

Technical Bulletin

Touch-Screen Programming for ISS45

ISS45-TECH-13:11
May 6, 2013

You may find the attached presentation helpful to understand the programming of menus with the touch-screen facility for ISS45 V8. This can be applied to the menus with DynaKey.

Also, there's a manual available for this function – Retalix may update this manual, but it is largely current: [Keyboard Macro Tool Manual](#).



Enterprise Solutions from Warehouse to Checkout

MenuSys.Mac

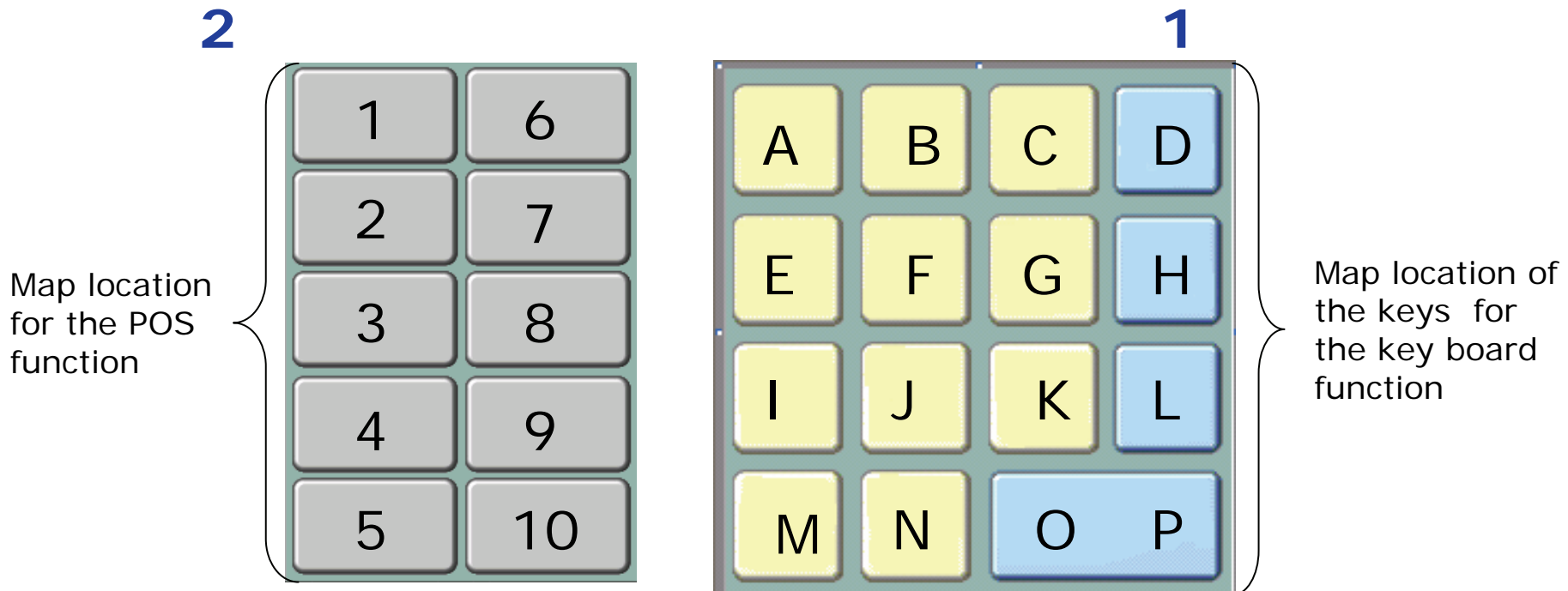
Building the POS menu



What is the MenuSys.mac



- A configuration file for programming and building the POS menu
- In a touch screen POS we can program 2 areas;
 1. Key-pad – using the POS configuration, keyboard functions
 2. Functions menu – using the menusys.mac file to setup the functions touch screen area

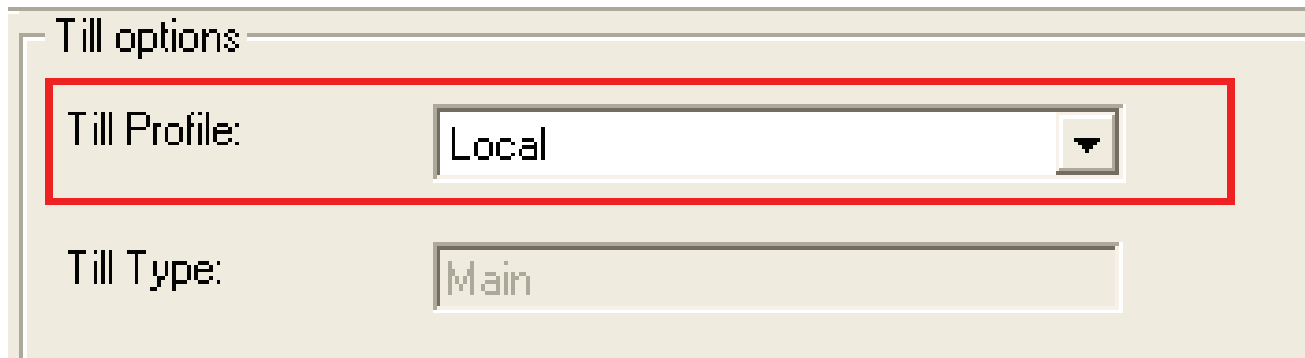




Menusys.mac



- The file is located in the POS following this path:
c:\ program files\ Storeline \winpos
(or in c:\ winpos when using a PIP configuration)
- Use notepad to open the file
- In the folder you might find many files with this name, the StoreLine default configuration will use **menusys-11.mac** the number 11 indicate the position in the of the LOCAL till profile in the pos configuration screen



