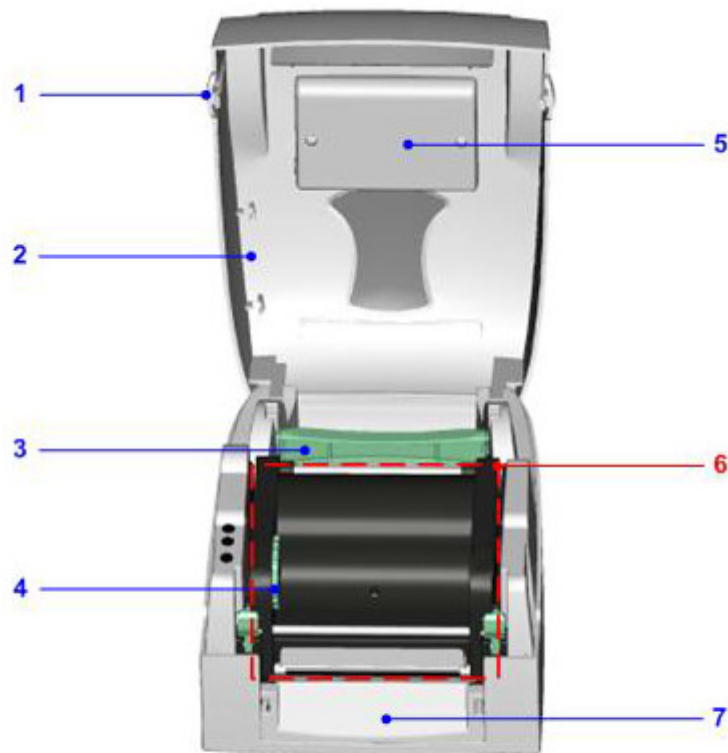




EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

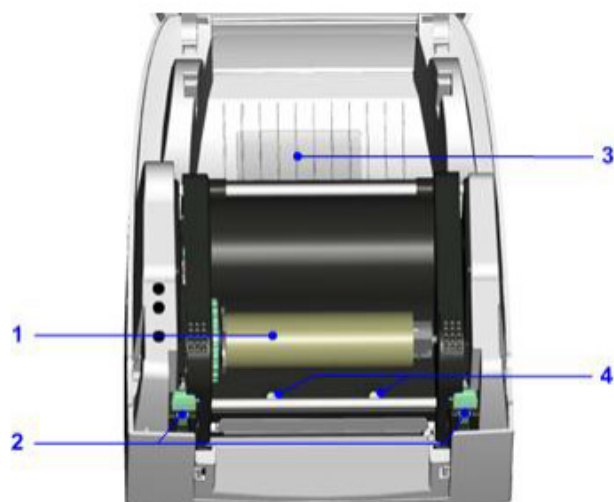


1.	Release buttons for opening the printer cover
2.	Printer cover
3.	Label supply hub
4.	Ribbon feed mechanism
5.	LCD module cover
6.	Print mechanism
7.	Front cover

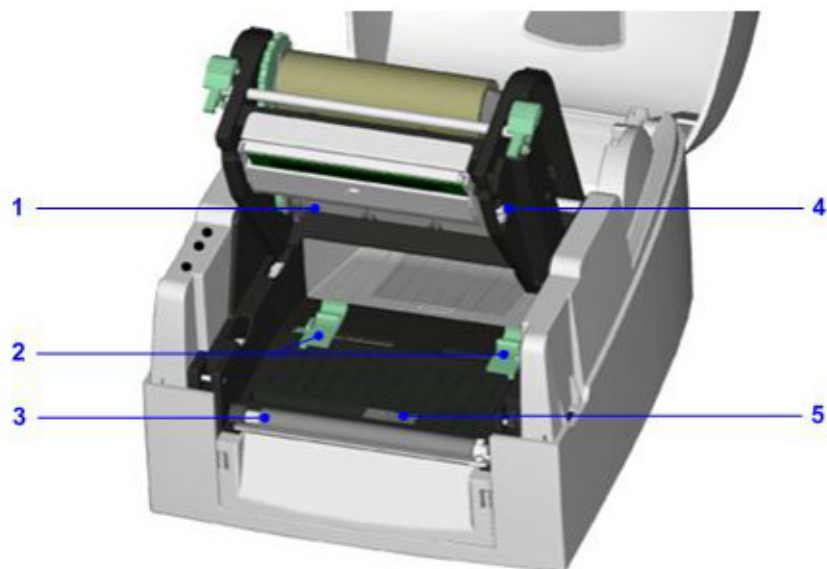


EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL



1.	Ribbon feed mechanism and empty ribbon core
2.	Release catches (left/right)
3.	CF card slot cover
4.	Screws for adjusting the print head pressure (left/right)



1.	Ribbon supply hub
2.	Label guides
3.	Paper feed roller
4.	Screw for adjusting the print line
5.	Label sensor (movable)



EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL



1.	LCD operator panel
2.	Feed slot for continuous labels
3.	PS/2 / WLAN antenna interface (optional)*
4.	On/off switch
5.	Ethernet port
6.	USB port
7.	Parallel port
8.	Serial port (RS-232)
9.	Power jack



EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

### 2. Printer setup

This printer supports the following printing methods:

Thermal transfer printing (TTP)	Requires a ribbon for transferring a printed image to a medium.
Direct thermal printing (DTP)	Does not require a ribbon, only thermal paper.

Please check which printing method you are using and alter the settings accordingly in the printer driver, printer menu, and/or software.

