# Quick Installation Guide

## Printer overview

**LED Indicator**

**Rear Paper Guide**

**Feed Button**

**USB**

**Power Switch**

**Top Cover Open Lever**

**Centronics**   **RS-232**

**Power Jack**
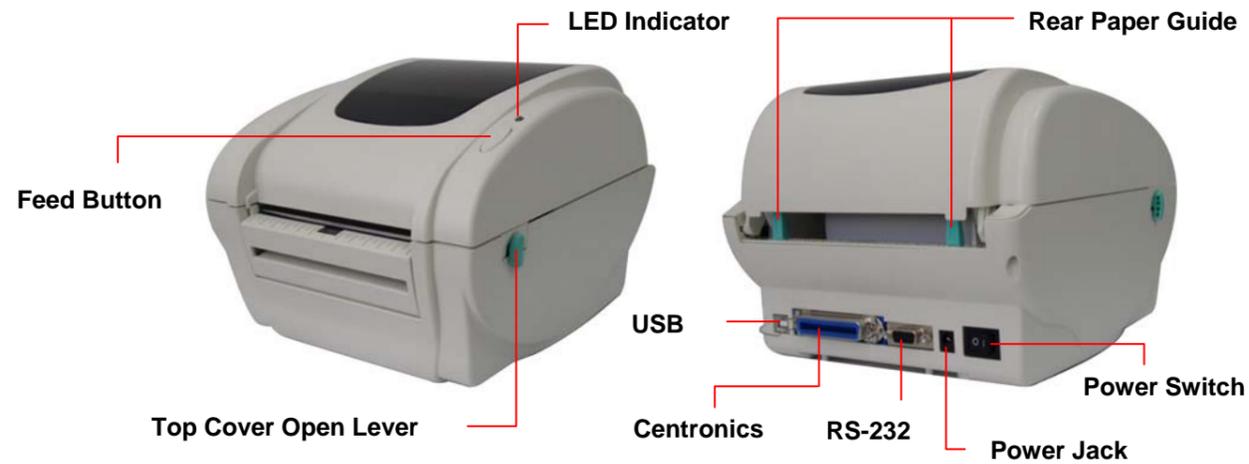
**Note: The interface picture in the quick start guide is for reference only. Please refer to the product specification for the interfaces availability.**

## Printer Installation

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

2. Connect the printer to a computer mainframe with a provided Centronics, RS-232C or USB cable.

3. Plug the power cord into the power jack connector at the rear of the printer, then plug the power cord into a properly grounded outlet.

**Power Jack**

**Plug**

**Note: Please switch OFF printer power switch prior to plug in the power cord to printer power jack.**

**Power Supply**

## Loading the Label

1. Insert a 1" label spindle into a paper roll ( * If your paper core is 1 inch, remove the 1.5" core adapter from the fixed tab).

**1.5" Core Adapter***

**Paper Roll**

**Fixed Tab**

**Printing Side Face Up**

**1" label spindle**

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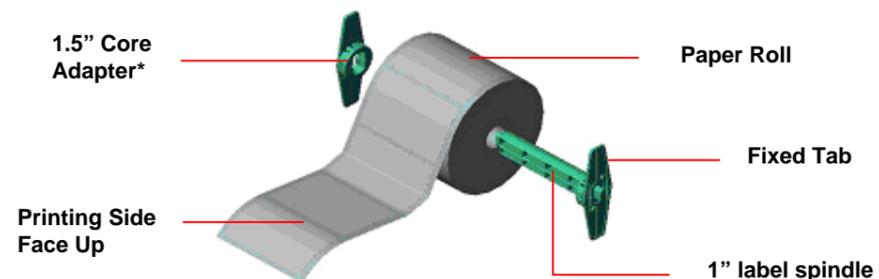
2. Open the printer top cover by pushing forward the top cover open levers.

**Top Cover Open Lever**

3. Orient a roll of paper on the paper roll mount.
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.

**Printer Top Cover**

**Label Guide**

**Paper Roll Mount**

**Adjustment Knob**
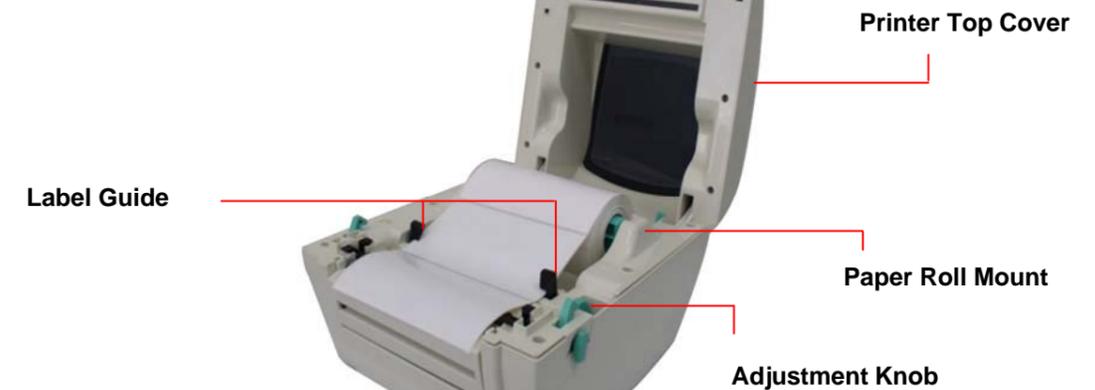
6. Close the printer top cover slowly and make sure the cover locks latch securely.
7. Use the "Diagnostic tool" to set the media sensor type and calibrate the selected sensor. (See "Diagnostic Tool" and "Sensor Calibrate" in the next page)

**Note:**
* **Please calibrate the gap/black mark sensor when changing media.**
* **Failure to securely close and lock the cover will result in poor print quality.**

## Button Functions

**(1) Feed labels**
When the printer is ready, press the button to feed one label to the beginning of next label.

**(2) Pause the printing job**
When the printer is printing, press the button to pause a print job. When the printer is paused the LED will blink green. Press the button again to continue the printing job.

