Quick Installation Guide

Parts name of a printer

Top cover open tab

power switch

feed button LED indicator

Rear external label entrance chute

Centronics interface

USB interface

Ethernet Interface

Power jack socket

RS-232C interface

Micro SD card socket

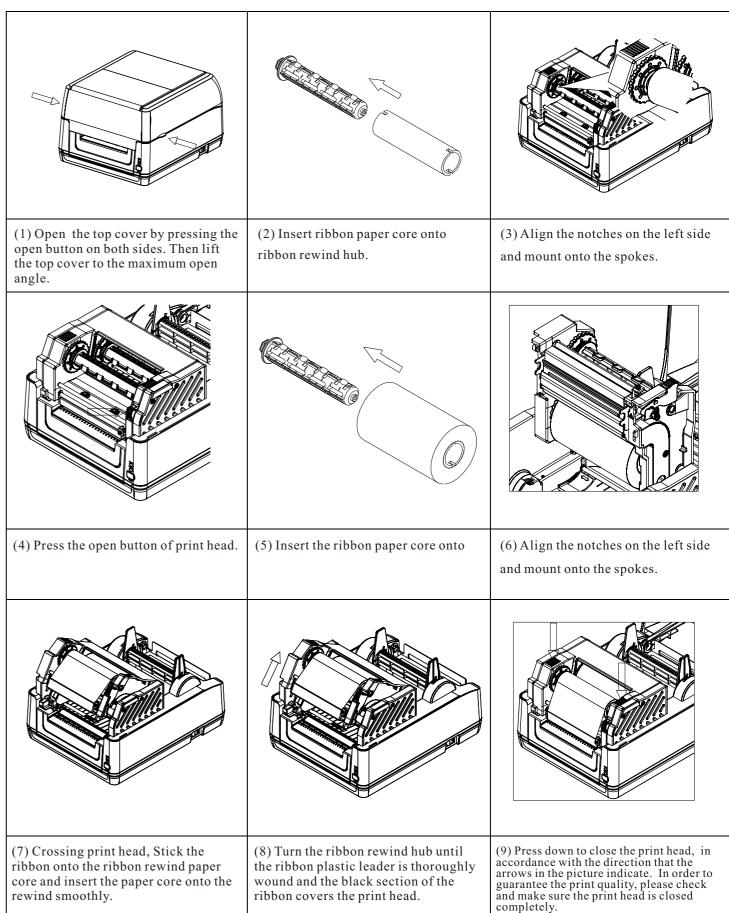**Note:**
The interface picture here is for reference only .Please refer to the product specification for the interfaces availability.

Printer head

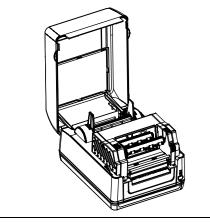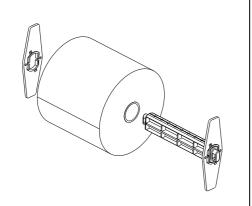Ribbon supply spindle

Ribbon supply gear

Printer top cover

Media holder

Ribbon rewind gear

Ribbon rewind hub

Media stator

Print head release button

Gap sensor

Paper supply hub

Indicator
FEED button

Media guides

Platen roller

Black mark sensor

Ribbon installation

(1) Open the top cover by pressing the open button on both sides. Then lift the top cover to the maximum open angle.

(2) Insert ribbon paper core onto ribbon rewind hub.

(3) Align the notches on the left side and mount onto the spokes.

(4) Press the open button of print head.

(5) Insert the ribbon paper core onto

(6) Align the notches on the left side and mount onto the spokes.

(7) Crossing print head, Stick the ribbon onto the ribbon rewind paper core and insert the paper core onto the rewind smoothly.

(8) Turn the ribbon rewind hub until the ribbon plastic leader is thoroughly wound and the black section of the ribbon covers the print head.