#### 2-1. Loading the ribbon

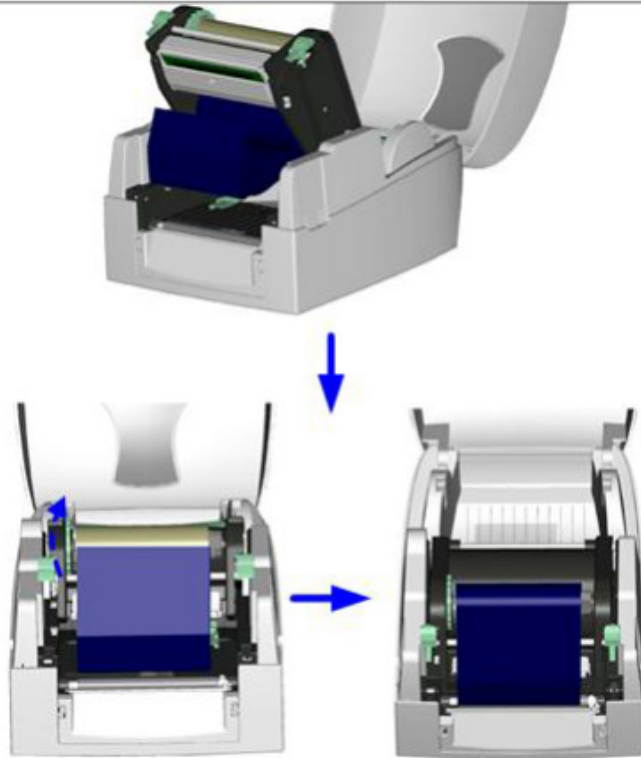
1. Place the printer on a flat surface. Open the printer cover by pressing the release buttons on both sides of the printer housing and lift the cover.	
2. Release and lift the print mechanism.	
3. Remove the ribbon hub at the back.	
4. Place the ribbon on the hub at the back and replace the ribbon hub.	



EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

5. Pass the ribbon under the print head.
6. Wind the ribbon onto the rewind core, attaching it with the adhesive strip at the end of the ribbon. Wind the ribbon 2-3 times around the core.



7. Close the print mechanism, making sure that it clicks into place.





EZPi-1200 SMP, EZPi-1300 SMP


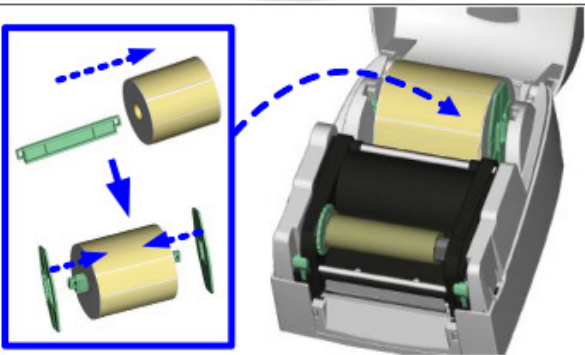
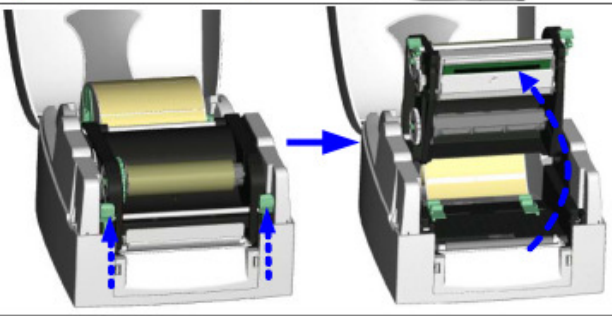
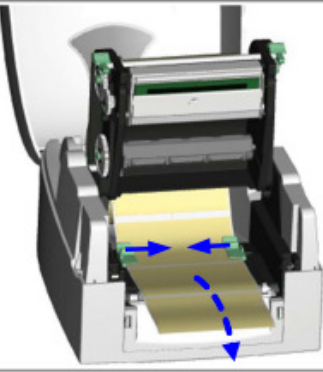
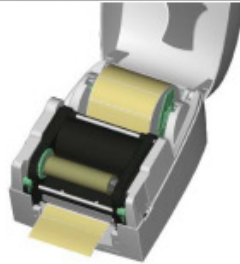
USER MANUAL



EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

### 2-2. Loading the label roll

<p>1. Open the printer cover.</p>	
<p>2. Place the label roll on the label supply hub. 3. Attach the guide plates to the label roll holder. 4. Now load the label roll into the printer.</p>	
<p>5. Release the print mechanism and lift it.</p>	
<p>6. Pass the labels through the paper guides up to the tear-off plate. 7. Adjust the paper guides to the label width.</p>	
<p>8. Close the print mechanism.</p>	

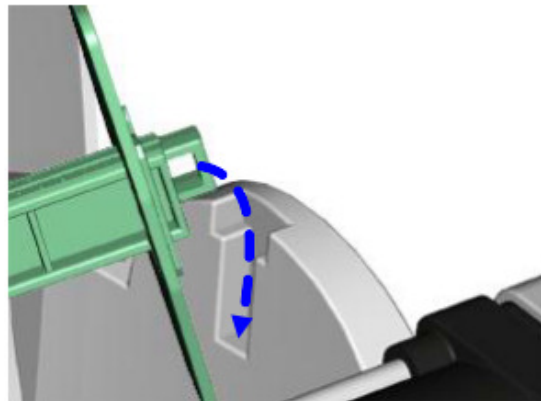
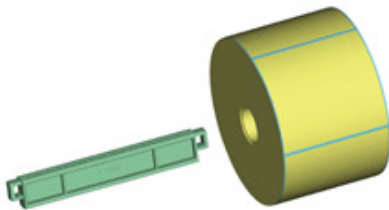


