

User Manual

Thermal and thermal
transfer label printer

OPrint-DB200WN

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Specifications:

- **Warranty:** 1 year
- **Material:** ABS plastic
- **Printing Method:** Thermal & Thermal Transfer
- **Resolution:** 203 dpi
- **Maximum print speed:** 152.4 mm/s
- **Maximum Print Width:** 108mm
- **Maximum Print Length:** 2794mm
- **CPU:** 400MHZ, 32-bit, ARM9
- **RAM:** 64MB SDRAM
- **Operating Voltage:** AC 100-240V, 2.5A, 50-60Hz
- **Interface:** USB 2.0, USB Host 2.0, RS-232, LAN, WIFI
- **Buttons:** On/Off Button, Stop Button, Feed Button
- **Printer command languages:** EPL, ZPL, ZPL II, DPL, TSPL
- **Roll Type:** Continuous Paper, Die-cut, Black Mark Paper, Fan-fold, Notched
- **Roll Width:** 15~112 mm (0.6"~4.4")
- **Roll Thickness:** 0.055~0.254mm
- **Shaft Diameter:** 25.4 mm (1")
- **Label Roll Capacity:** 127 mm (5")
- **Label Length:** 5~2794mm
- **Dimensions of the device:** 28 x 20 x 18.2 cm
- **Package dimensions:** 39.5 x 26 x 24 cm
- **Device weight:** 3 kg
- **Weight with packaging:** 3.4 g
- **Operating temperature:** 5 to 40°C
- **Storage temperature:** -40 to 60°C
- **Operating Humidity:** 25% to 85%
- **Storage Humidity:** 10% to 90%
- **Printed ID Codes:** Code 11, Code 39, Code 93, Code 128, UPC-A, UPC-E, UCC-128, Codebar, EAN/JAN-8, EAN/JAN-13, Interleaved 2 of 5, ITF14, MSI Pleassy, PostCode, Telepen

- 2D Printed Codes: **QR Code, PDF 417, Micro QR Code, Micro PDF417**, Grid Matrix, MaxiCode, Aztec Code, MAtrix Data
- **Certificates:** FCC, CE, CCC, BIS, CB

Kit contents:

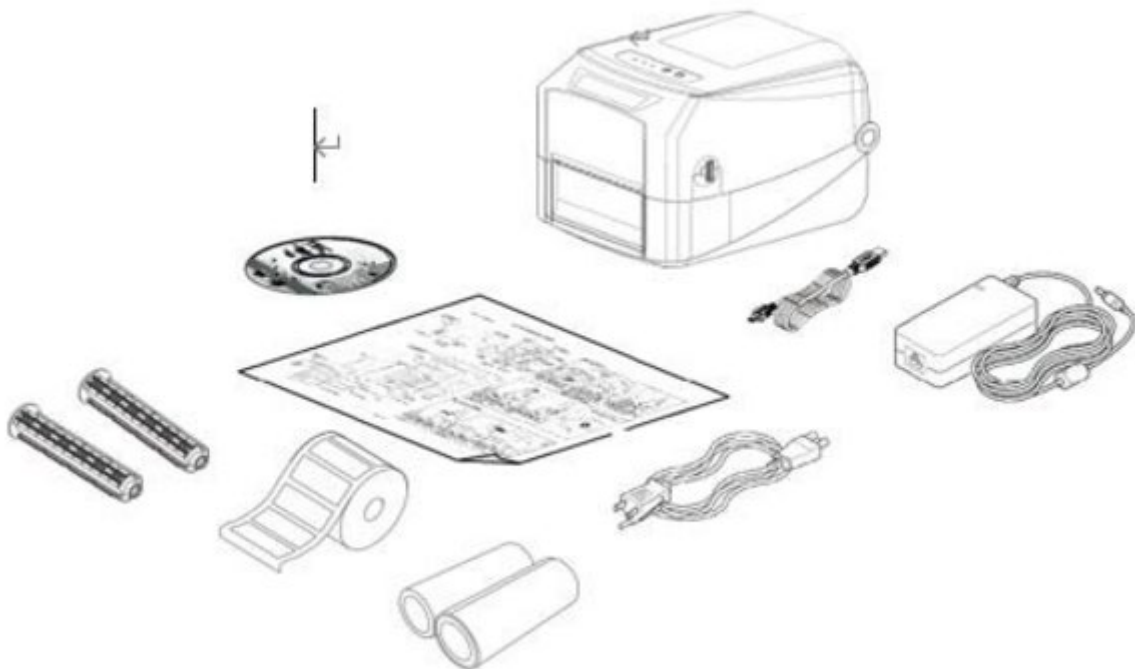
- Label Printer
- USB-B cable
- Power cord
- Roller spindle
- Test Roller
- User Manual

Unpacking and inspection

The printer has been specially packaged so that it will not be damaged during transport. When you receive the barcode printer, you should carefully inspect the packaging and printer. Keep the packaging materials in case you need to reship the printer.

