

TLS4/TLS-450PLUS Consoles

Epson TM-T88V Printer Configuration Guide

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Introduction

This manual contains procedures for configuring the Epson TM-T88V roll printer for operation with the Veeder-Root TLS4 series and TLS450PLUS ATG consoles. The Epson TM-T88V printer requires 80mm (3-1/8") wide thermal paper rolls.

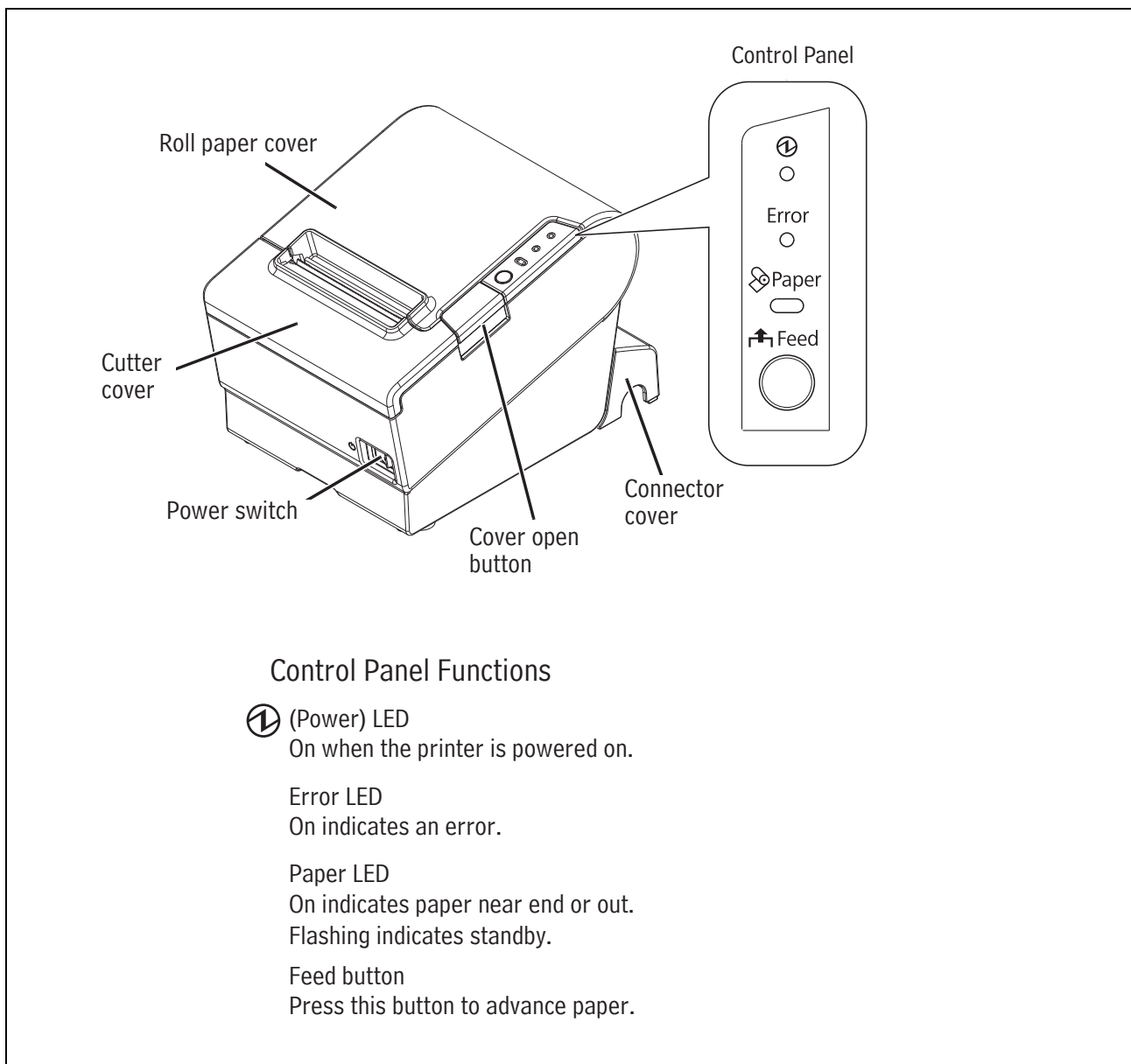


Figure 1. Epson TM-T88V Printer Controls

Configure The Epson Printer For Compatibility

Note: Epson TM-T88V printers ordered from a Veeder-Root Authorized Distributor will arrive pre-configured. This step is only necessary for printers with Epson factory default values.

1. To access the initial setup menu, hold down the paper Feed button and power up printer. You will get a printout similar to the one below:

Firmware Version 30.21 ESC/POS

USB Interface or other

Buffer Capacity
4K bytes

Handshaking Operation (busy condition)
Offline or receiver buffer full

Resident Character
Alphanumeric

Automatic Line Feed
(CR command function)
Disabled

Print Density
LIGHT [1 2 3] DARK
^

Maintenance Information
Thermal Head : 0.003 km
Autocutter : 11 cuts

DIP Switch 1
1 2 3 4 5 6 7 8

■ ■ ■ ■ ■ ■ ■ ■

DIP Switch 2
1 2 3 4 5 6 7 8

■ ■ ■ ■ ■ ■ * *

Select Modes by pressing Feed button.
Continue SELF-TEST: Less than 1 second
Mode Selection : 1 second or more

2. Press and hold the paper Feed button for 1 second or more to open/print the Mode Selection menu below:

Mode Selection

Modes

- 0: Exit and Reboot Printer
- 1: NV Graphics Information
- 2: Receipt Enhancement Information
- 3: Customize Value Settings
- 4 or more: None

Select Modes by executing following procedure;

- step 1. Press the Feed button less than 1 second as many times as the selected mode number.
- step 2. Press Feed button for 1 second or more.

3. Select Mode item 3: Customize Value Settings (3 short presses [less than 1 second], followed by 1 long press [1 second or more]). The printout below will be generated:

Customize Value Settings

Modes

- 0: Exit