EZPi-1200 SMP, EZPi-1300 SMP

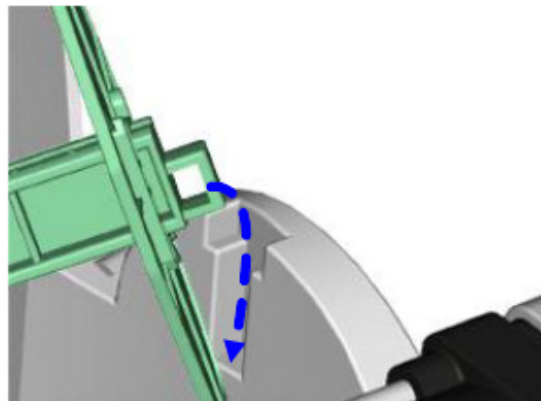
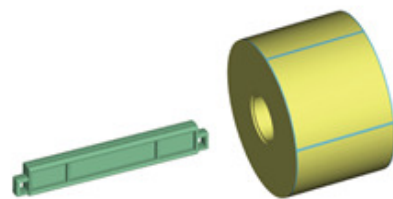
## USER MANUAL

### 2-3. Installing the label supply hub

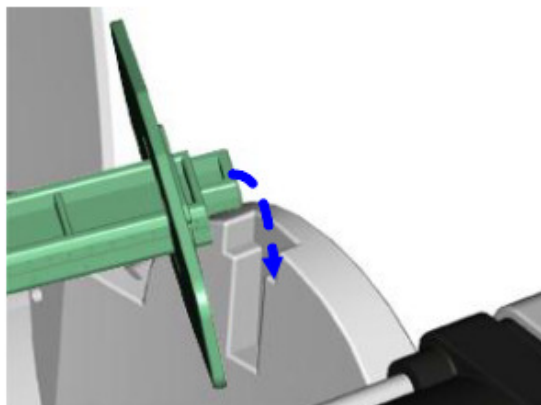
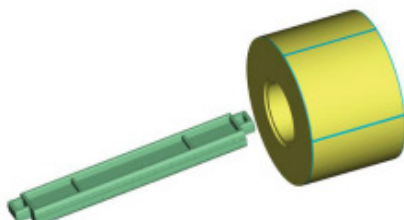
(A) Installing the label supply hub for  
1" cores



(B) Installing the label supply hub for  
1.5" cores



(C) Installing the label supply hub for  
3" cores





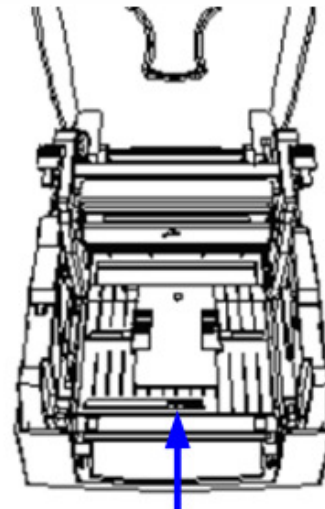
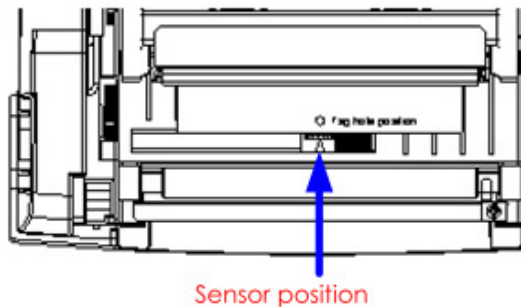


EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

### 2-4. Preparing for tag printing

In tag printing, the tag hole indicates the height of a label. During adjustment, the sensor must therefore be positioned directly below the tag hole as shown in the illustration. The tag hole should be at least 3 mm in diameter to ensure correct functioning.



### 2-5. Connecting the printer to the host computer

1. Please make sure that the printer is switched off.
2. Connect the power cord to the AC adapter and connect the adapter to the printer.
3. Connect the USB / parallel cable to the printer and host computer.
4. Switch on the printer. The operator panel should now light up.





