

# User Manual

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203 dpi thermal transfer  
printer

**OPrint-DA200R**

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## Specifications:

- **Warranty:** 1 year
- **Material:** ABS plastic
- **Printing Method:** Thermal & Thermal Transfer
- **Resolution:** 203 dpi
- **Maximum Print Speed:** 203mm/s
- **Maximum Print Width:** 104mm
- **Maximum Print Length:** 15,000mm
- **CPU:** 500 MHZ, 32 bits, COTEXT-M7
- **RFID Technology:** Support for UHF EPC Class1 Gen2 / ISO18000-6C Tags
- **CPU:** 400MHZ, 32-bit, ARM9
- **RFID Features:** Encoding and Printing Simultaneously, Support Anti-Metal Labels (Up to 1.3mm)
- **Memory:** 8 MB SDRAM / 16 MB Flash
- **Interface:** USB 2.0 (for PC connection)
- **Command languages:** TSPL, ZPL, ZPL II
- **Maximum ribbon length:** 300 m
- **Ribbon length:** maximum 300 m
- **Ribbon Width:** 30mm~110mm
- **Label Roll Width:** 20mm~118mm
- **Roll Thickness:** 0.06~1.3mm
- **Roll Diameter:** 25.4 mm (1")
- **Label Roll Capacity:** 25.4 mm
- **Label Roll Capacity:** 127 mm (5")
- **Dimensions of the device:** 19 x 19.8 x 28 cm
- **Package dimensions:** 39.5 x 25.5 x 24 cm
- **Device weight:** 2.7 kg
- **Weight with packaging:** 3.2 kg
- **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, Data Matrix

## Kit contents:

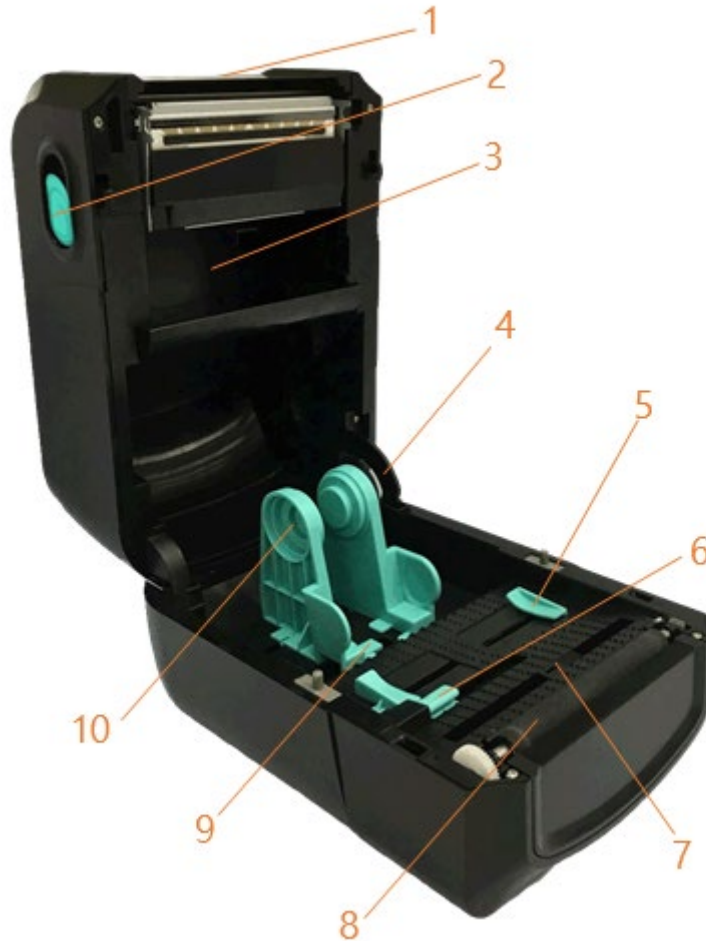
- Label printer,
- Freestanding Outdoor Label Feeder
- USB cable,
- power cord,
- 2 x Roller Spindle,
- test roll.

## Printer Overview:



1. ONLINE Indicator

2. ERROR indicator
3. RIBBON indicator
4. Communication Indicator
5. FEED / PAUSE / ERROR CANCEL button



1. Printer Top Cover
2. Top cover opening tab
3. Space for a new tape
4. Top cover bracket
5. Media Guide
6. Gap sensor
7. Black Mark Sensor

8. Pressure roller

9. Storage compartment for media holder

10. Fixing tabs



**USB:**

It allows you to connect to your computer to install drivers or debug your printer.

