

Serials Label Printing using Zebra TLP 2824 Printers and Print Wizard

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Introduction:

Because the Zebra TLP 2824 USB printer works great for monographic spine labels (with print templates), we wanted to use the same printers for serials labels. Unfortunately, serials labels cannot be printed using Innovative's print templates at this time.

Printing serials labels directly to the Zebra USB printer yielded undesirable results (odd font, extra label between each label), so the addition of Print Wizard software was necessary to get the format and output desired.

Hardware Software and Supplies

- Zebra TLP 2824 thermal USB printer (mfg# 2824-11100-0001)
- Labels from Bayscan Technologies (mfg# DYNSPINE)
- Print Wizard Server Edition software from Rasmussen Software

Part One: Zebra Printer

- Using the CD accompanying the printer, install the printer on your computer
- Use the EPL set of printer drivers and install the driver for TLP 2824
 - You will be prompted to pick a label size or customize the size; we customized by creating a user-defined label size using the actual measurements of the labels
- Connect the printer to your computer with the USB cable
- Print a test page to verify that the computer sees the printer
 - If the print is not dark enough, go to the printer properties, and click on Printing Preferences. Under Device Options | Head Settings, increase the darkness setting

Part Two: Print Wizard Software

- Install the Print Wizard Server Edition software on the computer (we have v. 3.3)
- Using Notepad, create the following file and save it as serials.init in the C:\Program Files\Printwiz30 directory

```
<PWML>
<!-- initialization file specifying printing --
>
<!-- parameters for our spine labels --
>
<!-- Place this file on harddrive: C:\Program Files\Printwiz30 --
>
-->

<PAGESIZE
  X=2.4cm
  Y=3.6cm
  length=8
  orientation=portrait
>
<FONT face="Courier New">
<B>
<BODY
  topmargin=.2cm
  leftmargin=.2cm
  rightmargin=2.5cm
  bottommargin=3.8cm
>
<LEGACY wrap=squeeze>
```

- Create a shortcut icon to "C:\Program Files\Printwiz30\PrintWiz.exe" and save it on your desktop
- Right-click on the icon and go to Properties
- Make the following changes to the Target and Start in boxes on the Shortcut Tab:

```
Target = "C:\Program Files\Printwiz30\PrintWiz.exe" /listen /u
/init=serials.init /p "Zebra TLP2824"

Start in = "C:\Program Files\Printwiz30"
```

Notes...

- If you want Print Wizard to start automatically each time you turn on your computer, save the PrintWiz.exe from your desktop in the Startup directory
- We upgraded from Print Wizard 3.0 to Print Wizard 3.3 so the file directory names may be different if you start with v 3.3

Part Three: Create the Printer

- In the character-based III system, create a Workstation Jet Direct printer via Advanced Printer Setup
- Our menu map to Advanced Printer Setup

```
A>Additional System Functions
A>Alter System Parameters
L>Login Names and Parameters
A>Advanced Printers List
```

- Create a printer with the following parameters:

```
01 > Menu Name           : Workstation Jetdirect
02 > Diac Map            : diac.utf8
03 > ID                  : 17
04 > Printer Type       : wsjet
05 > Class               : Standard 1
06 > Type                : Network Printer
07 > Device              : LOCAL:9100
08 > User type           : Standard
09 > STTY Settings      : IXON -I XANY OPOST
10 > Confirm Print      : NO
11 > Initial String     : \014
12 > Closing String     : \014
13 > Maximum Columns    : 80
14 > Maximum Rows       : 60
```

Part Four: Millennium Settings

- Associate the Workstation Jetdirect Printer with your Millennium Serials login
 - Log into Millennium Serials
 - Go to Admin | Login Manager | Edit Login
 - Highlight the Workstation JetDirect Printer in the “Available Printers” box and use the left-arrow to move it to the “Selected Printers” box
 - Note: you’ll need to close and reopen Millennium to see and use this printer
- Allow Label Printing
 - Go to Admin | Login Manager | Manager Controlled Options
 - On the printing tab, check the box to Allow Label Printing
- Make sure your checkin records have the code “a” in the fixed field “Label Type”

Part Five: Set the Label Specifications

- Define the serials label specifications in the character-based system options

```
A>Additional System Functions
A>Alter System Parameters
S>System Codes
O>Set System Options
S>Serials Options
```

- Select 2 > Label specifications. Our settings are:

```
Label specifications

1 > Print spine label.....YES
2 > Width of spine, in columns.....8
3 > Width of label, in columns.....1
4 > Width of gap, in columns.....3
5 > Height of label, in lines.....8
6 > Vertical space between labels on printout, in lines.....1
7 > Printer selection.....USE LOCAL PRINTER
8 > Breakmode for call number.....BREAK ON SPACE & SUBFIELD
```

- Return to the Serials Options menu and select 3 > Serials checkin spine label 1. Our settings are:

```
Serials checkin spine label 1

1 > Fields to print on label.....Choose to view
2 > Format for call numbers.....LETTERS / NUMBERS & DECIMAL
3 > Print the period preceding the Cutter number.....YES
```

- Select 1 > Fields to print on label. Our settings are:

```
Fields to print on Serials checkin spine label 1:

1 > CALL # from CHECKIN record (period will print): Class Letters, Numbers and
Decimals all print on separate lines.
2 > Volume:issue
```

- Return to the Serials Options menu and select Serials Checkin Pocket Label 1. Our settings are (essentially we do not print pocket labels so no fields are defined):

```
Fields to print on Serials checkin pocket label 1:  
<none>  
  
Width of Label: 1 characters (lines wider than this will wrap)  
Height of Label: 8 lines
```

Part Six: Print Serials Labels

- Launch the Print Wizard icon on your desktop (if it doesn't start automatically when you start your computer)
- Log into Millennium Serials
 - Select your label printer: File | Select Printer | Label Printer | Workstation JetDirect
 - Call up the journal to be checked in
 - Go to the checkin card and select the box matching your issue
 - Make sure the Print Labels box is checked on the checkin card
 - Click the Checkin button
 - A label will print with the fields you specified in the Serials Options

Note:

- Serials labels can be printed for specific issues or during check-in. For details, see the Innovative Guide and Reference pages 100434 and 104079.