- 1: Print Current Settings
- 2: Print Density
- 3: Baud Rate
- 4: Automatic Paper Reduction
- 5: Auto Paper Feed&Cut at cover close
- 6: Paper Width
- 8: Default Character
- 9: Embedded Font Replacement
- 10: Interface Selection
- 11: USB Interface Settings
- 12: Power Supply Output
- 13: Printing Speed
- 14: Other Settings

Select Modes by executing following procedure;

- step 1. Press the Feed button less than 1 second as many times as the selected mode number.
- step 2. Press Feed button for 1 second or more.

4. Select Mode item 8: Default Character (8 short presses, followed by 1 long press). The printout below will be generated:

```
8: Default Character

Modes
  0: Return to the previous menu
  1: Code Page
  2: International Character Set
```

5. Select Mode item 1: Code Page (1 short press, followed by 1 long press). The printout below will be generated:

```
8: Default Character
8.1.Code Page

Modes
  0: Return to the previous menu
  1: Western Europe, Southern Europe
  2: Eastern Europe, Northern Europe
  3: USA, Canada
  4: Asia
  5: Turkey, Arabia, Israel
  6: Others
```

6. Select Mode item 1: Western Europe, Southern Europe (1 short press, followed by 1 long press). The printout below will be generated:

```
8: Default Character
8.1.Code Page
8.1.1.Western Europe, Southern Europe

Modes
  0: Return to the previous menu
  ]* 1: Page0:PC437(USA, Standard Europe)
  2: Page3:PC860(Portuguese)
  3: Page11:PC851(Greek)
  4: Page14:PC737(Greek)
  5: Page15:ISO8859-7(Greek)
  6: Page16:WPC1252
  7: Page18:PC852(Latin2)
  8: Page19:PC858
  9: Page34:PC855(Cyrillic)
  10: Page38:PC869(Greek)
  11: Page39:ISO8859-2(Latin2)
  12: Page40:ISO8859-15(Latin9)
  13: Page45:WPC1250
  14: Page47:WPC1253

] means default value.
* means current set value.
```

7. Select Mode item 12: Page40:ISO8859-15(Latin9) (12 short presses, followed by 1 long press). The printout below will be generated:

8. Default Character
8.1.Code Page
8.1.1.Western Europe, Southern Europe
Page40:ISO8859-15(Latin9)

Saved. You can turn off the printer.

