

## How to use the Multilingual firmware for CLP 521/621.

All files must be sent to the printer using the Seagull Windows driver. Depending on the driver version, you should go to the “Tools” menu where you will find a “Send File To Printer...” option under the Action button.

Both Printers now support International Symbol sets. However on the CLP 521 you must have a minimum of Version 8 CM000801 firmware installed and on the CLP 621, the first shipping version, CR000200

How to print the new symbol sets

Switch on printer

- a. Download TrueType font to printer.
  - i. The “Arial\_1” and “Times\_1” files are standard Windows TT fonts but with the ‘download font command’ at the beginning.
  - ii. These font files are downloaded to RAM in the printer. They will be lost when the printer is powered off
  - iii. The files can be stored in the on-board flash RAM at a later time. This is just for testing
- b. Send the “ss\_xx.txt” file to the printer, where “xx” is a particular codepage or symbol set required.
  - i. Depending on your language requirement, there will be a number of “ss\_xx.txt” files.
  - ii. You should get a printout of the characters in the correct location in the codepage. If any are wrong, please inform Citizen directly and discuss the situation
- c. You can make your own adjustments to the codepage inside the printer. We provide support for a ‘user defined’ symbol set which is used for test and debugging purposes and also to allow any new symbol set to be created if required.
  - i. The ‘user defined’ symbol set is “u1”.
  - ii. If you send the special file called “xx\_USER\_SS.TXT” to the printer, this creates and defines the symbol set called “u1” based on the UNICODE values of the characters you require.
  - iii. If you then send the file “Print User Symbol Set.TXT”, it will call up the newly defined u1 symbol set and print it out for you.
  - iv. The format of the “xx\_USER\_SS.TXT” is quite simple and can be modified in a text editor:
    1. <STX><ESC>U00000402u1.....
    2. The ..... represents the Unicode value for each character in the 256 characters of the symbol set and would look like “00000001000200030004...” depending on the requirements.
    3. This user symbol set may be required to fix errors in the pre-defined symbol sets for debugging purposes.