Till options

Till Profile: Local

Till Type: Main



Editing the Menusys-11.mac



- The file is divided into 3 major parts:
 1. **The version number** – will trigger the upload of a new menu
 2. **The States** – will set the function list and their order
 3. **The functions and Groups** – listing the available option to be used
- Every line that start with `//` the system will ignore



The Version Number



- When wanting to upload a new menu, the version number should be different then the previous
- There is no different if the number is higher or lower then the pervious, as long as it's different
- When ever you finish to change the document, change the version number and re-start the WinPos – the new menu will be loaded

```
Version=V11.8  
//Project=OnGoing  
//Profile=Local  
//Release:8.5.2.0
```

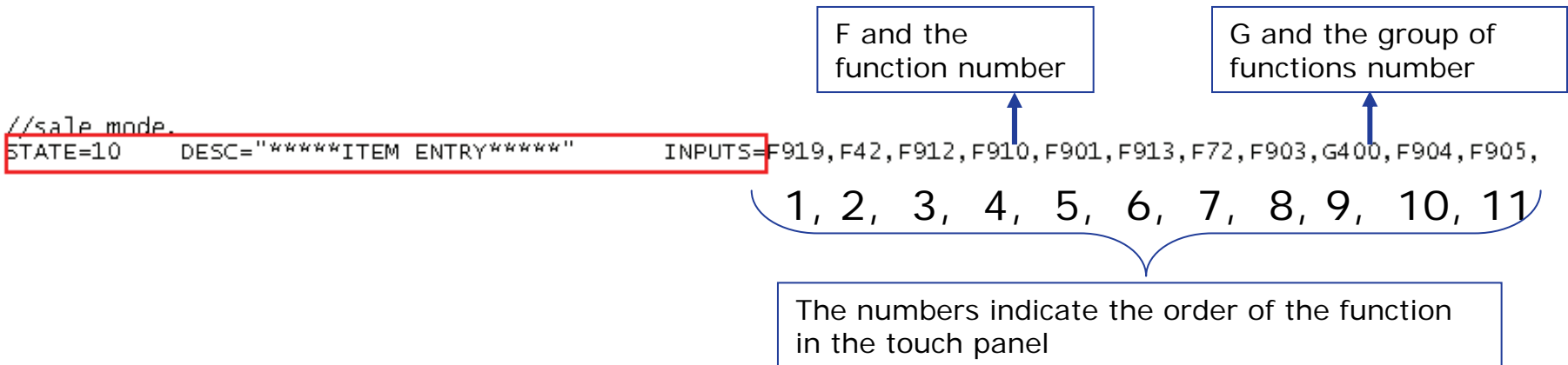




The States



- The states indicated different modes shown on the POS screen. There are 3 main states:
 1. State 10 – Sale Mode – the functions can be used when selling an item
 2. State 20 – Tender Mode – the function can be used when paying for the purchase
 3. State 30 – No Sale Mode – the function can be used before scanning the first item
- The format of the state are the same: the **state number**, **description**, and the **inputs** following the list of available functions in this state
- The list of the existing functions and groups will be in the 3rd part





The Functions



- We look at the functions list to see available operations that can be used in the POS Touch screen
- Function (FCODE) must be linked to the code, user can not add functions
- The description (button text) can be customized or translated

```
// FCODE  
// ----  
FCODE=1      DESC="ARRET PROG. CAISSE"  
FCODE=2      DESC="MENU -->"  
FCODE=13     DESC="Unlock Terminal"  
FCODE=42     DESC="QUANTITE"  
FCODE=62     DESC="TAX EXEMPT ON/OFF"  
FCODE=64     DESC="HIT 1ST, STORE CPN"
```

Functions
number

The POS
description



The Group – Add New



- When wanting to group together one or more functions will use groups. Some of the groups are already include in the system
- Groups can be added by the user and contain:
 1. Functions – from the above (e.g. F806,F908 etc.)
 2. Other groups (a group in a group) (e.g.G300, G393 etc.)
 3. Data – used to link between value and function. For example if I want to create a pre-set button to item 76543. The Value=item number (enter with coma between digits 7,6,5,4,3) and the then you enter the function used for selling item (function=917) – the string will be Data=7,6,5,4,3,917

```
//CASH OFFICE  
GROUP=300      DESC="CASH OFFICE"
```

```
//Tenders  
GROUP=392     DESC="CHEQUE AUTO"  
GROUP=393     DESC="CHEQUE MANUEL"  
GROUP=394     DESC="CHEQUE DIFFERE"
```

INPUTS=F804, F805, F822, F809

DATA=2, 909
DATA=3, 909
DATA=4, 909

INPUTS= list of functions or groups of functions

DATA= this data is for setting up the tenders.
2=tender number 2
909=function number indicates tender



Examples for Groups



- Pre set button for item 6567=Mocachino
Group=409 DESC="Mocachino" DATA=6,5,6,7,917
- Cash Office menu
Group=876 DESC="Cash Office" INPUTS=F804,F805,F822



Translate the Functions



- Before you start to translate, save a copy of the original version
- Translation is a process when you replace the DESC text of the function
- You can keep the original test by using the `//` at the beginning of the function line