

# TB0426 Replacement Zebra Printer Setup

This will describe the setup of a replacement Zebra printer after a fault with one on site.

 Difficulty **Medium**

 Duration **10 minute(s)**

## Contents

Introduction

Step 1 - Boot up printer

Step 2 - Place in label reel

Step 3 - Printout 'IP Address' label

Step 4 - Open browser and type in IP Address

Step 5 - Open the homepage

Step 6 - Check parameters

Step 7 - Calibration

Step 8 - TeamViewer

Step 9 - Network Settings and IP Protocol

Step 10 - Re-print parameters

Step 11 - Notes

Comments

## Introduction

 ...This printer is now obsolete. The direct replacement is a ZD620 Click below for instructions on setting the replacement up

[ZD620 Instructions](#)

## Step 1 - Boot up printer

Open box, unwrap printer, plug in power and plug Ethernet connected to network to the printer. As the printer boots up there will be a red light displayed on the front. After around 30 seconds this will turn green as the printer completes boot up.

---

## Step 2 - Place in label reel

Using the latches on the sides, open the printer and place in a label reel as shown in photo. Now ok to close the printer and front roller.



## Step 3 - Printout 'IP Address' label

Hold down the button until the green light flashes once, then release. This should printout 8 labels with various parameters on them, look for the label with 'IP Address' as shown in figure 2.

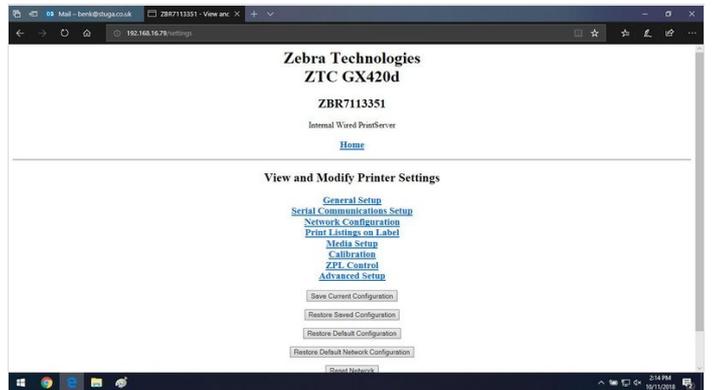
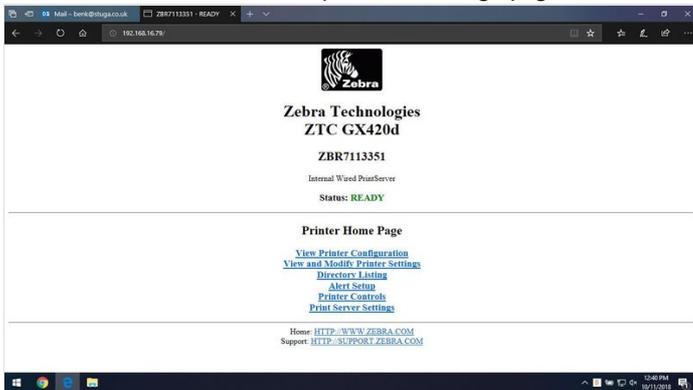


## Step 4 - Open browser and type in IP Address

Open any browser (Microsoft Edge, Chrome, Firefox) and type the IP address on the label into the search bar. IP addresses such as "192.168.016.079" should be typed as "192.168.16.79"

## Step 5 - Open the homepage

This will now open the Zebra Printers home page. From here we can alter all settings required to set up a replacement printer. Click on 'View and Modify Printer Settings'. When prompted for a password type: 1234. This will be the same password whenever prompted again. You will now be on the 'View and Modify Printer Settings' page.



