

Laundryprint

Operators Manual

Thermal Printing System

Rev: LP-Thermal 2008



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Please Read First

Your new Laundryprint system will come with a Ribbon already installed. Ensure that you only use the special Wader Thermal fast ribbon, this product has been laundry wash tested.

The phrase "Form" in this manual refers to a Label layout.

Extracts contained in this booklet have come from the OEM enclosed on CD within this system package. All logos and trademarks are property of the respective owners.

Notes on the two CD's enclosed with your system.

These discs have been included with your system for reference only.

*On the CD's you will find the two PDF manuals for your printer and Keyboard, these are handy as they include "How To" movies e.g. Installing a ribbon, tape etc.

There is also software on these disc's that can be used to program the printer, design & print labels via a personal computer, we urge caution when using these programs as a incorrect label layout sent via PC will have a global effect on all stored label formats and you may find that when you then try to use the stand alone keyboard and printer the labels do not print out correctly. (Your warranty with Wader Labelling Systems may also be void)

When using the Laundryprint in standalone setup (As supplied by Wader Labelling Systems) i.e. just keyboard and printer these discs are not required for actual label printing..

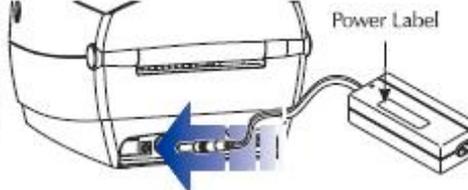
Attach Power Supply To The Printer

Power OFF



Check Voltage

Plug in Power Module



Plug in Power Cord

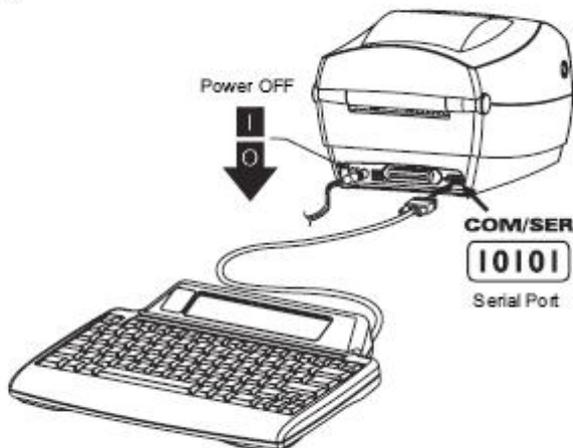


Plug Power Cord into a Suitable AC Outlet

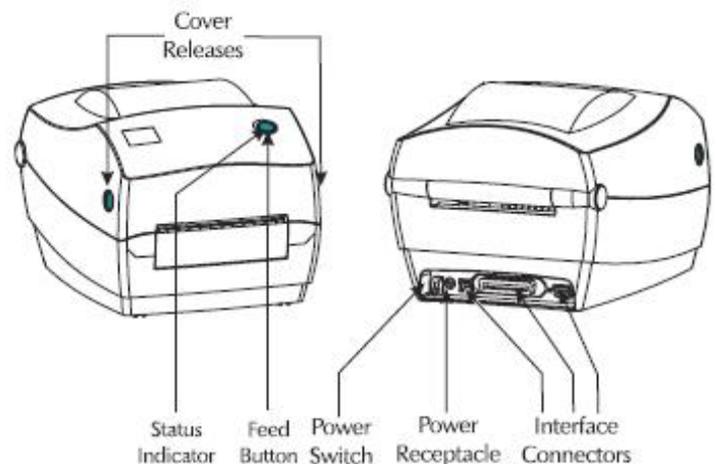


With the printer power OFF, attach the KDU Plus's printer serial port cable to the printer's serial port.

Power OFF



Know Your Printer



Starting To Print a Label

Once the Laundryprint has been connected to the power supply and you have checked that a ribbon and tape are installed correctly (see pages 5 & 6) you can now begin to print a label.

Stored within the printer are numerous standard label layouts that you can access, enter text & then print. At the end of this manual are detail of the layouts stored within the Laundryprint system and will give you an idea of how the printed label will look sizes, fonts etc (see example 1).

If you have specified a custom designed layout these will be stored in the printer as well (samples and the form name will be enclosed).

Example 1

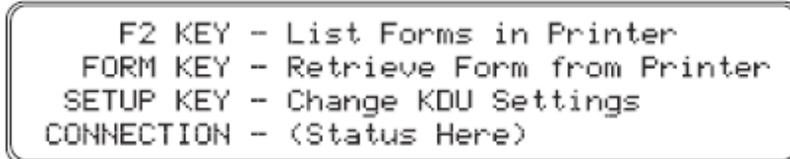


Ribbon & Tape Installed?



