR code for more information.

Thermal Receipt Printer

WP
WINPAL

80mm Thermal Receipt Printer

User Manual

Please keep user manual for reference

What is in the box:

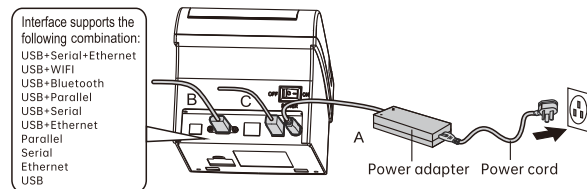|	
80mm Thermal Receipt Printer	X 1
AC adapter(with one AC cable power cord)	X 1
Data Cable except for Ethernet port	X 1
User's Manual	X 1
80mm roll paper	X 1
Software Disc(optional)	X 1
WIFI antenna(For WIFI printer with external antenna only)	X 1

Connecting the cables

A. Connect the adapter cable to the printer power interface.

B. Connect the data cable to the printer port.

C. Connect the cash drawer to the printer.

Interface supports the following combination:
USB+Serial+Ethernet
USB+WIFI
USB+Bluetooth
USB+Parallel
USB+Serial
USB+Ethernet
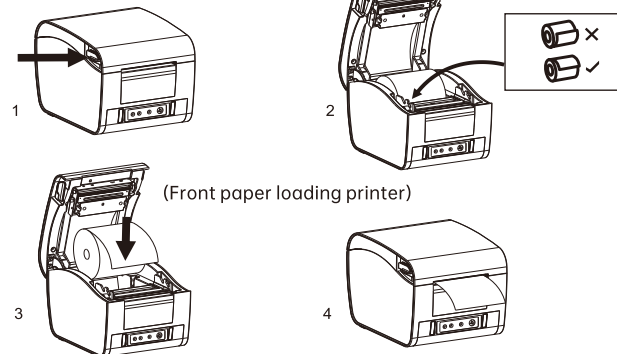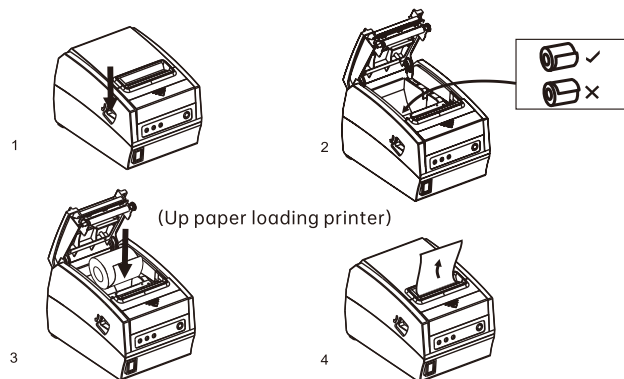Parallel
Serial
Ethernet
USB

B C A Power adapter Power cord

Note: Bluetooth and WIFI connection guide are available in CD

Paper roll installation

Follow the steps below to install the roll paper:

(1) Open the roll paper cover.

(2) Insert the roll paper as the following illustration shows.

(3) Pull out a small roll of paper, and close the roll paper cover.

(4) Tear up the spare roll paper.

1
2
3
4

(Up paper loading printer)

1
2
3
4

(Front paper loading printer)

Setting Printing Mode(DIP Switches)

DIP switches can be changed settings, such as: cutter, languages, beeper, print density baud rate etc.