Modes

- 0: Exit
- 1: Print Current Settings
- 2: Print Density
- 3: Baud Rate
- 4: Automatic Paper Reduction
- 5: Auto Paper Feed&Cut at cover close
- 6: Paper Width
- 8: Default Character
- 9: Embedded Font Replacement
- 10: Interface Selection
- 11: USB Interface Settings
- 12: Power Supply Output
- 13: Printing Speed
- 14: Other Settings

Select Modes by executing following procedure;

- step 1. Press the Feed button less than 1 second as many times as the selected mode number.
- step 2. Press Feed button for 1 second or more.

8. The Default Character settings have been saved.
9. Select Mode item 9: Embedded Font Replacement (9 short presses, followed by 1 long press). The printout below will be generated:

9.Embedded Font Replacement

Modes

- 0: Return to the previous menu
- 1: Font A Replacement
- 2: Font B Replacement

10. Select Mode item 1: Font A Replacement (1 short press, followed by 1 long press). The printout below will be generated:

9.Embedded Font Replacement
9.1.Font A Replacement

Modes

0: Return to the previous menu
]*1: Font A (No Replacement)
2: Font B

] means default value.
* means current set value.

11. Select Mode item 2: Font B (2 short presses, followed by 1 long press). The printout below will be generated:

9.Embedded Font Replacement
9.1.Font A Replacement
Font B

Saved. You can turn off the printer.

Modes

0: Exit
1: Print Current Settings
2: Print Density
3: Baud Rate
4: Automatic Paper Reduction
5: Auto Paper Feed&Cut at cover close
6: Paper Width
8: Default Character
9: Embedded Font Replacement
10: Interface Selection
11: USB Interface Settings
12: Power Supply Output
13: Printing Speed
14: Other Settings

Select Modes by executing following procedure;

step 1. Press the Feed button less than 1 second as many times as the selected mode number.
step 2. Press Feed button for 1 second or more.

12. The Font A Replacement settings have been saved.

13. Select Mode item 9: Embedded Font Replacement (9 short presses, followed by 1 long press). The printout below will be generated:

9.Embedded Font Replacement

Modes

- 0: Return to the previous menu
- 1: Font A Replacement
- 2: Font B Replacement

14. Select Mode item 2: Font B (2 short presses, followed by 1 long press). The printout below will be generated:

9.Embedded Font Replacement

9.2.Font B Replacement

Modes

- 0: Return to the previous menu
- 1: Font A
-]2: Font B (No Replacement)

] means default value.

* means current set value.

15. Select Mode item 1: Font A (1 short press, followed by 1 long press). The printout below will be generated:

9.Embedded Font Replacement

9.2.Font B Replacement

Font A

Saved. You can turn off the printer.

Modes

- 0: Exit
- 1: Print Current Settings
- 2: Print Density
- 3: Baud Rate
- 4: Automatic Paper Reduction
- 5: Auto Paper Feed&Cut at cover close
- 6: Paper Width
- 8: Default Character
- 9: Embedded Font Replacement
- 10: Interface Selection
- 11: USB Interface Settings
- 12: Power Supply Output
- 13: Printing Speed
- 14: Other Settings

Select Modes by executing following procedure;

- step 1. Press the Feed button less than 1 second as many times as the selected mode number.
- step 2. Press Feed button for 1 second or more.