When you switch on

the screen of the Keyboard will display as below...



For label printing we are only concerned with the first two options the **F2 & FORM KEY**.

F2 by pressing this key the printer will list all the stored label formats

FORM KEY.

Press this key and the display will ask you to enter the name of the Form/ Label you wish to print.



To load the *Example 1* label above simply type **W6** and press the **ENTER** key.

Please Note:

Form (Label) names are case sensitive. Upper case lettering is the default

If a form name is entered incorrectly or does not exist the KDU Plus will report an error.



Pressing Exit or Esc will clear the error and return to the KDU Plus's Forms Mode display screen.

It will now ask you for the text in the label to be printed i.e.

Line 1
_



The screen displays the prompt “Line 1” and you will notice that the cursor is flashing under the text waiting for you to enter you label text.

For this example we want the first line of the label to say “Another Hospital” so just simply type that in and press the ENTER key. (See below).

Line 1
ANOTHER HOSPITAL _



Now the screen prompts you for the **second** line of the label

Line 2
_

For this example enter “WARD 30” followed by the ENTER key.

Line 2
WARD 30 _

Repeat this procedure for all the lines available to that particular layout you have selected. When all the label lines are complete the screen will prompt you for the quantity to be printed.

ENTER you quantity to be printed and press **ENTER**

Number of label sets
1_

The labels should now be printed and cut.



Once the labels have been printed the screen displays the **first** line of the label again with the previous text you have entered, in this example it is ...

Line 1
ANOTHER HOSPITAL _

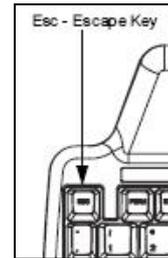


**** If you do not wish to print any more labels using this current design or for any other reason press EXIT or ESC to go back to the main menu and select a new form.**

Let's say you want to keep this line just press **ENTER**.

Now the second line of the label will be displayed i.e.

WARD 30



You want this line to be Ward 28 this time so simply type in

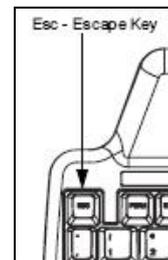
WARD 28 *press* **ENTER**.

Carry on this procedure until the label data is complete. (Just like you did when you first entered the label)

Put the quantity in and press **ENTER**, as before and the printer starts printing again.

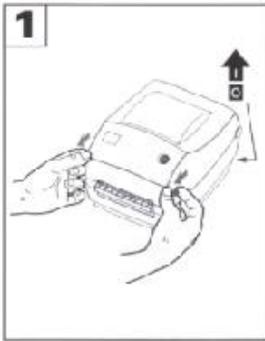
**** To select a different label layout press the ESC or EXIT key to go to the main menu where you can retrieve a different form / label.**

Note: Some of the larger size 5 type fonts are upper case characters only.