(9) Press down to close the print head, in accordance with the direction that the arrows in the picture indicate. In order to guarantee the print quality, please check and make sure the print head is closed completely.
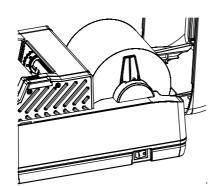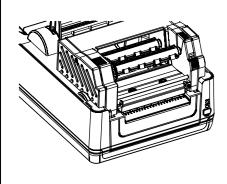
Paper installation

(1)Open the printer top cover by pressing the top cover open tabs located on each side of the printer.
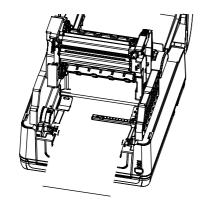
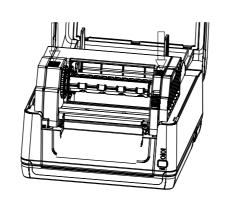(2) put the paper roll into the middle of the label spindle and fix it.

(3) Place the paper roll onto the paper roll mount. (If your paper width is 4 inch,Can be removed from the fixed piece, direct paper scroll .)

(4) Push the print head release button to open the print head mechanism.

(5)Feed the paper printing side face up, through the media bar,media sensor and place the label leading edge onto the platen roller. Move the media guides to fit the label width.
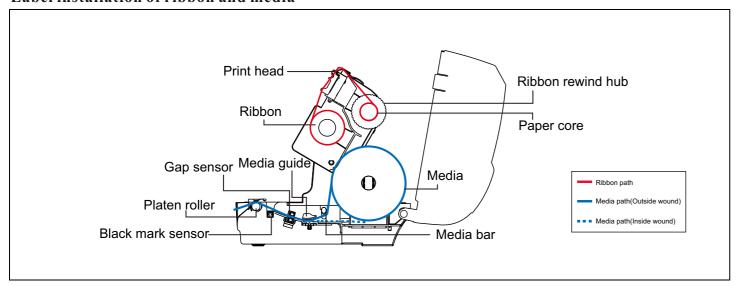
(6)Close the print head mechanism by both hands and make sure the latches are engaded securely.

(7)Use ″Diagnostic Tool″ to set the media sensor type and calibrate the selected sensor.(Start the ″Diagnostic Tool″ → Select the "Printer configuration"tab →Click the "Calibrate Sensor"button) please refer to the diagnostic utility quick start guide for more information.

Note: Please calibrate the gap/black mark sensor when changing the media.

Label installation of ribbon and media

Print head
Ribbon
Ribbon rewind hub
Paper core
Gap sensor Media guide
Media
Platen roller
Black mark sensor
Media bar

Ribbon path
Media path(Outside wound)
Media path(Inside wound)

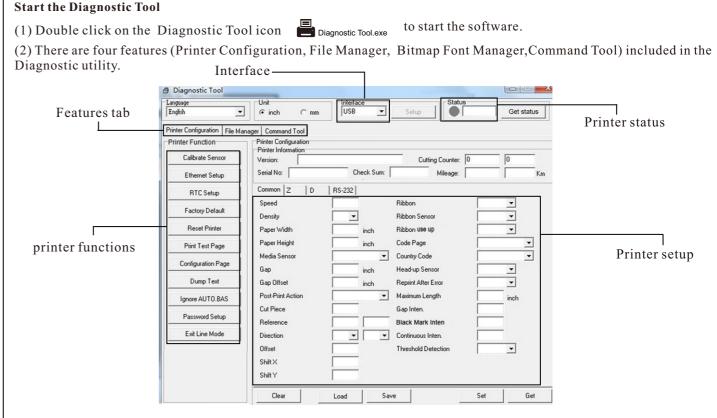## Button functions

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

(2)Pause the printing job
When the printer is printing, press the button to pause a print job, when the printer is pause the Led will be green blinking, Press the button again to continue the printing job.

Printer diagnostic tool

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

Start the Diagnostic Tool

(1) Double click on the Diagnostic Tool icon [Diagnostic Tool.exe] to start the software.

(2) There are four features (Printer Configuration, File Manager, Bitmap Font Manager,Command Tool) included in the Diagnostic utility.

Interface
Features tab
Printer status
printer functions
Printer setup

(3) The detail function 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 Setup	Synchronize printer Real Time Clock with PC
Factory Default	Initialize the printer and restore the settings to factory default
Reset Printer	Reboot the printer
Print Test Page	Print a test page
Configuration Page	Print printer configuration
Dump Text	To activate the printer dump mode
Ignore AUTO. BAS	Ignore the downloaed AUTO. BAS program
Password Setup	Set Diag Tool password
Exit Line Mode	Leave Line mode

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

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