When unpacking the printer, make sure that the following items are in the carton:

- One power cord
- One external universal switching power supply
- One USB interface cable
- 1 inch roller for 300m long belt
- One sample tape and label roll



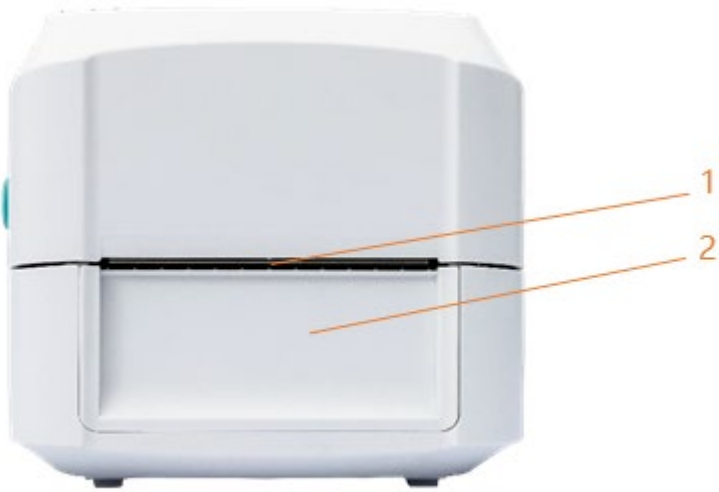
Printer Overview



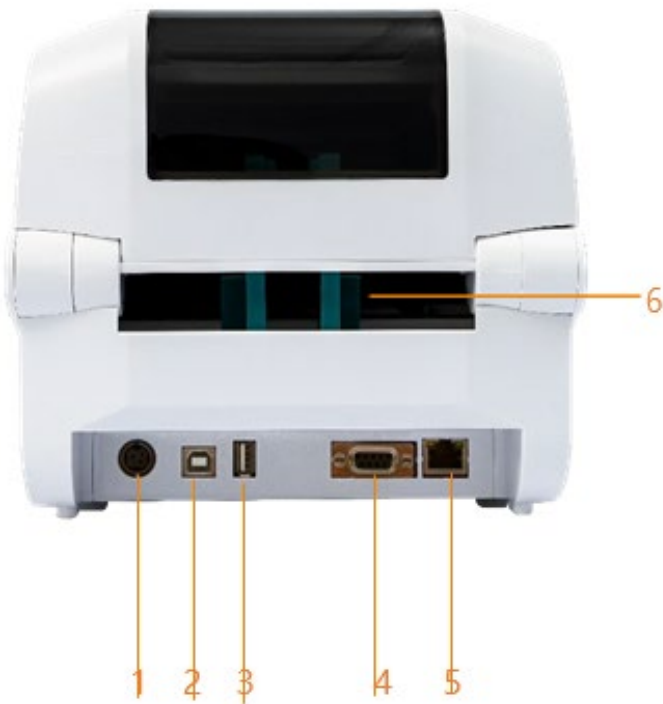
- 1. ONLINE Indicator
- 2. ERROR indicator
- 3. RIBBON indicator
- 4. PAUSE button
- 5. FEED button



- 1. Printer Top Cover
- 2. Top cover opening tab
- 3. Space for a new tape
- 4. Fixing tabs
- 5. Media Guide
- 6. Gap Sensor
- 7. Black Mark Sensor
- 8. Pressure roller
- 9. Power Switch



1. Paper tear edge
2. Front grille



1. Power socket
2. USB Interface
3. USB host (for HID keyboard or scanner)
4. RS-232 interface (optional)
5. RJ-45 Ethernet interface (optional)
6. External label chute

Printer Setup

Place the printer on a flat, secure surface, and then follow these steps:

- Plug the power cord into the power cord slot on the back of the printer. Then plug the other side into a properly grounded electrical outlet.
- Connect the printer to your computer using the USB cable provided.
- Press the power switch to the "-" side to open the printer's power.