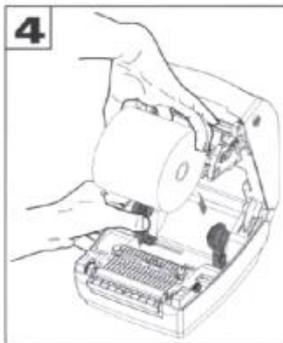


Loading Tape

Open the printer



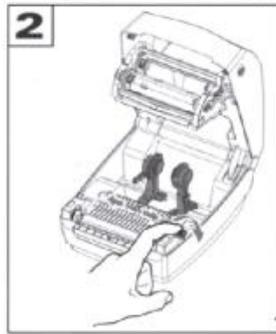
Insert tape



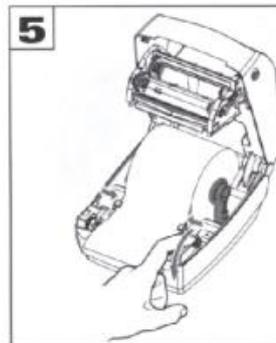
Close printer cover



Widen the tape position guides

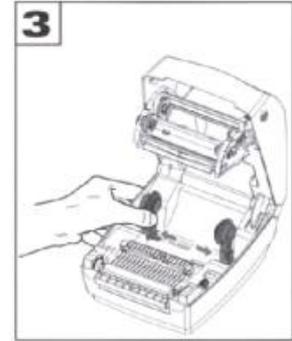


Adjust guides



Trim excess tape

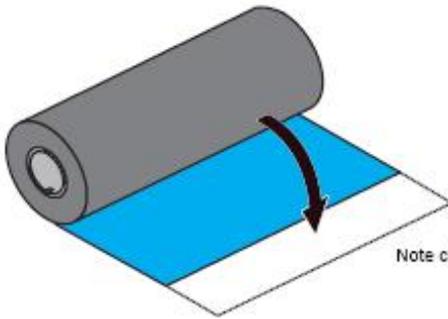
Pull apart the roll holder



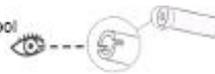
Depress the cover lever



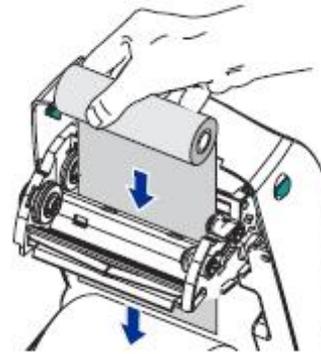
Ribbon Installation



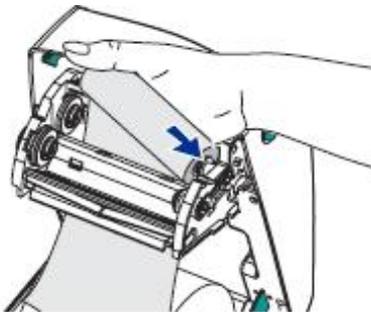
Note cut-out in ribbon spool



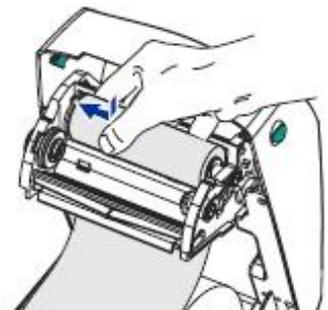
Thread Ribbon Through Carriage



Press onto Hub

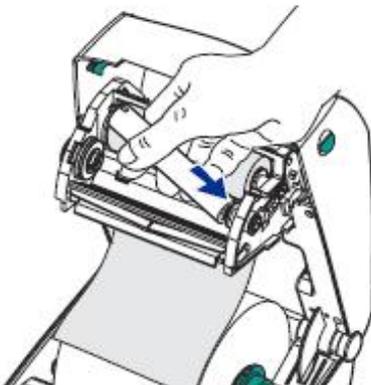


Align Notches onto Hub Spokes

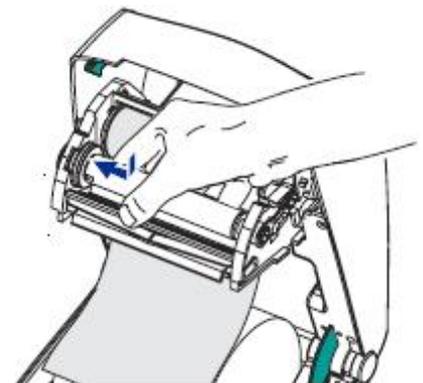


Install Take-Up Core

Press onto Hub

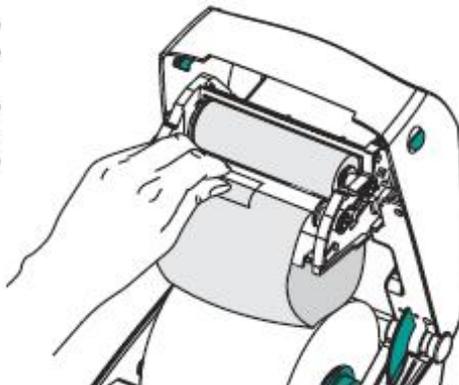


Align Notches onto Hub Spokes

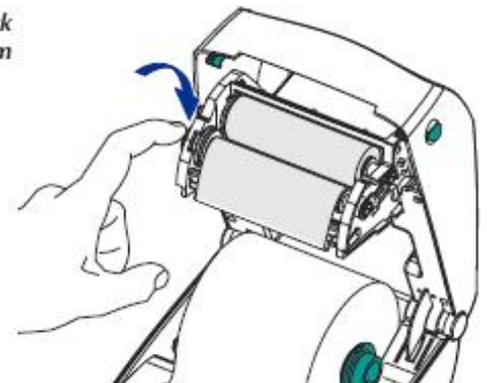


Attach Ribbon to Take-Up Core

Note: Use the adhesive strip on new rolls; otherwise, use tape



Remove Slack From Ribbon



Adding a new ribbon

If the ribbon runs out in the middle of a print job, the indicator lights **RED** and the printer waits for you to add a new ribbon.

