



A Zebra Technologies White Paper

# ^JU Command Explained - ZPL

## ^JU Command Configurations

The ^JU command is used to set the active configuration for the printer. The format used to send to the printer is as follows:

**'^JUa'**

'a' corresponds to the active configuration and has a total of four accepted values you can choose from. They are as follows:

F = reload factory settings of printer

Example: ^JUF

N = reload factory network settings of printer

Example: ^JUN

R = recall last saved settings

Example: ^JUR

S = save current settings

Example: ^JUS

One of these accepted values must be specified when using the ^JU command.

### Good practice of ^JU command

It is a good practice to use the ^JU command in the following instances:

- ^JUS after entering the ^CM command so that changes are saved to EEPROM.
- ^JUS after using the ~CD command
- ^JUS to permanently save changes when the ^JH command is used
- ^JUS after using the ^WX command

For example:

```
^XA
^CME,B,R,A
^JUS
^XA
```

### Timing Issues

It is also good practice to only send a ^JU command once in a file (as the example above) due to timing issues. There are a few issues which require ^JU commands to be processed separately.

There is a way to avoid any timing issues and still be able to send multiple ^JU commands in one file. The way to do this is to wrap each ^JU command with ^XA and ^XZ.

For example:

```
^XA
^WX04,private
^JUS
^XZ
^XA
^JUF
^XZ
```

## See Also

- For any further information, sample code and solutions or to request further content, visit the [Zebra Developer Portal](#).



## Document Control

Version	Date	Description
1.0	18 <sup>th</sup> January 2013	Initial release
2.0	2 <sup>nd</sup> October 2017	Updated URLs

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