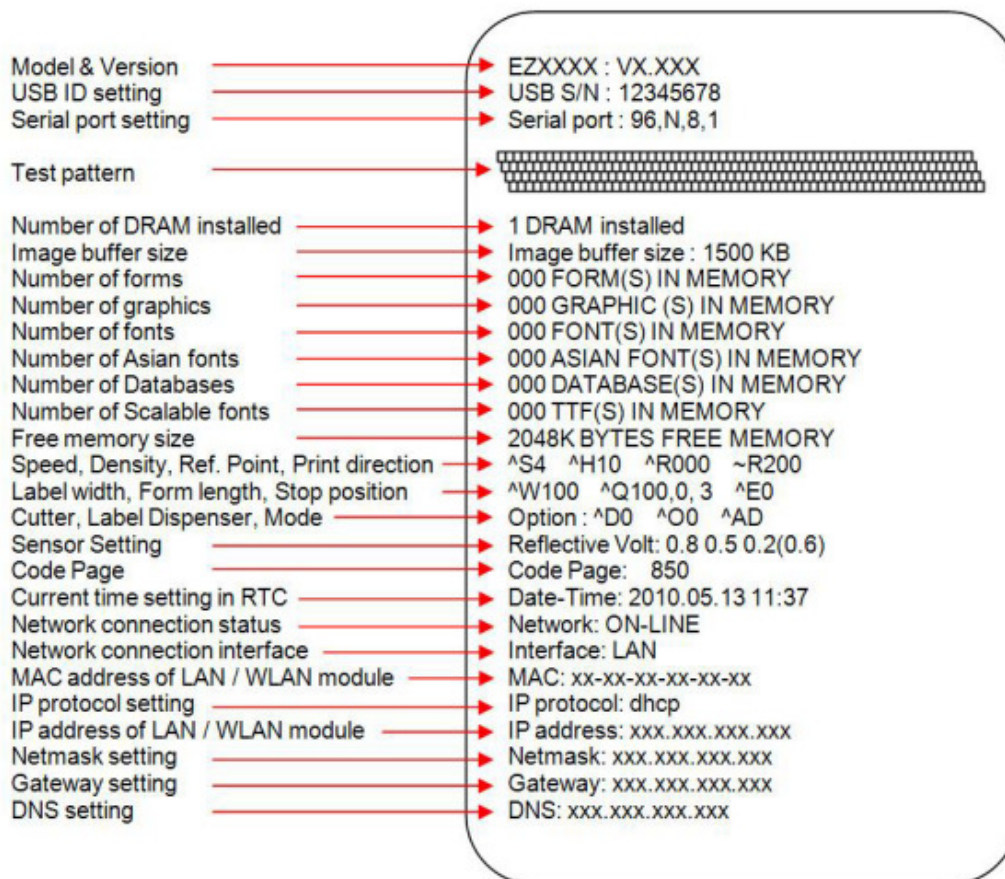
EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

### 3-4. Self test

The self-test function lets you check whether the printer is functioning normally.  
Here is how you run a self test:

1. Switch off the printer.
2. Switch on the printer, keeping the FEED button pressed until you hear 3 beeps and the message "Self test" is shown on the display.
3. After about one second, the printer will automatically print out the list below. That means the printer is functioning normally.



\* The contents of Self test label may vary depend on the setting of printer.



EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

### 3-5. Dump mode

If the label settings do not match the printer output, you should switch the printer to dump mode to check whether an error has occurred during the transfer between printer and host computer. In dump mode, the unprocessed raw data are sent to the printer and printed. This shows you quickly whether any data are sent to the printer at all. Here is how you switch to dump mode:

1. Switch off the printer.
2. Switch on the printer, keeping the FEED button pressed.
3. When the message "Dump Mode" appears on the display, release the FEED button. The printer will automatically print "Dump Mode Begin". That means the printer is now in dump mode.
4. Send commands to the printer and check whether they match the printer output.

To exit dump mode, press the FEED button. The printer will automatically print "Out Of Dump Mode" and switch to standby mode. Alternatively, you can switch off the printer to exit dump mode.

### 3-6. Label size calibration

The printer can automatically detect and store label height. That means the host computer does not need to transmit the label height to the printer.

1. Check that the label sensor is positioned correctly.
2. Switch off the printer.
3. Switch on the printer, keeping the PAUSE button pressed. When you hear 3 beeps and the message "Auto Sensing Mode" appears on the display, release the PAUSE button. The printer will now automatically measure the label size and store this information.
4. The label height in mm is shown on the display.

After displaying the label height, the printer switches back to standby mode.



EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL


### 3-7. Keyboard mode

The printers of the EZPi1000 series support keyboards with a PS/2 interface. Here is how you connect a PS/2 keyboard:

1. Switch off the printer and plug the PS/2 connector into the appropriate printer port.
2. Switch on the printer. The message "Keyboard mode [Y/N]" is shown on the display. Press the FEED button on the printer or the ENTER key on the keyboard to switch to keyboard mode.

In keyboard mode, you can go back to the previous page at any time by pressing the ESC key on the keyboard or the CANCEL button on the printer. If you keep going back, you will eventually be prompted to exit keyboard mode. To exit keyboard mode, press the ENTER key on the keyboard or the FEED button on the printer when the message "Exit keyboard mode? [Y/N]" appears on the display. To switch back to keyboard mode, either start up the printer again or select "Keyboard mode" in settings mode. If you wish to make any changes to the keyboard settings, please refer to the "Settings diagram" (in **Section 3.3**).


