

Quick Installation Guide

1. Printer Installation

Arrange this printer on a reliable flat surface and make sure the power switch is off.

1. Connect the printer to a computer mainframe with a provided Centronics, RS-232C or USB cable.
2. Plug a power cord into a power jack connector at the rear of the printer, and then plug the power cord into a properly grounded receptacle (refer to figure 2).

Figure 1



Feed Button
Top Cover Open Lever
Power LED

Figure 2

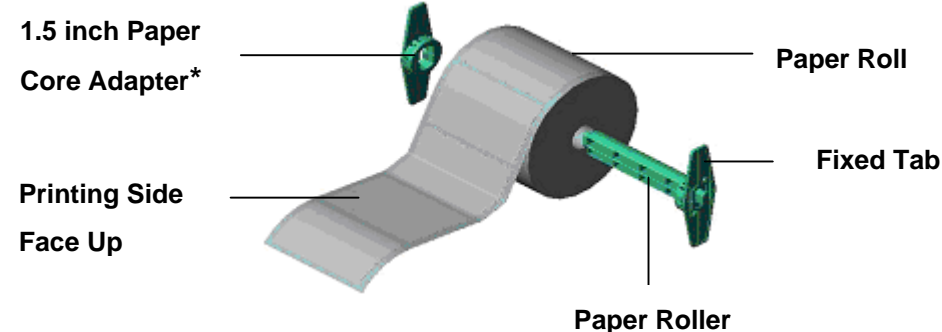


USB
Centronics
RS-232
Power Jack
Power Switch
Rear Paper Guide

2. Loading the Label

1. Insert a paper roller into a paper roll. (* If your paper core is 1 inch, remove the 1.5 inch paper core adapter from the fixed tab) (refer to figure 3).

Figure 3

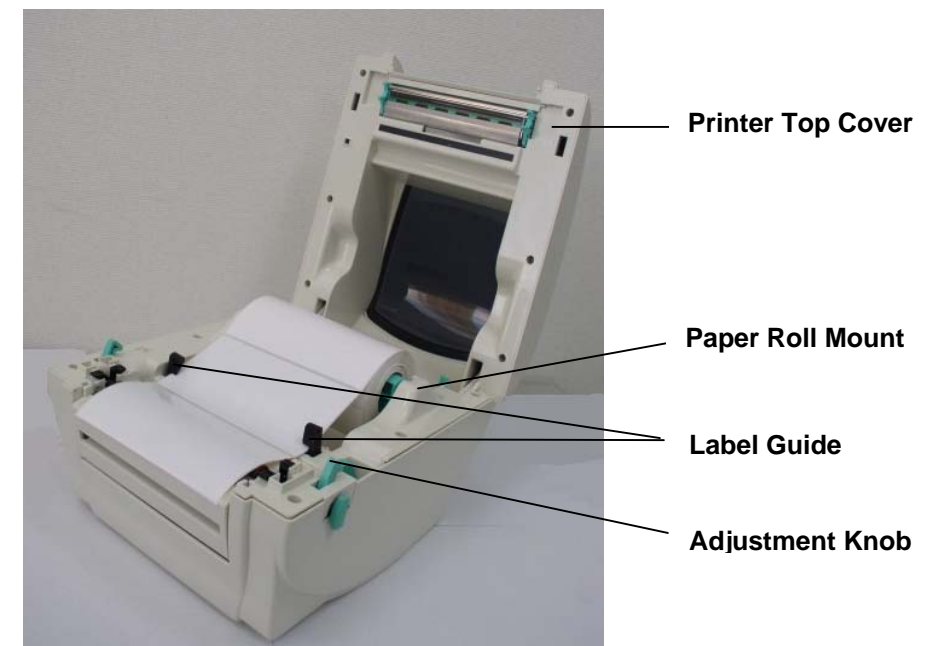


1.5 inch Paper Core Adapter*
Printing Side Face Up
Paper Roll
Fixed Tab
Paper Roller

2. Open the printer top cover by pushing forward the top cover open levers.
3. Orient a roll of paper on the paper roll mount (refer to figure 4).
4. Feed the paper, printing side face up, through the label guide and pass over the platen.
5. Adjust the black center-biased **label guides** in or out turning adjustment knob so they are slightly touch the edges of the label backing.
6. Close the printer top cover slowly and make sure the cover locks latch securely.

Note: *failure to securely close and lock the cover will result in poor print quality.*

Figure 4



Printer Top Cover
Paper Roll Mount
Label Guide
Adjustment Knob

3. Button Function

This printer has a single button and LED indicator to control the following functions.

1. Feed labels.

When the printer is ready, press the button to feed one label to the beginning of next label.

2. Pause printing job.

When the printer is printing, press the button to pause a printing job. When the printer is paused the LED is **green** and **blinking**. Press the button again to continue printing.

3. Gap / black mark sensor calibration, self-test and dump mode.

It is activated by the following procedures.

- Turn off printer power.
- Press and hold the button and then turn on the printer power. The LED will become **orange** and **blinking**.
- Release the button, the printer will feed several labels to calibrate the top of form sensor and set the label length followed by a test label consisting of the print head check pattern and internal settings. After the test label prints, the printer is left in its dump mode setting. Dump Mode allows the printer to print all data received by the printer and is used for troubleshooting purposes.
- To exit Dump Mode for normal printing, please turn off/on the printer.

Note: The sensor type (gap or black mark sensor) depends on the sensor setting of last printing

4. Printer initialization.

Printer initialization is used to clear DRAM memory and restore printer settings to factory defaults. It is activated by the following procedures.

- Turn off printer power.
- Press and hold the button then turn on power. The LED will become **orange** and **blink** for 5 times (approximately 5 seconds) then become **green** and **blink** for 5 times.
- Release the button when LED becomes **green** and **blinking** and then the printer will be reset (LED becomes **orange** then **solid green**).

4. Appendix

Printer default settings are listed as below:

| Item | Settings |
|----------------------|---|
| Speed | 127 mm/sec (5 ips) |
| Density | 7 |
| Label Width | 4.25" (108.0 mm) |
| Label Height | 2.5" (63.4 mm) |
| Sensor Type | Gap sensor |
| Gap Setting | 0.12" (3.0 mm) |
| Print Direction | 0 |
| Reference Point | 0,0 (upper left corner) |
| Offset | 0 |
| Tear Mode | On |
| Peel off Mode | Off |
| Cutter Mode | Off |
| Serial Port Settings | 9600 bps, none parity, 8 data bits, 1 stop bit |
| Code Page | 850 |
| Country Code | 001 |
| Clear Flash Memory | No |