- Keep the power on as you change the ribbon.
- Open the top cover, and then cut the used ribbon so that you can remove the core.
- Load the new ribbon roll. (see ribbon installation tips)
- Close the printer cover.
- Press the Feed button to restart the printer.

Replacing a Partially used transfer ribbon.

- Cut the ribbon from the take –up roll.
- Remove the take-up roll and discard the used ribbon.
- Remove the supply roll and tape the end of any fresh ribbon to prevent it from unwrapping,
- When reinstalling a partially used supply roll, tape the cut end onto the empty take up roll.

Problem Solving

Problem	Solution or Reason
STATUS Indicator	
Does not light after turning ON (I) printer.	<ol style="list-style-type: none"> 1. Check power connections from A.C. outlet to power supply to printer. 2. Check that media or ribbon is present.
Blinks GREEN.	<ol style="list-style-type: none"> 1. Printer receiving data through interface. 2. Signal to begin AutoSense after turning ON printer. Release the FEED button.
Blinks GREEN-RED-RED.	<ol style="list-style-type: none"> 1. Operator has paused the printer during a batch job. Tap the FEED button to continue.
Lights ORANGE.	<ol style="list-style-type: none"> 1. Ribbon is out. Reload a new supply. 2. The optional cover open sensor is active. Press top cover to close and lock. 3. Printer has a syntax or command error. Check program and resend print job.
Blinks ORANGE.	<ol style="list-style-type: none"> 1. Firmware download in process. Indicator lights red, then green.
Lights RED.	<ol style="list-style-type: none"> 1. Media is out. Reload a new supply. 2. Power-up failure. 3. Printer ready to receive flash programming during firmware download.
Printer Operation	
Lights GREEN, but printer will not print.	<ol style="list-style-type: none"> 1. Check interface cable connections from computer to printer. 2. Make sure top cover is locked closed. 3. Check that labels are correct. 4. Verify media has print surface up for printing. 5. Check that transfer ribbon is correctly routed and has the ink side out for thermal transfer printing.

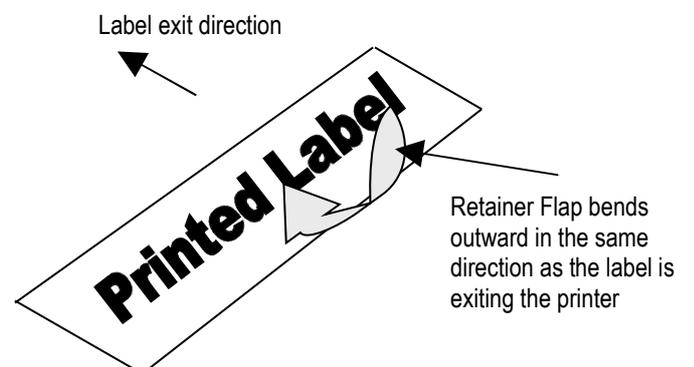
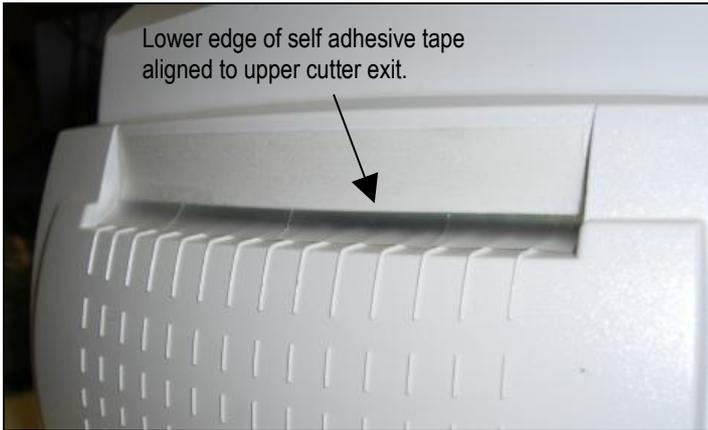
Problem	Solution or Reason
Printer Operation—continued	
Printer appears to be working (media is being fed out), but nothing is printed.	<ol style="list-style-type: none"> 1. Verify that the labels are the correct type. 2. Check that the roll is loaded with the direct thermal side facing up. 3. Clean the print head with cleaning pen. 4. Ensure top cover is locked closed.
Printing is faded or poor quality.	<ol style="list-style-type: none"> 1. Clean the print head with cleaning pen. 2. Adjust print speed/darkness in software. 3. Check the media and verify that print surface is facing up. 4. Check the correct combination thermal transfer ribbon and media are in use.
Prints only partial label or skips a label.	<ol style="list-style-type: none"> 1. Perform AutoSense gap sensor adjustment on page 8. 2. Label caught on print head. 3. Top cover is not properly latched. 4. Possible software problem. Check the printer memory configuration. Refer to the EPL2 Programming manual.
Printing stops and STATUS indicator lights ORANGE or RED.	<ol style="list-style-type: none"> 1. Perform AutoSense gap sensor adjustment on page 8. 2. Possible problem with label stock. Use only approved labels and tags. 3. Possible label jam. 4. Insufficient memory for label size. Check the printer memory configuration. 5. Possible software problem. Refer to the EPL2 Programming manual.