16. The Font B Replacement settings have been saved.

17. Select Mode item 10: Interface Selection (10 short presses, followed by 1 long press). The printout below will be generated:

```
10. Interface Selection

Modes
  0: Return to the previous menu
  1: UIB
  2: Built-in USB
  ]*3: Auto

] means default value.
* means current set value.
```

18. Select Mode item 2: Built-in USB (2 short presses, followed by 1 long press). The printout below will be generated:

```
10. Interface Selection
  Built-in USB

Saved. You can turn off the printer.

Modes
  0: Exit
  1: Print Current Settings
  2: Print Density
  3: Baud Rate
  4: Automatic Paper Reduction
  5: Auto Paper Feed&Cut at cover close
  6: Paper Width
  8: Default Character
  9: Embedded Font Replacement
  10: Interface Selection
  11: USB Interface Settings
  12: Power Supply Output
  13: Printing Speed
  14: Other Settings

Select Modes by executing following
procedure;
  step 1. Press the Feed button less
           than 1 second as many times
           as the selected mode number.
  step 2. Press Feed button for 1
           second or more.
```

19. The Interface Selection settings have been saved.

20. Select Mode item 11: USB Interface Selection (11 short presses, followed by 1 long press). The printout below will be generated:

```
11.USB Interface Settings

Modes
  0: Return to the previous menu
  1: Class
```

21. Select Mode item 1: Class (1 short press, followed by 1 long press). The printout below will be generated:

```
11.USB Interface Settings
 11.1.Class

Modes
  0: Return to the previous menu
] * 1: Vendor Class
  2: Printer Class

] means default value.
* means current set value.
```

22. Select Mode item 2: Printer Class (2 short presses, followed by 1 long press). The printout below will be generated:

```
11.USB Interface Settings
 11.1.Class
    Printer Class

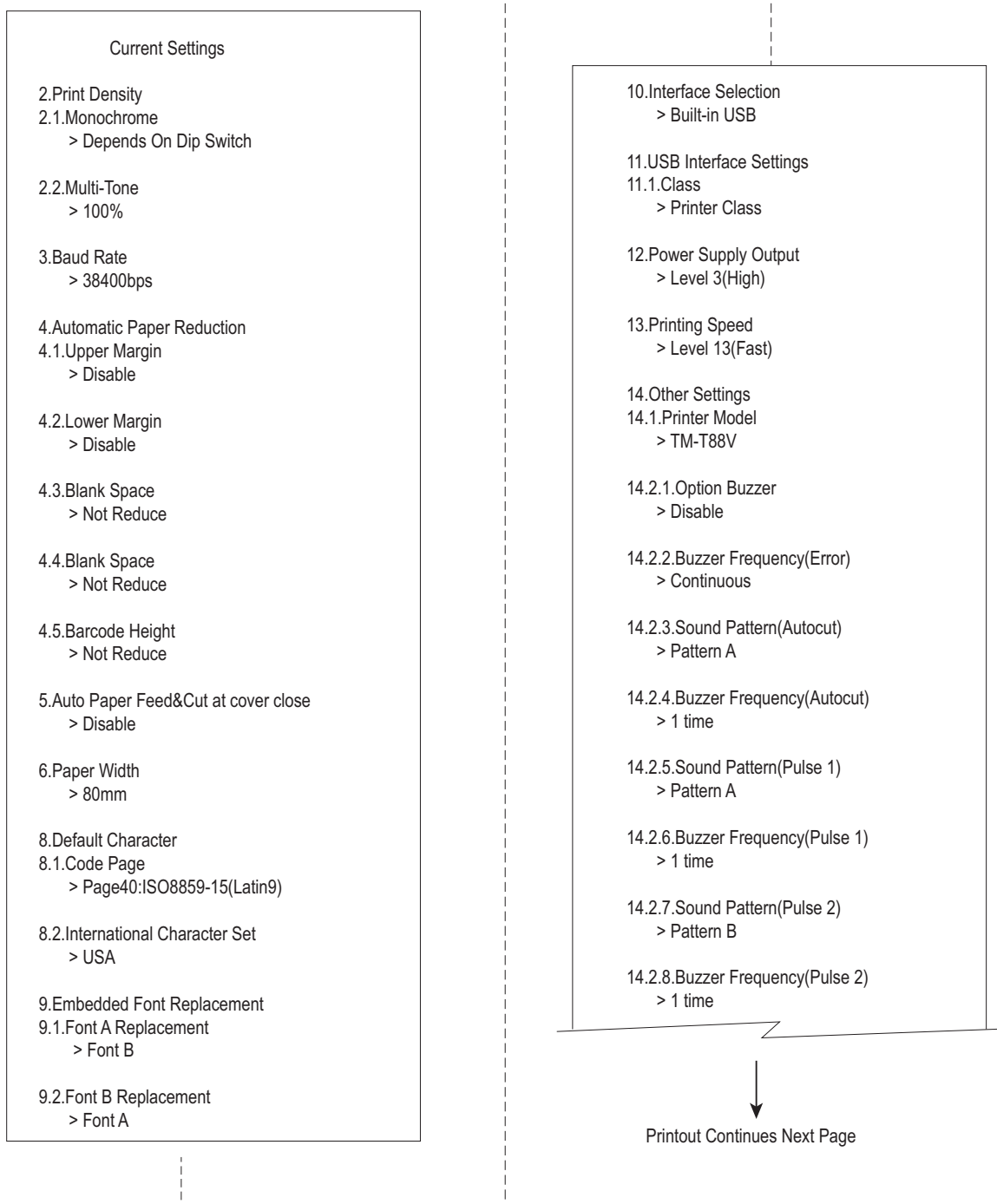
Saved. You can turn off the printer.

Modes
  0: Exit
  1: Print Current Settings
  2: Print Density
  3: Baud Rate
  4: Automatic Paper Reduction
  5: Auto Paper Feed&Cut at cover close
  6: Paper Width
  8: Default Character
  9: Embedded Font Replacement
 10: Interface Selection
 11: USB Interface Settings
 12: Power Supply Output
 13: Printing Speed
 14: Other Settings

Select Modes by executing following
procedure;
  step 1. Press the Feed button less
           than 1 second as many times
           as the selected mode number.
  step 2. Press Feed button for 1
           second or more.
```

