

User Manual

ZKP8007

Version: 1.0

Due to the regular upgrades of systems and products, ZKTeco could not guarantee exact consistency between the actual product and the written information in this manual.

Caution

- Install your printer on a stable surface and prevent it from any form of vibration and impact.
- Avoid storing or using it in hot, humid, or polluted areas.
- Connect the power adapter to a grounded outlet. Do not share the same plug socket with a large-scale electrical motor or other motors, which may cause voltage fluctuations in the power supply.
- Avoid water or other conductive materials, such as metal, from getting into the printer's interface. Unplug the AC power cord right away if it happens.
- Do not print without paper. It will damage the rubber roller and thermal print head.
- Unplug your printer before keeping it idle for a long time.
- Do not change or disassemble the printer to repair or rebuild it.
- Make sure that you use the original specified power source.
- Quality paper roll is recommended for premium printing and product maintenance.
- Make sure the product is "OFF" before plugging it in or unplugging it.
- Place the plug socket close to the product for convenience.
- This product is only used up to 5000 meters above sea level in tropical climate conditions.
- Please make sure power is turned off while maintaining the printer.
- Don't touch or scratch the printing head surface, roller, and sensors.
- Avoid gas, acetone, or other organic solvents.
- Close top cover and reconnect power after the alcohol has been completely volatilized. Run the print self-test to ensure that it works properly.

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1 Features

1. Supports a range of one-dimensional barcode printing and allows for the free conversion of simplified or traditional characters through the instructions.
2. Support cash drawer drivers with automatic paper cutting.
3. Support wall mount function.
4. Support sound and light alarm function.
5. Printing and downloading images with NVLOGO support (picture format is BMP).
6. Equipped with a unique flip-open buffer and anti-drop function.
7. The overheating protection of the print head aids in extending its lifespan.
8. Programming an anti-jamming knife design will prevent knife jamming.
9. Support the error alarm and incoming order prompt functions.
10. Support the ability to prevent lost orders as well as network printing.
11. Compatible with ESC/POS commands.
12. Support Linux system driver and advanced OPOS driver.
13. Easy-to-load paper structure, simple to load paper, and out-of-paper detection.
14. Support black mark detection function.
15. Printing commands with powerful graphics customization and character customization can produce clear and beautiful printing.

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2 Application Area

- Kitchen ticket printing system.
- Takeaway ticket printing system.
- Shopping mall receipt printing system.
- Hospital receipt printing system.
- Supermarket receipt printing system.
- Sports lottery printing system.
- Bank bill printing system.
- Telecommunication bill printing system.

3 Packing List

80mm Thermal Receipt Printer	1 PCS
AC Adapter (with one AC cable power cord)	1 SET
Data Cable (except for ethernet port)	1 PCS
User's Manual	1 PCS
80mm Roll Paper	1 ROLL
Software Disc (optional)	1 PCS

4 Driver Installation

Install driver under Windows OS (Steps as below):

Double click driver "POS Printer Driver Setup V7.17_02".

Installation steps:

1. First make sure whether it is set as the default printer.
2. Select the printer port to use (if it is a USB interface, ignore this step directly).
3. Click "**Start**" to install.

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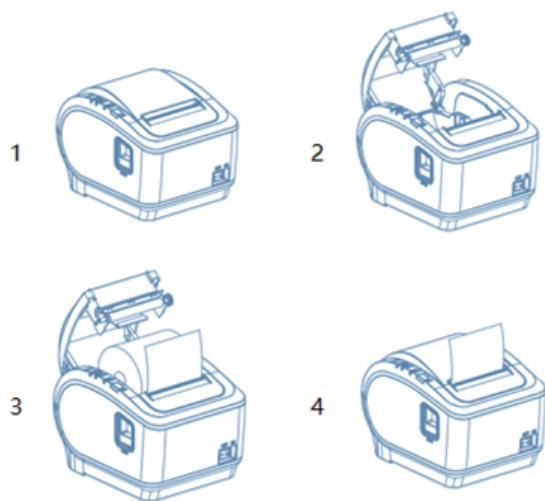
5 Printer Connection

1. Connect the adopter cable to the printer power interface.
2. Connect the data cable to the printer port.
3. Connect the cash drawer to the printer.