External media input:

Supports feeding large rolls of media from outside the printer.

(Requires an external stand. Keep the media roll level with the printer during use; It should not be put crookedly.)

LED indicators:



Event	Description
Thermal transfer mode ready	Blue (ONLINE) and green (RIBBON) are solid on, the device is ready for use.
Thermal mode ready	Blue (ONLINE) is solid and the appliance is ready for use.
Open lid	When the lid is open, a beep sounds and the following flashes: blue (ONLINE), red (ERROR) and green (RIBBON).
Pause	Press the PAUSE button. When blue (ONLINE) flashes, the printer is paused.
FEED	Press the FEED button to print as required. Blue (ONLINE) will flash.

Paperless	When the paper runs out, a beep sounds and the red LED (ERROR) flashes.
No ribbon	When the tape runs out, a beep will sound and the red LED (ERROR) is solid and the green LED (RIBBON) flashes.
Label gap/black mark error	When a gap/black label cannot be found, a beep sounds and red (ERROR), blue (ONLINE) flashes.
Cutting error	If the device cannot be found, a beep will sound and blue (ONLINE), red (ERROR) will flash alternately. Green (RIBBON) as well.
Overheated print head	When the print head is overheated, a beep sounds and blue (ONLINE) and red (ERROR) flash alternately.
Other errors	If other errors occur, a beep will be emitted, and red (ERROR) and green (RIBBON) will flash alternately.
Ethernet ready	When the RJ45 network cable is connected and the connection is correct, the orange (COMM) flashes.
WIFI ready	When the WIFI is connected in AP or STA mode, the orange (COMM) lights up permanently.
Ethernet + WIFI ready	When the RJ45 network cable is connected and the connection is correct and the WIFI device is in AP or STA mode, the orange indicator (COMM) will be solid for 2 seconds and then flash.

## Button Functions:

This printer has one button for feed, pause, or cancel errors.

There are different functions in different modes, as shown in the table below:





<b>Button</b>	<b>Printer Status</b>	<b>Feature</b>	<b>Description</b>
Feed button	Ready	Feed	When the printer is ready (the blue LED is on), press this button and the label will move to the front of the next label.
Feed button	Wait, print button	Continue printing	When the Demand button function is enabled, the printer will stop after printing and wait for the user to press this button before printing the next label.
Feed button	Print Mode	Pause	When the printer is printing continuously, pressing the (PAUSE) button will pause printing. The power indicator will flash blue. Just press the button again and the print job will return to normal.
Feed button	An error has occurred	Cancel error	When the RED error is illuminated, press the (PAUSE) button once,

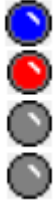





			the printer will cancel the error and resume the printing function, and reprint the label layout when the error occurred.
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## Power On Tools:

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 button to enable these functions.

Follow these steps to enable the boot feature:

Event	Description	Light state	Sound
Self-test	Turning off the power to the printer. Make sure that paper is loaded into the printer and close the printer cover. Press and hold the FEED button, and then turn on the power to the printer. When the green tape lights up on its own, release the button. During this time, when the printer is turned on, the self-test page will be printed.		
Enter the USB Storage Device Function	Turning off the power to the printer. Make sure that paper is loaded into the printer and close the printer cover. Press and hold the FEED button and		

	turn on the power to the printer. When the COMM indicator (orange) is solid, release the button. At this time, the printer's storage device will appear on your computer.		
Entering the Trash Disposal Mode	Turning off the power to the printer. Make sure that paper is loaded into the printer and close the printer cover. Press and hold the FEED button, and then turn on the printer. When the ONLINE LED (blue) and the error LED (red) are on at the same time, release the FEED button. When the printer is turned on, a beep sounds and the text "NOW IN DUMP MODE" appears on the printout.		
Skip AUTO. BAS	Turning off the power to the printer. Press and hold the FEED button and turn on the power to the printer. When the RED LED is solid, release the button. During this time, when you turn on the printer, you will hear two beeps, and the printer will skip the AUTO program. BASS.		
Printer Initialization	Turning off the power to the printer. Press and hold the FEED button and turn on the power to the printer. When only the blue ONLINE LED (solid light)		

	<p>appears, release the button. During this time, when you turn on the printer, you will hear five beeps, and the printer will print the parameters. The meter is restored to factory settings.</p>		
<p>Inspection tape</p>	<p>The machine will automatically detect the status of the ribbon when it is turned on and in each thermal transfer printing mode.</p>		