23. The USB Interface Selection settings have been saved.

24. Select Mode item 1: print current settings (1 short press, followed by 1 long press). The current printer settings will print and should appear as follows:



Modes

- 0: Exit
- 1: Print Current Settings
- 2: Print Density
- 3: Baud Rate
- 4: Automatic Paper Reduction
- 5: Auto Paper Feed&Cut at cover close
- 6: Paper Width
- 8: Default Character
- 9: Embedded Font Replacement
- 10: Interface Selection
- 11: USB Interface Settings
- 12: Power Supply Output
- 13: Printing Speed
- 14: Other Settings

Select Modes by executing following procedure;

- step 1. Press the Feed button less than 1 second as many times as the selected mode number.
- step 2. Press Feed button for 1 second or more.

25. Select Mode Item 0: Exit (1 long press). The printout below will be generated:

Mode Selection

Modes

- 0: Exit and Reboot Printer
- 1: NV Graphics Information
- 2: Receipt Enhancement Information
- 3: Customize Value Settings
- 4 or more: None

Select Modes by executing following procedure;

- step 1. Press the Feed button less than 1 second as many times as the selected mode number.
- step 2. Press Feed button for 1 second or more.

26. Select Mode Item 0: Exit and reboot printer (1 long press).

27. Printer configuration is complete.

- 1. Connect the USB cable to the TM-T88V USB port.

