

## KDU Plus – International Character Support

The KDU Plus has associated overlays for International or regional character input on EPL2 based printers when using the appropriate I-command. However, this is not a supported feature within ZPL, so an advanced programmer may wish to build support of extended character entry into their printer by way of the ZPL ^CI-command. For example:

**Syntax:**        ^CI

**p1,p2,p3**

**Parameter:**    **p1** = Character set  
                  **p2** = Decimal value of new character  
                  **p3** = Decimal value of standard (keyboard) character to replaced

**Example;**        ^CI0,225,64

**Result:**        Would replace @ (ASCII Decimal 64) with Œ (ASCII Decimal 225)

An ASCII table or character chart can be used to visually identify the characters and determine their appropriate decimal value for re-mapping purposes.

Microsoft publishes information of character charts that detail both standard (keyboard) characters and extended (International/regional) characters.

<http://office.microsoft.com/en-us/assistance/HA011331361033.aspx?mode=print>

Note<sup>1</sup>. Any re-mapping operation will mean that you would forgo the operation of one character in place of another.

Note<sup>2</sup>. Care should be taken that the re-mapping of characters does not conflict with a format's fixed content.

Note<sup>3</sup>. A typed character will still display the older character in the KDU Plus' LCD. It will however, print according to the re-mapping ZPL script.

An example of a re-mapping script, which would activate at power-on and printed the "new" characters, would be similar to:

```
^XA
^DFE:AUTOEXEC.ZPL
^CI0,160,45
^CI0,130,95
^CI0,161,61
^CI0,162,43
^CI0,163,123
^CI0,36,21
^FO100,50
^A0,N,50,50^FD- _ = + { €^FS
^XZ
```