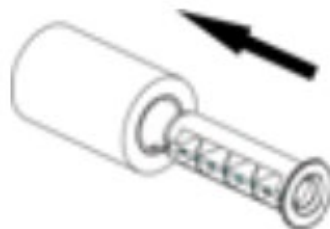
NOTE:

* Please turn off the power to the printer before connecting the power cable to the printer's power socket.

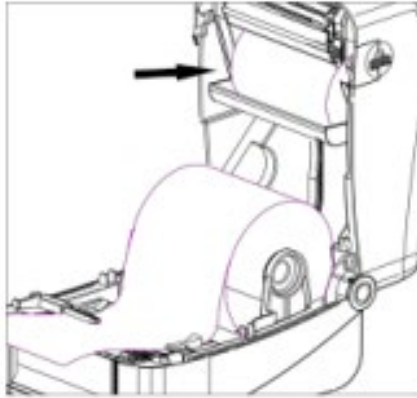
* The interface image is for reference only. Please refer to the product specification for interface availability.

Ribbon placement

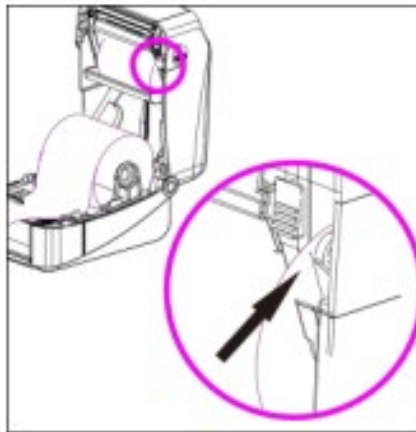
1. Insert the roll with the black tape into the new tape.



2. Load the tape first from the left side and then from the right.



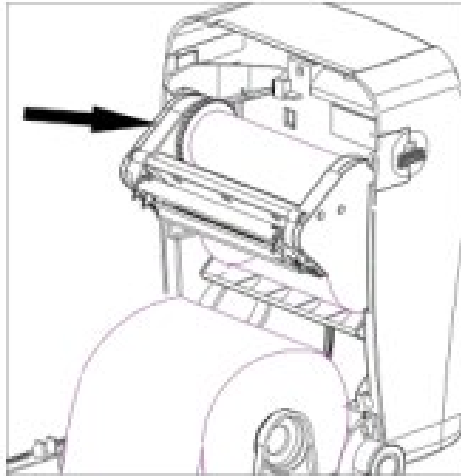
3. Press the button to open the ribbon holder as shown in the picture



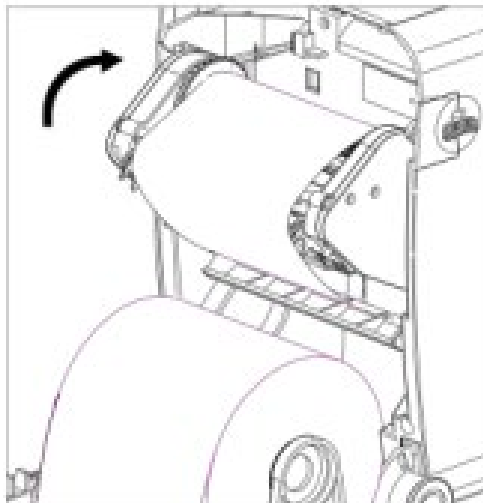
4. Insert the blue ribbon roll into the empty ribbon collection roll after printing



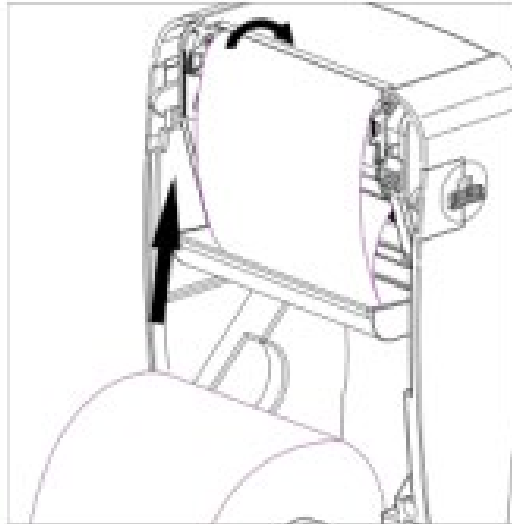
5. Load the empty roll first with the left side and then with the right side.



6. Pull out the tape and insert it into the empty roll. Make sure the ribbon is flat and smooth when you touch the print head.