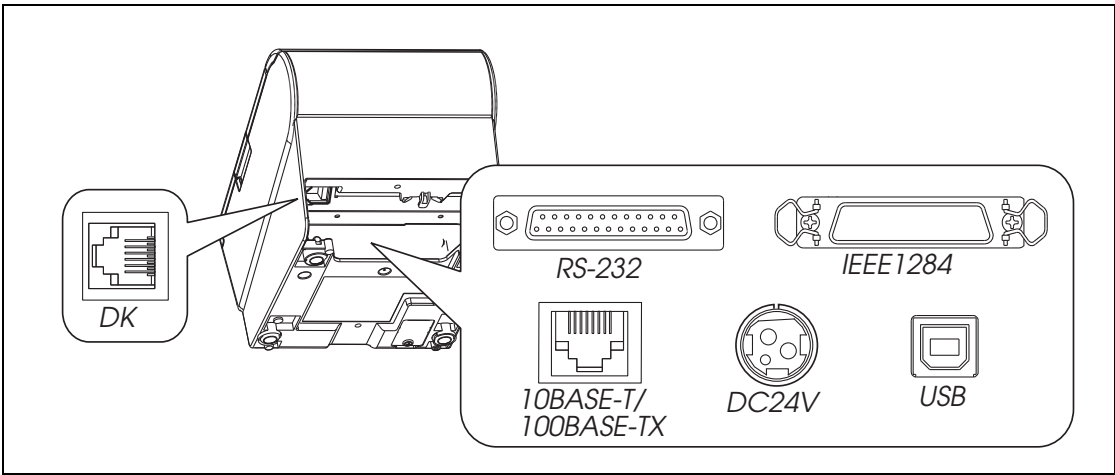


Figure 2. Locate The TM-T88V USB Port

- 2. Connect the printer's USB cable to an available USB port on the console.

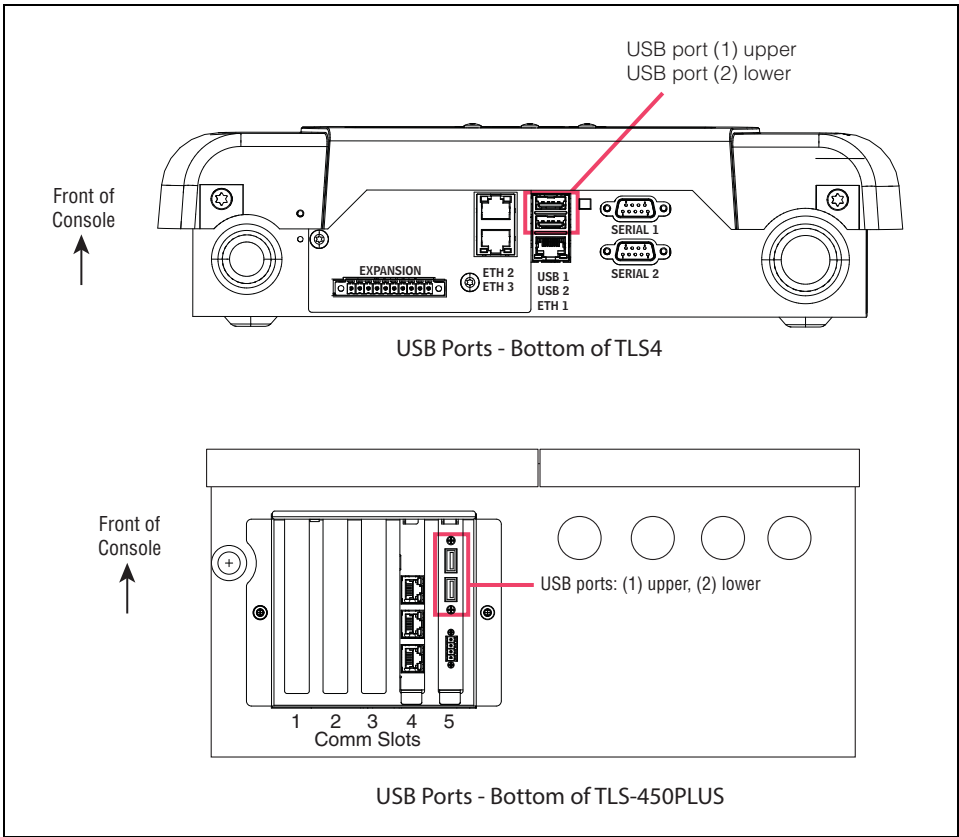
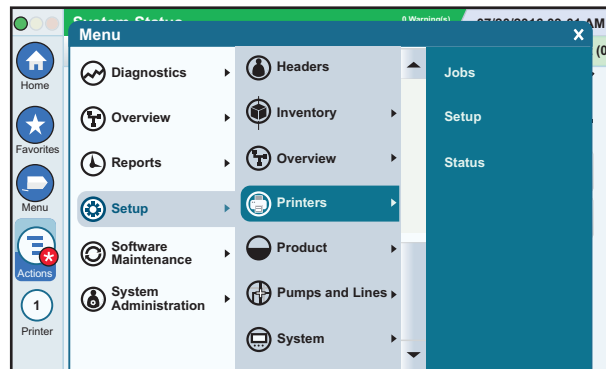
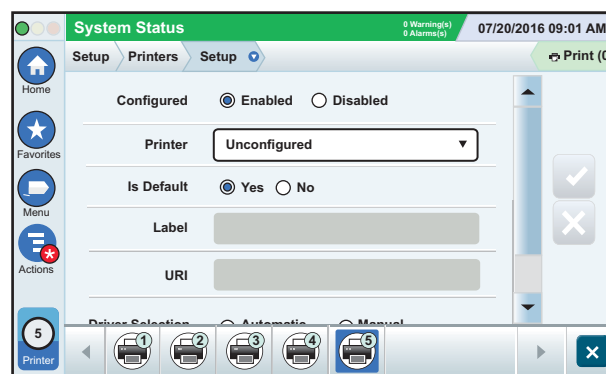