## Step 6 - Check parameters

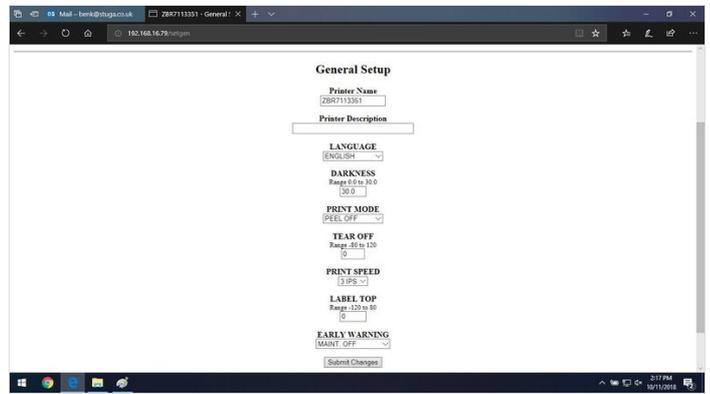
Now go to "General Setup". From here you need to check parameters and change them if needs be.

Darkness: 30

Print Mode: Peel off

Speed: 3IPS

Then save changes.



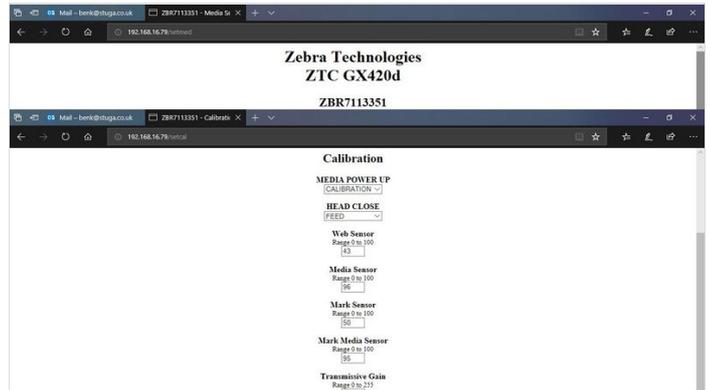
## Step 7 - Calibration

Then go to "Calibration".

Power up: Calibration

Head close: Feed

Save.



## Step 8 - TeamViewer

Using TeamViewer go onto the customer's machine's computer where the printer is to be replaced. There are several ways of archiving this, the most reliable of which is finding the "params.saw" txt file. This will be in the C:\ drive. Open this and find "PrinterIPAddress". This will be the most recent IP address for the printer on their current network. This ensures the printer only needs to be connected to the company's network to operate. (If on an older system see notes)

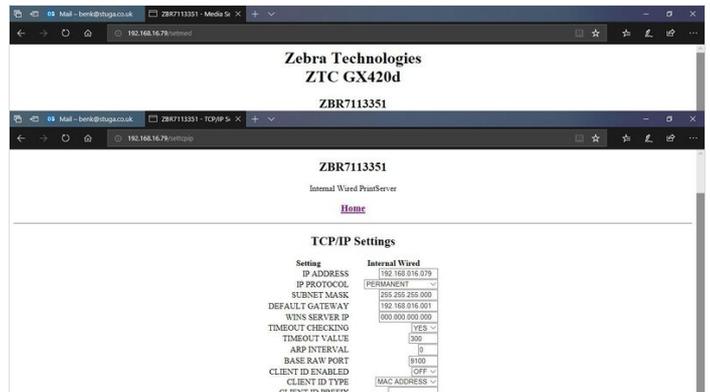
## Step 9 - Network Settings and IP Protocol

Go back onto the "Change and Modify Settings" menu on the printer interface. From here go to "Network Settings" and then to "TCP/IP Settings".

IP Address: (the IP address found in step 9)

IP Protocol: PERMINANT.

Submit changes and save in all menus.



## Step 10 - Re-print parameters

It is now recommended to re-print the parameters (like step 3) and stick the IP section of stickers on the bottom of the printer. Printer is now setup.