Label Retainer.

This item is fitted to stop smaller size labels getting pulled back into the printer.

To fit the label retainer strip....

- Ensure that the area you are sticking the retainer is clean & free from dust etc.
- Peel the self adhesive backing off
- Align the lower edge of the self adhesive tape to the upper edge of the cutter tape exit. (See picture).
- The clear plastic flap should bend outward to the front of the printer / Cutter (see picture).



Form Names Of Standard Installed Label Layouts 80mm Wide. Please Note depending when your system was delivered label designs may differ.

ABCDEFGHIJKLMNOPQRSTUVWXYZ []_ ABCDEFGHIJKLMNOPQRSTUVWXYZ []_ ABCDEFGHIJKLMNOPQRSTUVWXYZ []_ ABCDEFGHIJKLMNOPQRSTUVWXYZ []_ ABCDEFGHIJKLMNOPQRSTUVWXYZ []_ ABCDEFGHIJKLMNOPQRSTUVWXYZ []_ ABCDEFGHIJKLMNOPQRSTUVWXYZ []_	W1
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ABCDEFGHIJKLMNOPQRS ABCDEFGHIJKLMNOPQRS ABCDEFGHIJKLMNOPQRS ABCDEFGHIJKLMNOPQRS ABCDEFGHIJKLMNOPQRS	W2
---	----

ABCDEFGHIJKLMNOPQRS ABCDEFGHIJKLMNOPQRS ABCDEFGHIJKLMNOPQ ABCDEFGHIJKLMNOPQ ABCDEFGHIJKLMNOPQ	W3
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ABCDEFGHIJKLMNOPQRSTUVWXYZ ABCDEFGHIJKLMNOPQRSTUVWXYZ ABCDEFGHIJKLMNOPQRSTUVWXYZ ABCDEFGHIJKLMNOPQRSTUVWXYZ	W4
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ABCDEFGHIJKLMNOPQRS ABCDEFGHIJKLMNOPQRS ABCDEFGHIJKLMNOPQRS	W5
---	----

ABCDEFGHIJKLMNOPQRSTU ABCDEFGHIJKLMNOPQRS ABCDEFGHIJKLMNOPQRS	W6
---	----

ABCDEFGHIJKLMNOPQ ABCDEFGHIJKLMNOPQ ABCDEFGHIJKLMNOPQ	W7
---	----

ABCDEFGHI ABCDEFGHIJKLM	W8
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WADER	W9
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ABCDEFGHI ABCDEFGHI	W10
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TOP LEFT 1234567 TOP RIGHT 123456 BOTTOM LEFT 1234 BOTTOM RIGHT 123	W11
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ABCDEFGHIJKLMNOP NHS ABCDEFGHIJKLMNOPQRSTU ABCDEFGHIJKLMNOPQRSTU	W12
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	W13
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ABCDEFGHIJKLMNOP NHS ABCDEFGHIJKLMNOPQRS ABCDEFGHIJKLMNOPQRS ABCDEFGHIJKLMNOPQRS	W14
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W15 SAMPLE LABEL LAUNDRYPRINT THERMAL PRINTER	W15

W16 LAUNDRYPRINT SAMPLE LABEL THERMAL PRINTER TEST LABEL	W16

W17 WADER LABELLING SYSTEMS LAUNDRYPRINT THERMAL PRINTER	W17

WADER LABELLING SYSTEM <table border="1"> <tr> <td>A PERSON ENGINEERING DEPT XL / 44</td> <td>BOILER S / BLUE 02/04/2008 BATCH 001S</td> </tr> </table>	A PERSON ENGINEERING DEPT XL / 44	BOILER S / BLUE 02/04/2008 BATCH 001S	W18
	A PERSON ENGINEERING DEPT XL / 44	BOILER S / BLUE 02/04/2008 BATCH 001S	

	W19

	W20