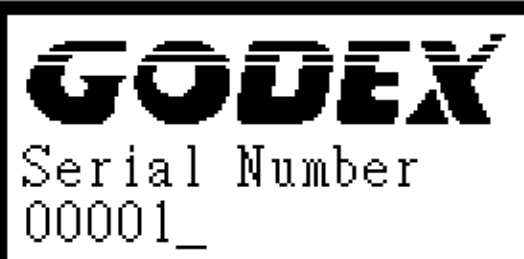




#### Printing a stored label in keyboard mode

<pre> ^FTST1 ^Q100,3 ^W100 ^H10 ^P1 ^S2 ^AD ^C1 ^R0 ~Q+0 ^O0 ^D0 ^E12 ~R200 ^L Dy2-me-dd Th:m:s C0,00001,+1,Serial Number V00,16,Product Name,jc0 V01,16,Price,jc0 AF,330,566,1,1,0,0,^C0 AH,212,168,1,1,0,0,^V00 AG,308,396,1,1,0,0,^V01 E </pre>	<div data-bbox="903 1010 1222 1285"> <p>Product name</p> <p>Price</p> <p>Serial Number</p> </div>
<div data-bbox="272 1682 791 1951">  <p>Enter Keyboard Mode? [y/n]</p> </div>	<ol style="list-style-type: none"> <li>1. At least one form must be stored in the printer. To create a sample label as shown above, copy the commands in the left-hand column and send them to the printer using QLabel or HyperTerminal.</li> <li>2. The sample form contains 2 variables and a serial number: "Product name", "Price" and "Serial Number". Printing will start only when values have been set for all 3 variables.</li> <li>3. Switch off the printer, connect the PS/2 keyboard to the PS/2 printer port and switch the printer on again.</li> <li>4. Press "ENTER" to switch to keyboard mode.</li> </ol>



EZPi-1200 SMP, EZPi-1300 SMP


## USER MANUAL

	<p>5. Press "ENTER" to select a file.</p> <p>*Note: Press ↑ or ↓ to select the previous or next form in the list.</p>
	<p>6. The input form for the serial number is now shown on the display.</p> <p>7. Specify a start value (example: 00001).</p>
	<p>8. The input form for the first variable is now shown on the display.</p>
	<p>9. Specify a product name (example: Apple).</p>
	<p>10. The input form for the second variable is now shown on the display.</p>
	<p>11. Specify a random value (example: 199).</p>



EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

 Print quantity: 3_	<p>12. The input form for the print quantity is now shown on the display.</p> <p>13. Specify a quantity (example: 3).</p>
<div data-bbox="395 712 686 913"><p>Apple</p><p>199</p><p>00001</p></div> <div data-bbox="395 922 686 1124"><p>Apple</p><p>199</p><p>00002</p></div> <div data-bbox="395 1133 686 1335"><p>Apple</p><p>199</p><p>00003</p></div>	<p>14. The printer will print three labels with the values for the two variables and the serial number specified.</p>





EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

### 3-8. Error alerts

In the event of a problem that prevents normal functioning of the printer, you will see an error message on the display and hear some beep signals. The LED indicators above the display will also light up.



Fast flashing



Slow flashing



Light on

Error message displayed	LED above the display			Beeps	Description	Solution
	RIBBON	MEDIA				
Print head is open			Both LEDs light up	4x2 beeps	The print mechanism is not closed.	Please make sure that the print mechanism is closed correctly.
Entering cooling process			Both flashing		The print head is too hot.	Once the print head has cooled down, the printer switches to standby mode.
Out of ribbon				3x2 beeps	No ribbon is loaded.	Please make sure that the printer is set to thermal direct mode.
					The ribbon is finished or the ribbon roll is not moving.	Replace the ribbon roll.
Out of media				1x2 beeps	Unable to detect the paper.	Please make sure that the gap sensor is positioned correctly. If that does not fix the problem, run the auto-detection function again.
					The labels are finished.	Replace the label roll.
					Paper jam.	Possible reason: paper feed problem.
CF card not formatted			Both flashing	2x2 beeps	The CF card is not formatted.	Please follow the instructions in Section 4-4 to format the CF card.
Memory full				2x2 beeps	The memory is full.	Delete data you no longer need from the memory or use a CF card.
File name not found				2x2 beeps	Unable to find file.	Use the "~X4" command to print all file names and check whether



EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

						the file exists in the memory.
File name already exists				2x2 beeps	The file name already exists.	Change the name of the file and try storing it again.



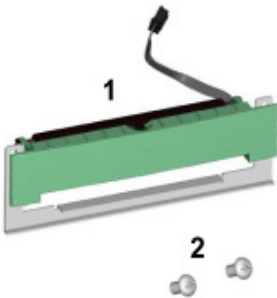

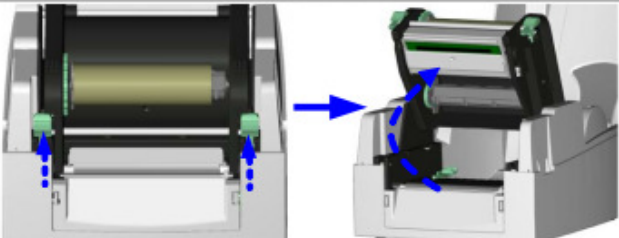
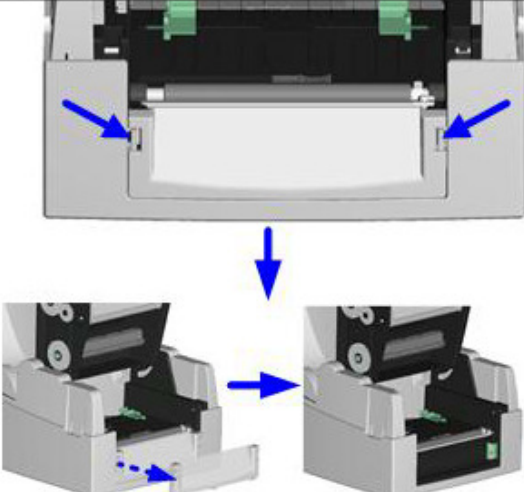


EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

### 4. Accessories

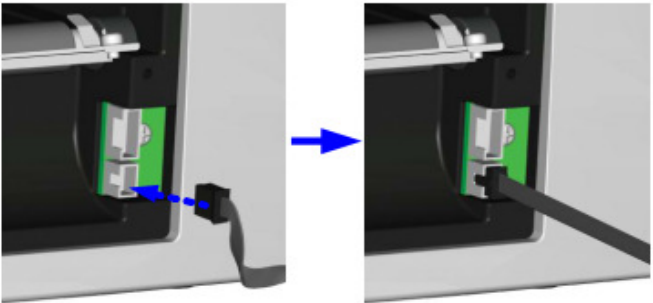
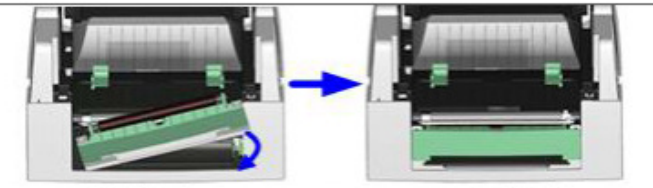
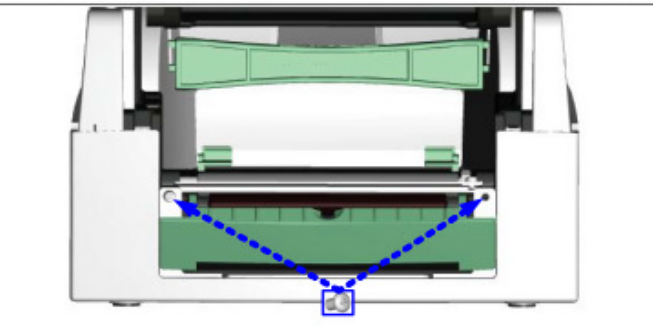
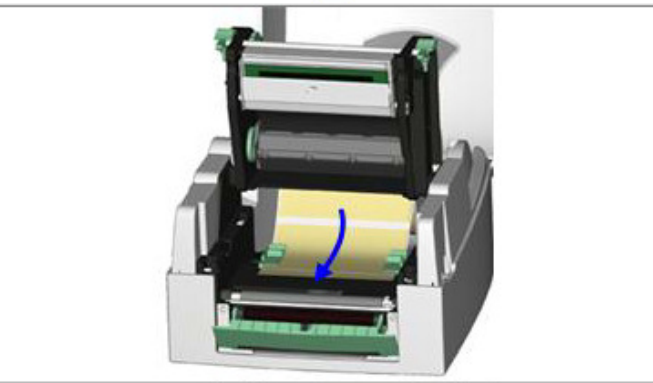
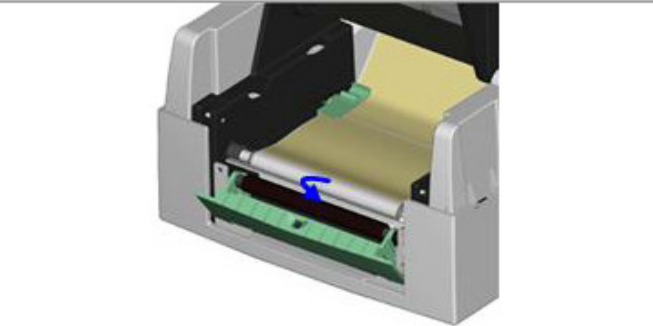
#### 4-1. Installing the label dispenser

<ol style="list-style-type: none"> <li>1 Dispenser module</li> <li>2 Screws (set of 2)</li> </ol>	
<p><b>【Note 1】</b> Remember to switch off the printer before installing the label dispenser.</p> <p><b>【Note 2】</b> A label liner thickness of <math>0.006 \text{ mm} \pm 10\%</math> and a weight of <math>65 \text{ g/m}^2 \pm 6\%</math> are recommended.</p> <p><b>【Note 3】</b> The label dispenser will take labels up to a max. width of 110 mm.</p> <p><b>【Tip】</b> When using the label dispenser, set the stop position to 9 mm.</p>	
<ol style="list-style-type: none"> <li>1. Open the printer cover by pressing the release buttons on both sides of the printer housing.</li> </ol>	
<ol style="list-style-type: none"> <li>2. Press the release catches on both sides of the print mechanism to open and lift the print mechanism.</li> </ol>	
<ol style="list-style-type: none"> <li>3. To remove the front cover, press in the two plastic release tabs.</li> <li>4. Remove the front cover as shown in the illustration.</li> </ol>	



EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

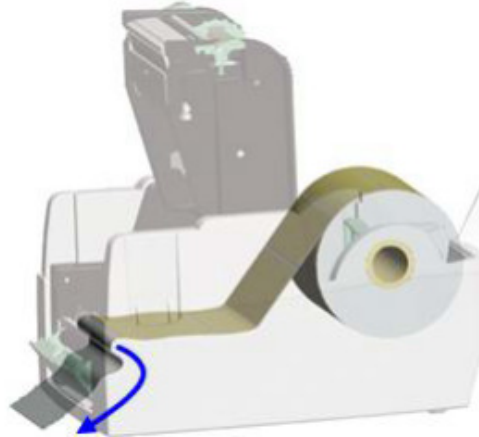
<p>5. Connect the dispenser cable to the lower jack as shown in the illustration on the right.</p> <p><b>【Important】</b> The printer must be switched off, or the motherboard may be destroyed! There are 2 jacks: the lower jack is for the dispenser, the upper jack for the cutter.</p>	
<p>6. Install the dispenser by pressing down first its left-hand side and then its right-hand side.</p>	
<p>7. Secure the dispenser using the screws provided for this purpose.</p>	
<p>8. Pass the paper through the guides.</p> <p><b>【Note】</b> Labels should be at least 25 mm high.</p>	
<p>9. Remove the first labels from the liner, so you can pull the liner through the guides.</p>	