Note: when saved you will not be able to alter again as the printer will have the company's IP address. If alteration to parameters a Factory reset would be required. To do this hold down the green button and wait for the light to flash 4 times, then release. The printer will now be reset. Wait till green. Repeat this technical bulletin.

For more information see the zebra GK420d online user guide:

<https://www.zebra.com/content/dam/zebra/manuals/printers/desktop/legacy/gk420d/gk420d-ug-en.pdf>

# Step 11 - Notes

Neuron Old Systems. This applies if the machine has not been upgraded to a more recent system. Printer IP address will be found in an XML file, (Master > ZPL > files) under printer IP address.

Printer On Modes	
With the printer power on and top cover closed, press and hold the Feed button for several seconds. The green main LED will flash a number of times in sequence. The explanation of the right LED's flashes shows what happens when you release the key after the most specific number of flashes and before the next flash sequence starts.	
Flash Sequence	Action
•	<b>Configuration Mode:</b> Prints a default printer configuration status label. The label can be used to verify printing, and prints to conserve consumable configuration maintenance.
•	<b>Standard Media Calibration:</b> The printer prints and sets media type and media length, and it adjusts the media sensor for optimal performance with the standard media (paperweight ZPL, standard, 80). The printer will indicate in the status LED calibration.
•	<b>Thin Client/Server with the Xerox ZPL display printer use the Feed mode to initiate power-up calibration calibration sequence ZPL, standard, 80.</b>
•	<b>Normal Print Configuration:</b> Applies only to printers with serial interface ports.
•	To reset the serial port communication properties, except for Port Control, Press and release the Feed button while the LED rapidly flashes twice and green.
•	For manual recalibration, keep the "Feed" button pressed continuously to the printer while the LED rapidly flashes twice and green. When the printer and laser are synchronized, the LED changes to solid green. While the status LED is flashing, the printer will print a default calibration.
•	<b>Factory Defaults:</b> Resets the printer to the factory default settings (equivalent to ZPL command "F000"). See Appendix C, ZPL Configuration on page 11 for a description of the printer configuration settings and their associated ZPL commands. Some configuration settings are not restored to their "out of the box" settings. Other settings are restored, but cannot be controlled by programming an air reset. This performs a standard media calibration and then a factory default configuration mode.
•	<b>When the printer has entered the Factory Default mode:</b> The status light will turn amber for three (3) seconds. Thereafter, the printer will enter its normal operation. The printer will reset the factory defaults automatically as described above. If the printer is in the Factory Default mode, the factory default mode is not available. If the printer is in the Factory Default mode, the printer will not print. To return the printer to normal operation, press and hold the Feed button for 10 seconds. The printer will return to the normal operation. The printer will print the network factory options-only configuration ZPL command "F000". Releasing the button after the second flash sequence (two flashes) will reset the printer defaults only. Releasing the button after the third flash sequence (three flashes) will reset both printer and network settings (equivalent ZPL command: "F000" and "F001").
•	<b>Print Width Adjustment:</b> Prints a succession of lines marking at the minimum print width and setting the printer's maximum print width to that maximum. Press the Feed button once when the printer has reached the desired maximum print width. Note that the printer driver and application can override this setting.
•	<b>Print Darkness (Density) Adjustment:</b> Prints a succession of bar code resolution patterns during an air reset. The printer will print a series of lines marking at the minimum print width and setting the printer's maximum print width to that maximum. Press the Feed button once when the printer has reached the desired maximum print width. Note that the printer driver and application can override this setting.
•	<b>Standard Media Calibration:</b> The printer can enhance tests to detect and set media type and media length, and then adjust the media sensor for optimal performance with the standard media (paperweight ZPL, standard, 80). Manual calibration is recommended for use with setting pre-printed media, print on the face or if the printer will not correctly auto calibrate. A published media file of the media setting will print. See Manual Calibration on page 16 for more details and considerations.
<b>If the Feed button remains pressed after the Flash sequence cycle finishes, the printer will be in configuration mode when the Feed button is released.</b>	