DIP Switch Functions

DIP Function			
No.	Function	ON	OFF
SW-1	Select cutter	NO	YES
SW-2	Select beeper	YES	NO
SW-3	Select print density	DARK	LIGHT
SW-4	Two-byte character code	NO	YES
SW-5	Character per line	42	48
SW-6	Cutter with cash drawer	YES	NO

SW-7	ON	OFF	ON	OFF
SW-8	ON	ON	OFF	OFF
Transmission speed (bps)-bit/s	38400	115200	9600	19200

DIP Switch functions(several models only)

DIP Function			
No.	Function	ON	OFF
SW-1	Select cutter	NO	YES
SW-2	Select beeper	YES	NO
SW-3	58mm	YES	NO
SW-4	Two-byte character code	NO	YES
SW-5	Character per line	42	48
SW-6	Cutter with cash drawer	YES	NO

SW-3	OFF	OFF	ON	ON
SW-5	OFF	ON	OFF	ON
Character per line	48/64CPL	42/56CPL	32/42CPL	32/42CPL

SW-7	ON	OFF	ON	OFF
SW-8	ON	ON	OFF	OFF
Transmission speed (bps)-bit/s	38400	115200	9600	19200

Button name, indicator LED light and function

(1) FEED button
Press to FEED paper manually.
(2) Paper indicator(LED light)
If blue and red lights are on, which means lacking of paper. No alarm means normal status.
(3) Power indicator
If light on, which means connecting properly.
(4) Error indicator
When paper out, cutter error or printing head overheat, the alarm indicator beeps.

Self Test
Method:When the printer is power-connected,press "FEED" button and turn on the printer at the same time. Release the "FEED" button 2 seconds later,then the completed self test page will be printed out to show printer settings.

Method to enter hexadecimal mode
Method:When the printer is power-connected,press "FEED" button and turn on the printer at the same time.For about 10 seconds,release "FEED"button to enter data hex dump mode. It will print "Hexadecimal Dump" on the paper

Reset
Method:When the printer is power-connected,press"FEED"button and turn on the printer at the same time for about 20 seconds. Resetting succeeded if beeps.

How to solve paper jam
(1) Method one:
    Re-start printer.
(2) Method two:
Open the cover near the paper exit. Turn the gear on the cutter of the printing head, the cutter can be returned to the initial position.Then the printer can print normally after opening the cover to reload the paper.
Caution: Do not forcibly open the cover to avoid damage to the printing
        head and cutter.

Cautions:
(1) Be sure to install your printer on a stable surface and prevent it from vibration and impact.
(2) Do not use and store in locations subject to high temperature, humidity or pollution levels.
(3) Connect the power adapter into a properly grounded outlet. Do not share the same plug socket with large-scale electrical motor or other motors which may cause the power supply voltage fluctuations.
(4) Avoid water or other conducive materials such as metal getting into the intern of printer. If it happens, unplug the AC power cord immediately.
(5) Do not print without paper, or it will damage the rubber roller and thermal printing head.
(6) Unplug your printer before leaving it unused for an extended period.
(7) Never dissemble or modify the printer for repair or reconstruction.
(8) Be sure to use the original specified power source.
(9) Quality roll paper is recommended for premium printing and product maintenance.
(10) Be sure to turn the printer off when plugging and unplugging.
(11) Place the plug socket around the printer for convenience.
(12) This printer is used only below 5000 meters above sea level in tropical climate conditions.

Clearance
Timely clean the printing head if one of the below conditions occurred:
(1) Unclear printing.
(2) Unclear vertical column in printing paper.
(3) Noisy feeding.

Cleaning steps are as follows:
(1) Turn off the printer and open the roll paper cover. Remove the roll paper if any.
(2) After printing, the thermal printing head can be very hot. Wait till the thermal printing head is cool before cleaning.
(3) Clean the thermal elements of the thermal printing head with a wrung-out cotton moistened with an alcohol solvent.
(4) Wait till the ethanol completely volatilized to close cover. Then print self-test page.

⚠ Notice:
(1) Please make sure power off when maintaining printer.
(2) Don't touch or scratch printing head surface, roller and sensors.
(3) Avoid gas, acetone or other organic solvent.
(4) Wait till alcohol completely volatilized, close top cover and connect power again.
    Try print self-test page to make sure it works properly.

Certificate

Inspector __01__   Q.C. PASSED