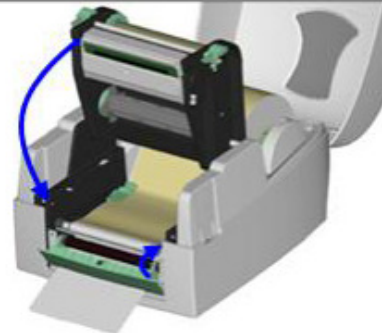
EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

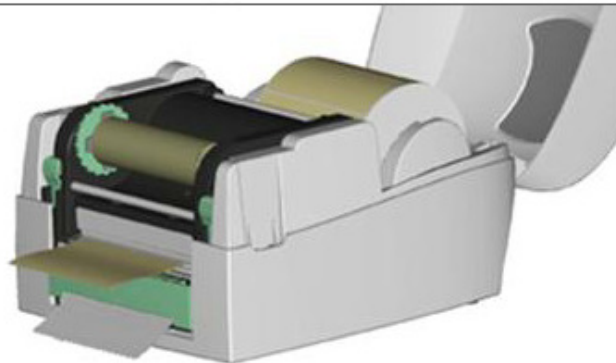
10. Pass the label stock through the printer as shown in the illustration on the right.



11. Close the print mechanism and the label dispenser.



12. Press the FEED button to set the label position and complete the installation.





EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

### 4-2. Installing the cutter

1	Cutter module	
2	Tap screws (3x8 – set of 2)	
<p><b>【Note 1】</b> Remember to switch off the printer before installing the cutter.</p> <p><b>【Note 2】</b> Do not use to cut adhesive labels! Glue residue will be left on the cutter blade and impair its functioning. The cutter has a blade life of 500,000 cuts when using paper weighing 160 g/m<sup>2</sup>, and of 250,000 cuts when using paper weighing 200 g/m<sup>2</sup>.</p>		<p><b>【Note 3】</b> You can cut paper with a max. width of 116 mm.</p> <p><b>【Suggestion】</b> With the cutter installed, set the stop position in Qlabel to 30, and the E value to 30.</p>
1.	Open the printer cover by pressing the release buttons on both sides of the printer housing.	
2.	Press the release catches on both sides of the print mechanism to open and lift the print mechanism.	
3.	To remove the front cover, press in the two plastic release tabs.	
4.	Remove the front cover as shown in the illustration.	
5.	Connect the cutter cable to the upper jack as shown in the illustration on the right.	
<p><b>【Important】</b> The printer must be switched off, or the motherboard may be destroyed! There are 2 jacks: the lower</p>		



EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

<p><i>jack is for the dispenser, the upper jack for the cutter.</i></p>	
<p>6. Install the cutter by pressing down first its left-hand side and then its right-hand side.</p>	
<p>7. Fold out the cutter as shown in the illustration.</p>	
<p>8. Secure the cutter using the screws provided for this purpose.</p>	
<p>9. Once you have secured the cutter with the screws, fold it back in again.</p>	
<p>10. Pass the labels through the guides.</p> <p>11. Close the print mechanism.</p> <p><b>【Note】</b> We advise against using inside wound label stock.</p>	



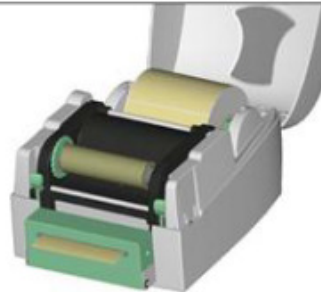


EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

12. To finish, press the FEED button to set the label position.

**【Note】** Labels should be at least 20 mm high. When using the printer with the cutter, you should set the stop position (^E) to 30.





EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

### 5-1. Cleaning the print head

Dirt on the print head or ribbon, or glue residue from the label stock may result in inadequate print quality. The printer cover must therefore always be closed during printing. Keeping dirt and dust away from the paper or labels ensures a good print quality and a longer lifespan of the print head. Here is how you clean the print head:

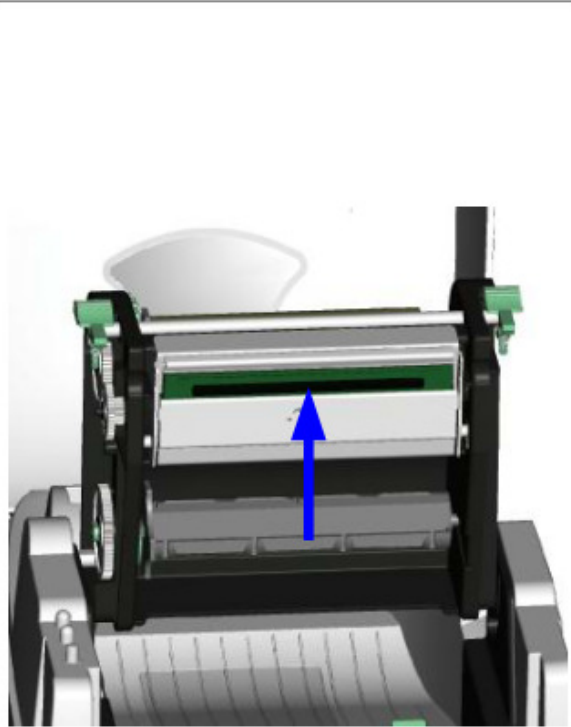
1. Switch off the printer.
2. Open the printer cover.
3. Release the print mechanism and lift it.
4. Remove the ribbon.
5. To remove any label residue or other dirt from the print head (see blue arrow), please use a soft lint-free cloth dipped in alcohol.

