WPL618 Quick Start Guide
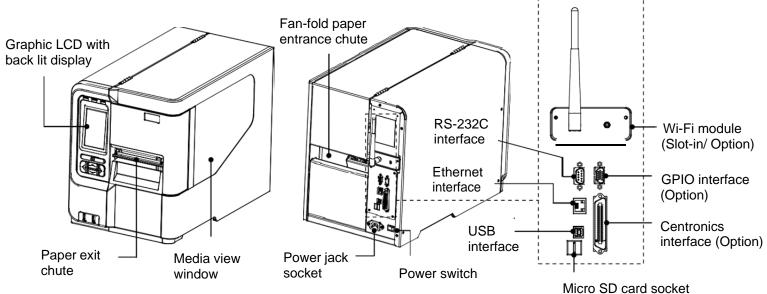
Wasp BARCODE TECHNOLOGIES

Printer Overview

- Graphic LCD with back lit display
- Fan-fold paper entrance chute
- RS-232C interface
- Ethernet interface
- Wi-Fi module (Slot-in/ Option)
- GPIO interface (Option)
- USB interface
- Centronics interface (Option)
- Paper exit chute
- Media view window
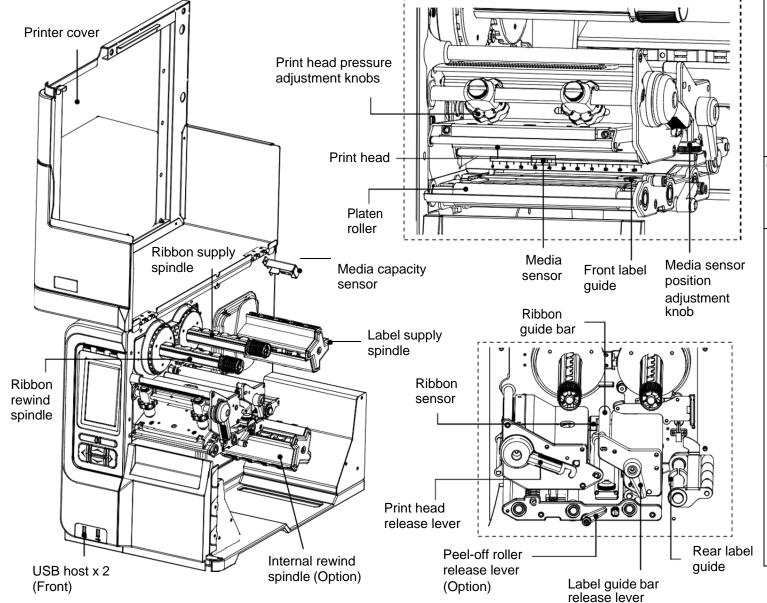- Power jack socket
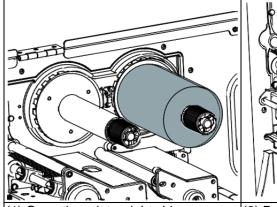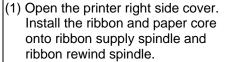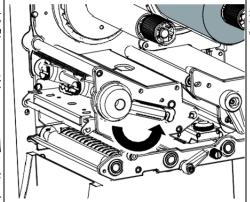- Power switch
- Micro SD card socket

Note:

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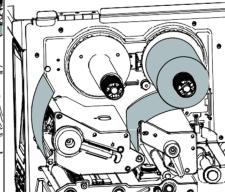

- Printer cover
- Print head pressure adjustment knobs
- Print head
- Platen roller
- Media capacity sensor
- Ribbon supply spindle
- Media sensor
- Front label guide
- Media sensor position adjustment knob
- Ribbon guide bar
- Label supply spindle
- Ribbon sensor
- Ribbon rewind spindle
- Print head release lever
- Peel-off roller release lever (Option)
- Label guide bar release lever
- Rear label guide
- USB host x 2 (Front)
- Internal rewind spindle (Option)

Loading the Ribbon

(1) Open the printer right side cover. Install the ribbon and paper core onto ribbon supply spindle and ribbon rewind spindle.
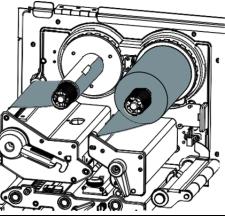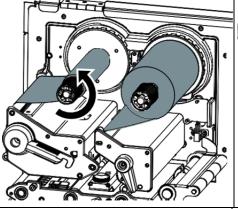
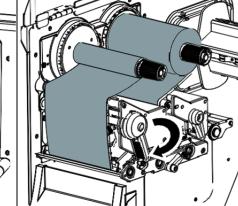(2) Push print head release lever to open print head mechanism.

(3) Thread ribbon above the ribbon guide bar and through ribbon sensor slot. (Please refer to "Loading path for ribbon" as following fig.)

(4) Stick ribbon onto ribbon rewind paper core, keeping the ribbon flat and wrinkle-free.
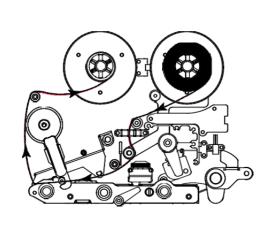
(5) Wind the ribbon rewind spindle counterclockwise roughly 3~5 circles until ribbon is smooth, properly stretched and wrinkle-free.
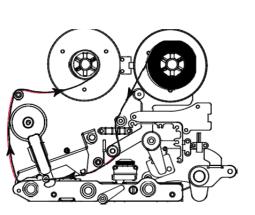
(6) Close the print head mechanism by pushing the print head release lever.
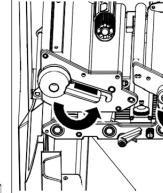
* Loading path for ribbon
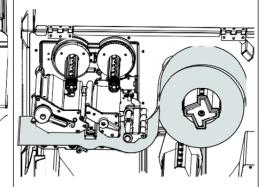
Ink coated outside wound

Ink coated inside wound
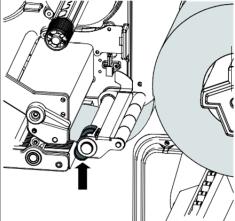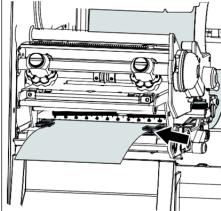
Loading the Media

(1) Open the printer right side cover. Place the roll of media on the label supply spindle.
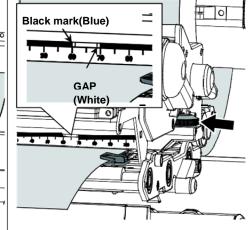**Note: For 1"~2.5" width media, please install label roll guard on the supply spindle to fix media.**

(2) Push open the print head release lever and label guide bar release lever for loading media.

(3) Pull the leading edge of the label forward through the media guide bar pass media sensor, and place the leading edge onto the platen roller.
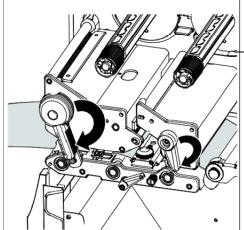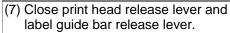
Black mark(Blue)

GAP (White)

(4) Adjust the rear label guide (green) to fit the label width.
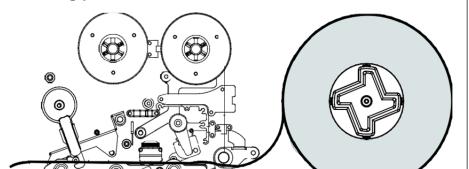
(5) Adjust the front label guide (green) to fit the label width.

(6) Move the media sensor by adjusting the media sensor position adjustment knob, make sure the gap or black mark sensor is at the location where media gap/black mark will pass through for sensing.

* Loading path for media

(7) Close print head release lever and label guide bar release lever.

(8) Set media sensor type and calibrate the selected sensor. (Please refer to the "Media Sensor Calibration" on facing page to calibrate the sensor.)
Note: Re-calibrate the gap/black-mark sensors when changing media.

Control Panel

LED	Status	Indication
⏻ POWER	Off	Printer power off
	On	Printer power on
⊘ ON-LINE	On	Printer is ready
	Blinking	Printer is paused
		Printer is downloading data
⊘ ERROR	Off	Printer is ready
	On	Carriage open or cutter error
	Blinking	No paper, paper jam or no ribbon

Key	Function
Soft keys	The labels on the footer of the UI will explain the function for left and right soft key. Check the labels on the footer of the UI screen. The meaning of the soft keys will vary.
Navigational keys	Used to select icons, menu selection, and navigation in the UI.

Media Sensor Calibration

The media sensor should be calibrated whenever changing the label media or after printer initialization. Please follow the steps below to calibrate the media sensor.

1. Make sure the ribbon and label media are installed properly as described above.

2. Tap the ⊕ (Calibration) icon to enter this option.

3. Tap the media type to calibrate the selected media sensor automatically.

Printer Initialization

Printer initialization will restore printer settings to defaults. Please follow the steps below to initialize the printer.

1. Tap the ☰ (Menu) icon to enter the main menu.

2. Tap the (Advanced) icon to enter this setting list and tap the "Initialization" item.

3. Tap "Yes" item to restore printer settings to defaults.

Printer Self-test

Self-test printout is used to check if there is any heater element damaged on the print head and shows current printer configurations. Please follow the steps as below to perform printer self-test.

1. Make sure the media has been loaded properly as described above.

2. Tap the ☰ (Menu) icon to enter the main menu.

3. Tap the (Diagnostic) icon to enter this setting list and tap the "Print Config." item to print out the self-test page.

* For more information and features about this printer, please refer to the user's manual on the CD disk.
* Specifications, accessories, parts and programs are subject to change without notice.