## Diagnostic Tool

The Diagnostic Utility is a toolbox that allows users to explore the printer's settings and status; change printer settings; download graphics, fonts, and firmware; create printer bitmap fonts; and to send additional commands to the printer. Using this convenient tool, you can explore the printer status and settings and troubleshoot the printer.

**Note: This utility works with printer firmware V6.00 and later versions.**

**Start the Diagnostic Tool:**

(1) Double click on the Diagnostic tool icon  to start the software.
(2) There are four features (Printer Configuration, File Manager, Bitmap Font Manager, Command Tool) included in the Diagnostic utility.



Features tab
Interface
Printer functions
Printer setup
Printer Status
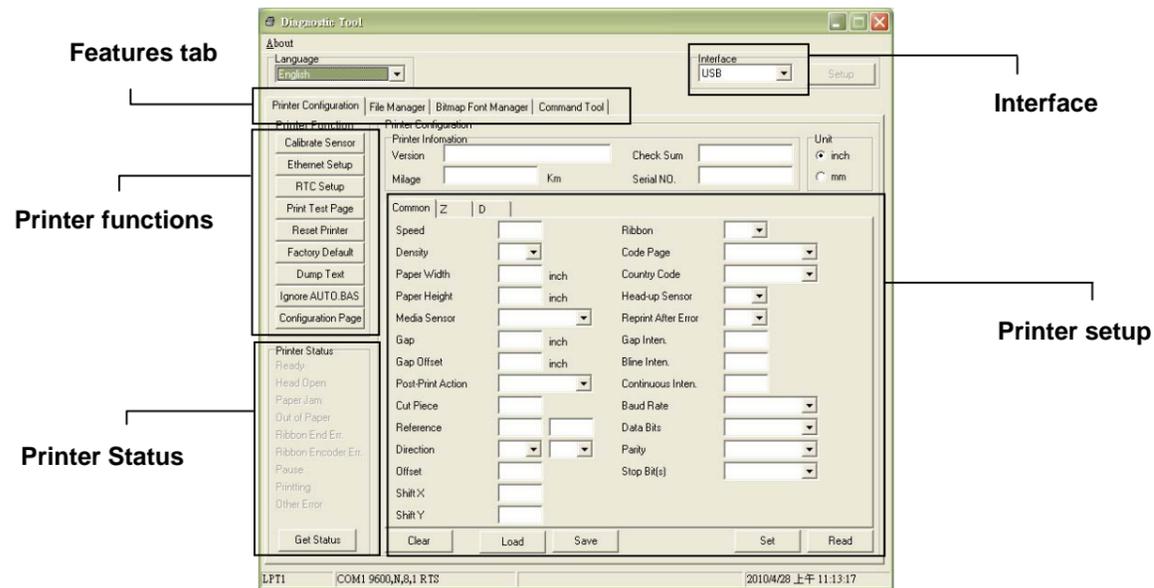
(3) The detail functions in the Printer Function Group are listed as below.

| | Function | Description |
|---|---|---|
| | Calibrate Sensor | Calibrate the sensor specified in the Printer Setup group media sensor field |
| | Ethernet Setup | Setup the IP address, subnet mask, gateway for the on board Ethernet |
| | RTC Time | Synchronize printer Real Time Clock with PC |
| | Print Test Page | Print a test page |
| | Reset Printer | Reboot printer |
| | Factory Default | Initialize the printer and restore the settings to factory default. |
| | Dump Text | To activate the printer dump mode. |
| | Ignore AUTO.BAS | Ignore the downloaded AUTO.BAS program |
| | Configuration Page | Print printer configuration |

## Sensor Calibrate

1. Double click the  icon to start the "Diagnostic tool" software.

2. Select the PC interface connected with bar code printer.
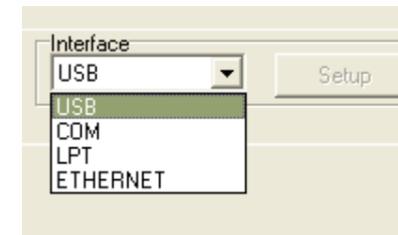
3. Click the "Calibrate Sensor" button to setting.

4. Select the media type (Gap/Black mark/Continue) and calibration type (Auto/Manual) to calibrate the sensor specified in the printer setup group media sensor field. For the general media you only need to select the media type then click the "Calibrate" button.
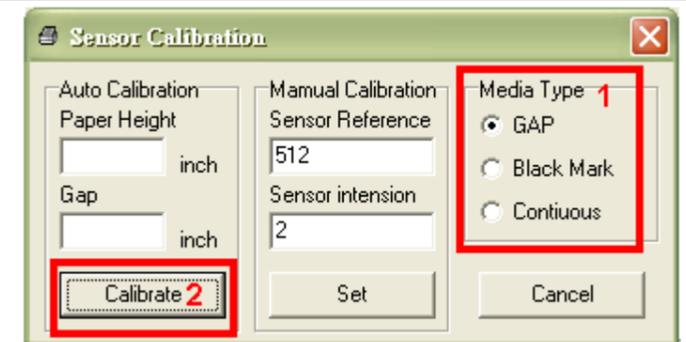
**Note:**

**\* For more information and features about this printer, please refer to the User's Manual inside the CD disk.**

**\* Specifications, accessories, parts and programs are subject to change without notice.**