7. Place the tape holder back in the location shown in the picture.



8. Close the top cover carefully.



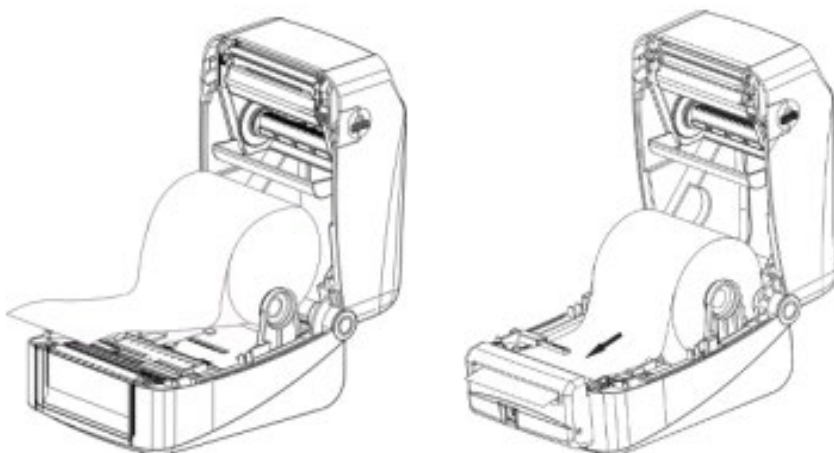
Placing Media

Label Roll

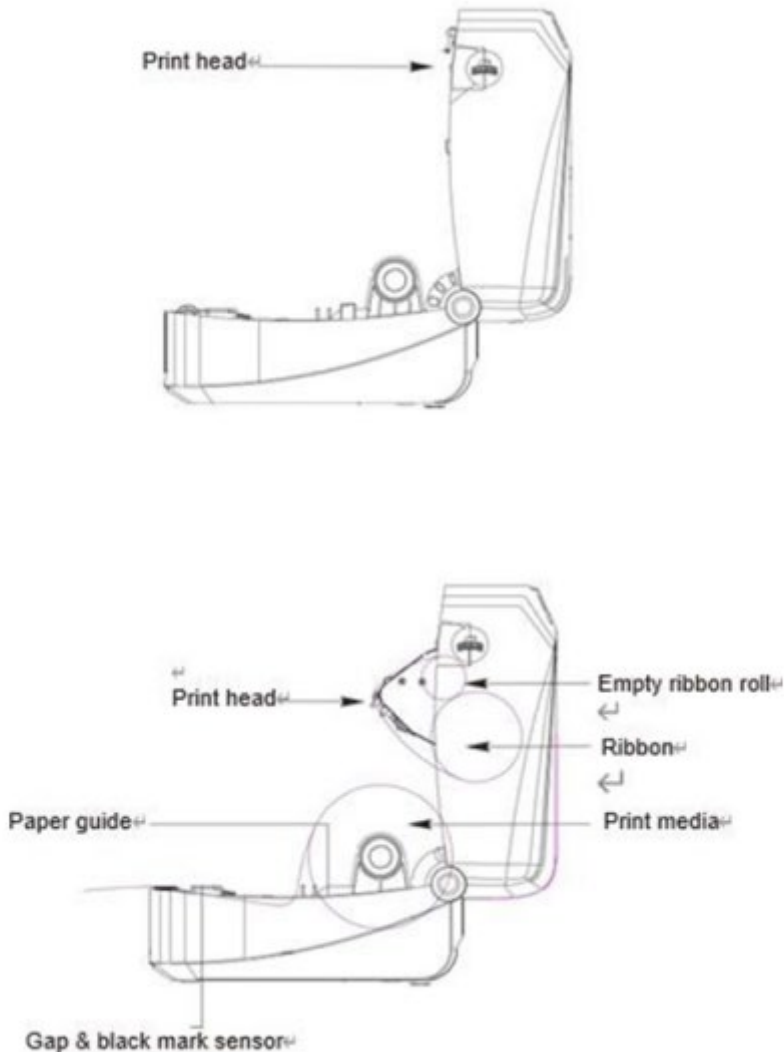
1. Press the two buttons on both sides of the printer to lift and open the cover.