Figure 3. Locating Console USB Ports

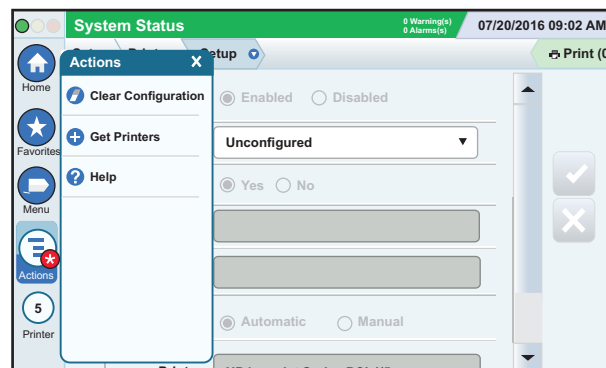
3. Navigate on the console's touchscreen to the Printer Setup menu (Setup>Printers>Setup):



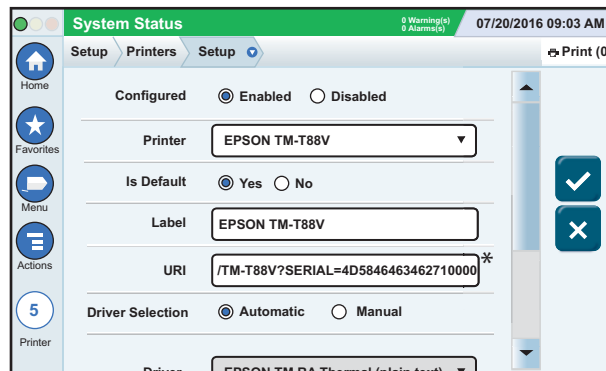
4. By selecting the Printer Icon in the bottom left corner, you may then choose the unconfigured printer (1-5) to which you want to assign the TM -T88V printer (in the example below, 5):



5. Touch the Actions button, then touch the Get Printers bar:



6. Now select the Epson TM-T88V from the drop down Printer selection list. Touch the check button  to save your selection:



7. Return to the Home menu and touch the Print icon in the upper right to print a test page:

