WPL612 Quick Start Guide

Graphic LCD with backlight display
Fan-fold paper entrance chute
USB interface
RS-232C interface
Centronics interface
Power jack socket
Power switch
SD card socket (Option for economy model)
Ethernet interface (Option for economy model)
USB host interface (Option for economy model)
GPIO interface (Option)
PS/2 interface (Option for economy model)

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

Lower front cover
Media view window
Print head pressure adjustment knobs
Print head
Platen
Media guide bar
Label guard
Label roll supply spindle
Ribbon supply spindle
Internal rewind spindle (Option)
Ribbon release button
3” Label supply spindle
Ribbon sensor
Label guide
Print head release lever
Media sensor
Media sensor lock lever
Damper
Printer right side cover
Internal rewind spindle (Option)
**Loading the Ribbon**

1. Open the printer right side cover. Push the print head release lever to open the print head mechanism.

2. Install the ribbon onto the ribbon supply spindle. Thread the ribbon through the ribbon sensor slot and then through the open space in between print head and platen.

3. Wrap the ribbon onto the ribbon rewind spindle. Keeping the ribbon flat and without wrinkles.

4. Wind the ribbon clockwise about 3~5 circles onto the ribbon rewind spindle until it is smooth and properly stretched.

5. Close the print head mechanism by pushing the both sides of print head mechanism. Make sure the latches are engaged securely.

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**Remove Used Ribbon**

1. Break the ribbon between ribbon guide plate and the ribbon rewind spindle.

2. Push the ribbon release button to release the ribbon on the ribbon rewind spindle.

3. Then, slide off the ribbon from ribbon rewind spindle.
Loading the Media

(1) Move the label roll guard horizontally to the end of label spindle then flip down the label roll guard.

(2) Place the roll of media on the label supply spindle. Flip up the label roll guard. Move the label roll guard horizontally to gently fit the width of label roll.

(3) Pull label roll leading edge forward through the media guide bar, damper, media sensor and place the label leading edge onto the platen roller.

(4) Adjust the label guide to fit the width of the label.

(5) Unlock the media sensor lock lever to adjust the media sensor position and lock the media sensor lock lever. (See note below)

(6) Close the print head mechanism by pushing the both sides of print head mechanism. Make sure the latches are engaged securely.

* Loading path for media

(7) Using the front display panel, set the media sensor type and calibrate the selected sensor. (See “Media Sensor Calibration” in the box on the right side of this page)

Note: Re-calibrate the gap/black-mark sensors when changing media. The sensor location is marked by a triangle mark □ at the sensor housing. Please make sure the gap or black mark is at the location where media gap/black mark will pass through for sensing.

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

<table>
<thead>
<tr>
<th>LED</th>
<th>Status</th>
<th>Indication</th>
<th>Keys</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWER</td>
<td>Off</td>
<td>The printer power is turned off</td>
<td>MENU</td>
<td>1. Enter the menu</td>
</tr>
<tr>
<td></td>
<td>On</td>
<td>The printer power is turned on</td>
<td></td>
<td>2. Exit from a menu or cancel a setting and return to the previous menu</td>
</tr>
<tr>
<td>ON-LINE</td>
<td>On</td>
<td>Printer is ready</td>
<td>PAUSE</td>
<td>Pause/Resume the printing process</td>
</tr>
<tr>
<td></td>
<td>Blinking</td>
<td>Downloading data into printer</td>
<td>FEED</td>
<td>Advance one label</td>
</tr>
<tr>
<td>ERROR</td>
<td>Off</td>
<td>Printer is ready</td>
<td>UP</td>
<td>Scroll up the menu list</td>
</tr>
<tr>
<td></td>
<td>Blinking</td>
<td>&quot;CARRIAGE OPEN&quot; or &quot;CUTTER ERROR &quot;</td>
<td>DOWN</td>
<td>Scroll down the menu list</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&quot;NO PAPER&quot;, &quot;PAPER JAM&quot; or &quot;NO RIBBON&quot;</td>
<td>SELECT</td>
<td>Enter/Select cursor located option</td>
</tr>
</tbody>
</table>

Media Sensor Calibration

This utility is used to calibrate the sensitivity of the media sensor. 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.

Method 1:
1. Make sure the ribbon and label media are installed properly as described above.
2. Press the MENU button to enter the main menu.
3. Press UP and DOWN buttons to select the "Setup" option and press SELECT button to enter this option. And enter the "Sensor" option.
4. When enter this option, the sensor type in the right side of ">" icon is the current sensor setting. Press the UP and DOWN to select the sensor type, and press the SELECT button to calibrate the media sensor.

Method 2:
1. Make sure the ribbon and label media are installed properly as described above.
2. Turn off the printer power.
3. Hold down the PAUSE button and turn on the printer power.
4. Do not release the buttons until printer LCD shows "Calibrating...".

Printer Initialization

Printer Initialization will restore printer settings to defaults.

Please follow the steps below to initialize the printer.

Method 1:
1. Press the MENU button to enter the main menu.
2. Press UP and DOWN buttons to select the "Service" option and press SELECT button to enter this option.
3. And press UP and DOWN buttons to scroll the cursor to "Initialization" option and press SELECT button to restore printer settings to defaults.

Method 2:
1. Turn off the printer power.
2. Press and hold PAUSE and FEED button at the same time then turns on the printer’s power.
3. Do not release the buttons until printer LCD shows "Initializing..."

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. Install the ribbon and the label media.
2. Press the MENU button to enter the main menu.
3. Press UP and DOWN buttons to scroll the cursor to the "Diagnostics" option and press SELECT button to enter this option.
4. And press UP and DOWN buttons to scroll the cursor to the "Print Config." option and press SELECT button to execute this option.

Note: The 4" wide media is required for printing the printer configurations.