6 Paper Roll Loading

To install the paper roll, follow the steps below:

1. Open the paper roll cover.
2. Insert the paper roll as shown in the illustration.
3. Pull out a small roll of paper and close the paper roll cover.
4. Tear up the spare paper roll.



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7 Button Name, Indicator Light and Function

1. FEED Button

Press to FEED paper manually.

2. Paper Indicator (LED Light)

The flashing blue and red lights indicate a paper shortage and the absence of an alarm means everything is going well.

3. Power Indicator

The Power indicator light will be on if the connections are made properly.

4. Error Button

The Error indicator twinkles when there is a paper shortage, a cutter error, or a printing head overheating.

5. Self Test

Turn off the printer while it is powered up, press the "FEED" button and then turn it back on. The finished self-test will print out to display printer settings after two seconds.

6. Method to Enter Hexadecimal Mode

When the printer is powered on, press and hold the "FEED" button while turning it on for around 10 seconds, then release the button to enter data hex dump mode. "Hexadecimal Dump" will be printed on the paper.

7. Reset

When the printer is powered on, press and hold the "FEED" button while turning it on for around 20 seconds. Reset succeeds if the beeper sounds.

8 Clearance

Timely clean the print head if one of the below conditions occurred:

1. Unclear printing.
2. Unclear vertical column in printing paper.
3. Noisy feeding.

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9 Cleaning

Clean the printer as follow:

1. Turn off the printer and open the roll paper cover. Remove the roll paper if any.
2. The thermal head may become extremely hot after printing. Allow it to cool before cleaning.
3. The thermal elements of the thermal head should be cleaned with wrung-out cotton that has been moistened with an alcohol solvent.
4. Close the cover after the ethanol has been completely volatilized. After that, print the self-test page.

10 How to Solve Paper Jam

• Method 1

Re-start printer.

• Method 2

Open the battery cover near the paper exit. Turn the white gear on the cutter. Only if the cutter gets back to its initial position, the cover can be opened.

Caution: Do not damage the print head and the auto-cutter by opening the cover forcibly.

11 Failure Analysis

A. Printer command light is off.

1. Replace the power adapter.
2. Check outlet power.

B. Print no content.

1. Check that the paper is installed in the correct orientation.
2. Check whether the power supply uses the original power supply.
3. If there is nothing on the printed self-check page after verifying the above, the machine has a hardware issue.

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12 Specifications

Item	Parameter
Color	Black
Printing Method	Direct thermal
Paper Width	79.5±0.5mm
Print Width	72mm
Print Resolution	576 dots / line or 512 dots / line (Adjustable by command)
Printing Speed	180 mm/s
Interface	USB、USB+LAN
Line Spacing	3.75mm (Adjusted by command)
Column Number	Font A: 42 columns or 48 columns
Character Size	ANK: Font A: 1.5×3.0mm (12×24 dots) Font B: 1.1×2.1mm (9×17 dots)
Extension Character Sheet	PC437(Std.Europe) / (Katakana) / PC850(Multilingual) / PC860(Portugal) / PC863(Canadian) / PC865(Nordic) / (West Europe) / (Greek) / (Hebrew) / (East Europe) / (Iran) / (WPC1252) / PC866(Cyrillic#2) / PC852(Latin2) / (PC858) / (IranII) / (Latvian) / (Arabic) / (PT1511251)
1D Barcode Types	UPC-A / UPC-E / JAN13(EAN13) / JAN8(EAN8) / CODABAR / ITF / CODE39 / CODE93 / CODE128
Auto Cutter	Partial
Print Command	ESC/POS
Power Adapter	Input: AC 100-240V/50-60 Hz; Output: DC24V/2.5A
Printer Input	DC 24V/2.5A
Cash Drawer	DC 24V/1A
Cutter Life	1.5 million cuts
Printer Head Life	150KM
Dimensions	189*145*140mm(DxWxH)
Net Weight	1.00 Kg
Packing Weight	1.85 Kg
Operation Temp.	0 °C- 45°C
Storage Temp.	-10°C - 60°C
Operation Humidity	10 - 80%
Storage Humidity	10 - 90%
Certificates	CE & FCC & RoHS

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