2. Load the print media into the printer; Adjust the paper guide so that the width of the print media is the same.

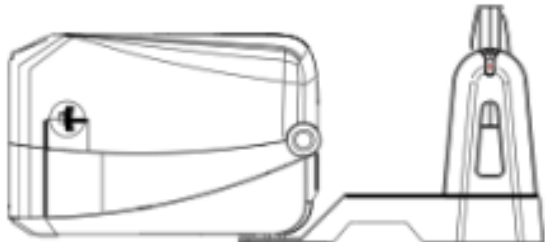


Ribbon and print media loading diagram

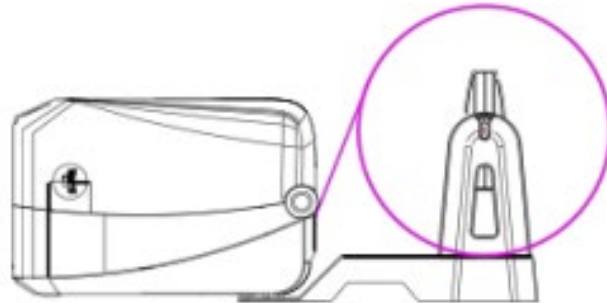


Mounting the roller with external label (optional)

1. Attach the external stent to the bottom of the printer.



















2. Insert the label spindle into the paper roll. Then install it on the outer paper roll holder.



LED indicators

Event	Description	Status of diodes 1	Status of the diode 2	Sound
Thermal transfer printing	Blue(ONLINE) and green(RIBBON) fixed and the device is ready for use.			
Thermal Printing	Blue(ONLINE) fixed and the device is ready for use.			
Open Case	When the lid is open, a beep will sound and the colors blue, red and green will flash			
PAUSE	Press the PAUSE button. When blue(ONLINE) flashes, the			

	printer will pause.			
FEED	Press the FEED button to print as required			
No paper	When the paper runs out, a beep sounds and a red LED flashes			
No tape	If there is no tape, a beep will sound and the red LED will be solid, the green light will flash.			
Label Vulnerability/ Character Error	When the tape is finished, a beep will sound and the green and red LEDs will flash			
Cutter error	If the device is not found, a beep will sound.			
Overheated head	When the print head is overheated, a beep will sound and blue (ONLINE) and red (ERROP) will flash alternately.			

	flash alternately			
Other errors	When other errors occur, a beep will sound and the red and green LEDs will flash alternately			



Regular button functions

This printer has two buttons for feed, pause, and cancel errors. There are different functions in different modes, as shown in the table below:

Button	Printer Status	Feature	Description
Feed button	Ready	Feed	When the printer is ready (blue LED is on), press this button once and the label will move to the front of the next label.







Feed button	Wait for further printing	Continue printing	When Demand is enabled, the printer
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			will stop after printing and wait for the user to press this button before printing the next label. press this button before printing the next label.
Pause button	Print Mode	Pause	When the printer is printing continuously, pressing the PAUSE button will pause printing. The power indicator flashes blue. Just press the button again and the print job will start again.
Pause button	An error has occurred	Cancel error	When the RED error is illuminated, press the PAUSE button once, the printer will cancel the error and resume the printing function, and reprint the label layout when an error occurs.

Power On Tools

This printer has six power-on functions for setting up or testing the printer's hardware. Press these buttons simultaneously when the power is turned on and release the light signal buttons to activate these functions.

Event	Description	LED Status	Sound
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Self-test	Turn off the power to the printer. Make sure the printer is loaded with paper and the lid is closed. Press the FEED button and turn on the printer. Hold down the button until the blue online light comes on. After the beep, the self-test page will be printed.		
Entering a USB storage device	Turn off the power to the printer. Make sure the printer is loaded with paper and the lid is closed. Press the PAUSE button and turn on the printer. Hold down the button until the blue online light up. After the beep, the printer's storage device will appear on the computer		
Paper Jam Mode	Turning off the power to the printerMake sure that paper is loaded into the printer and close the printer cover Press and hold the PAUSE and FEED buttons at the same time for two seconds, then turn on the power to the printer. When the Blue and error Red online buttons are lit at the same time,		

	release the PAUSE and FEED buttons, when you hear a beep, the printer will enter dump mode and print "NOW IN DUMP MODE".		
CAR. BAS	Turning off the power to the printerPress and hold the PAUSE and FEED buttons at the same time for four seconds and turn on the power to the printer until the Blue power LED turns off and the Red error LED lights up, release the PAUSE and FEED buttons, you will hear two beeps. During this time, the printer will skip the AUTO program. BAS, and then the power light will come on.		
Druakrka Installation	Turning off the printer's powerPress and hold the PAUSE and FEED buttons at the same time for six seconds and turn on the power to the printer until the printer's blue online indicator lights up and the red error indicator turns off, release the PAUSE and FEED buttons, you will hear five beeps. During this time, the printer will restore the printer		

	parameters to factory default settings		
Belt inspection	The machine will automatically detect the ribbon status when it is turned on and in each thermal transfer printing mode and in each thermal transfer printing mode.		