#### **【Note 1】**

*The print head should be cleaned once a week.*

#### **【Note 2】**

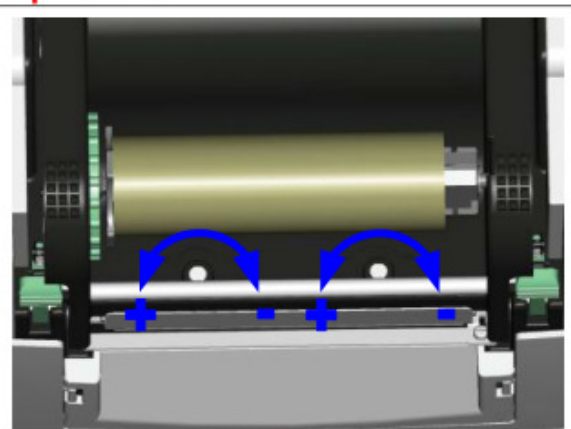
*Please make sure that there are no metal fragments or other hard particles on the soft cloth used to clean the print head.*



### 5-2. Adjusting the print head pressure

When printing on special media (with varying material thickness), the print quality may suffer. You will then need to adjust the print head pressure.

1. Open the printer cover.
2. Remove the ribbon.
3. Use a screw driver and slowly turn the adjustment screws for the print head to increase or reduce the print head pressure.





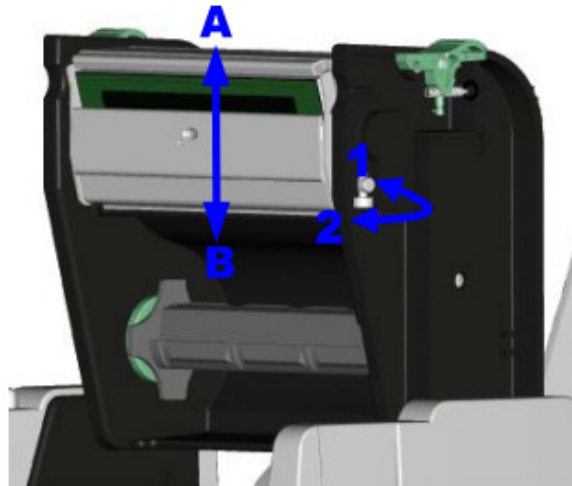
EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

### 5-3. Adjusting the print line

When the print line is incorrectly set, the print quality on one side of the medium may suffer. In such a case, the print line must be adjusted so it is positioned parallel to the paper feed roller.

1. To move the print head in direction A as indicated by the blue arrow, turn the adjustment wheel anticlockwise (see arrow 1).
2. To move the print head in direction B as indicated by the blue arrow, turn the adjustment wheel clockwise (see arrow 2).

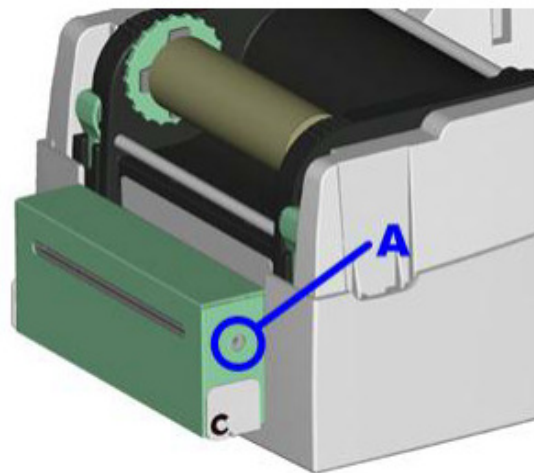


### 5-4. Adjusting the cutter

1. A socket head screw for adjusting the cutter is located on the side of the printer, as shown in illustration A. While using the cutter, paper jams may occur. Switch off the printer and use a hex key (# M3) to turn the socket head screw anticlockwise.
2. When you have cleared the paper jam, switch on the printer again. The cutter will automatically reset.

#### ***【Note】***

*Labels should be at least 30 mm high to ensure correct functioning of the cutter.*







EZPi-1200 SMP, EZPi-1300 SMP

## USER MANUAL

### CLASS A STATEMENT

#### USA

#### FCC COMPLIANCE STATEMENT FOR AMERICAN USERS

This equipment has been tested and found to comply with the limits for a CLASS A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at own expense.

#### CANADA

This Class A digital apparatus complies with Canadian ICES-003.

#### CE

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

#### BSMI

警告使用者:這是甲類的資訊產品,在居住的環境中使用時,可能會造成射頻干擾,在這種情況下,使用者會被要求採取某些適當的對策。

#### VCCI

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

#### KC

이 기기는 업무용으로 전자파적합등록을 한 기기이오니 판매자 또는 사용자는 이점을 주의하시기 바라며, 만약 잘못 판매 또는 구입하였을 때에는 가정용으로 교환하시기 바랍니다.

CCC 此为 Class A 产品,在生活环境中,该产品可能造成无线电干扰,在这种情况下,可能需要用户对其干扰采取切实可行的措施。



EZPi-1200 SMP, EZPi-1300 SMP

USER MANUAL

**FCC ID:WD6SMP**

## **FCC Statement:**

### **Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.