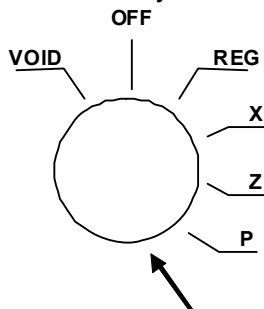


Sam4S ER-52xx/M Series Electronic Cash Register PC Utility User Guide

Before you start...

To connect cash register with PC:

1. Put the key marked with a C on it into your cash register
2. Turn the key to one passed P into S-Mode.




3. Type in 80 press ST button (for serial 1)
Enter **5** press **X/Time** button
Enter **1** press **Cash** button twice
(this sets up your cash register port for pc)

NOTE: This procedure is based on Sam4S ER-52xx/M PC Utility version 3.00d and the Original Icon name is '52XXNEWPC' which has been changed to '52XXNEWPC300d'.

For Installation, please refer to "52xxNew PC Utility Installation Guide.pdf file.

1. Double click the '**52XXNEWPC300d**' icon to run the program.



2. The first window come up is '**STORE SETTING**'. Select the store name that you are about to program. By click  to see the shop list. Then select the store name from the list.

The '**PORT**' section is the serial port on the PC side - the port that the ECR-PC cable '**CAB-E661PC9**' connects with.

Please find out your port number from Windows Device Manager - this may require more Windows Managing knowledge. Use the smallest COM number you can get.

To identify your '**MODEL**', please check the model name on your cash register. Or, '**ER-5200**' is the 160 key flat keyboard version; '**ER-5240**' is the 90 key raised keyboard version and '**ER-5215**' is the 60 key raised keyboard version.

It is recommended setting the '**BAUDRATE**' as **9600** - the default baud rate on the machine.

Only tick '**USE MODEN**' when the connection is remote. The '**PHONE NUMBER**' box will light up after this option is ticked for entering the dial-up phone number.

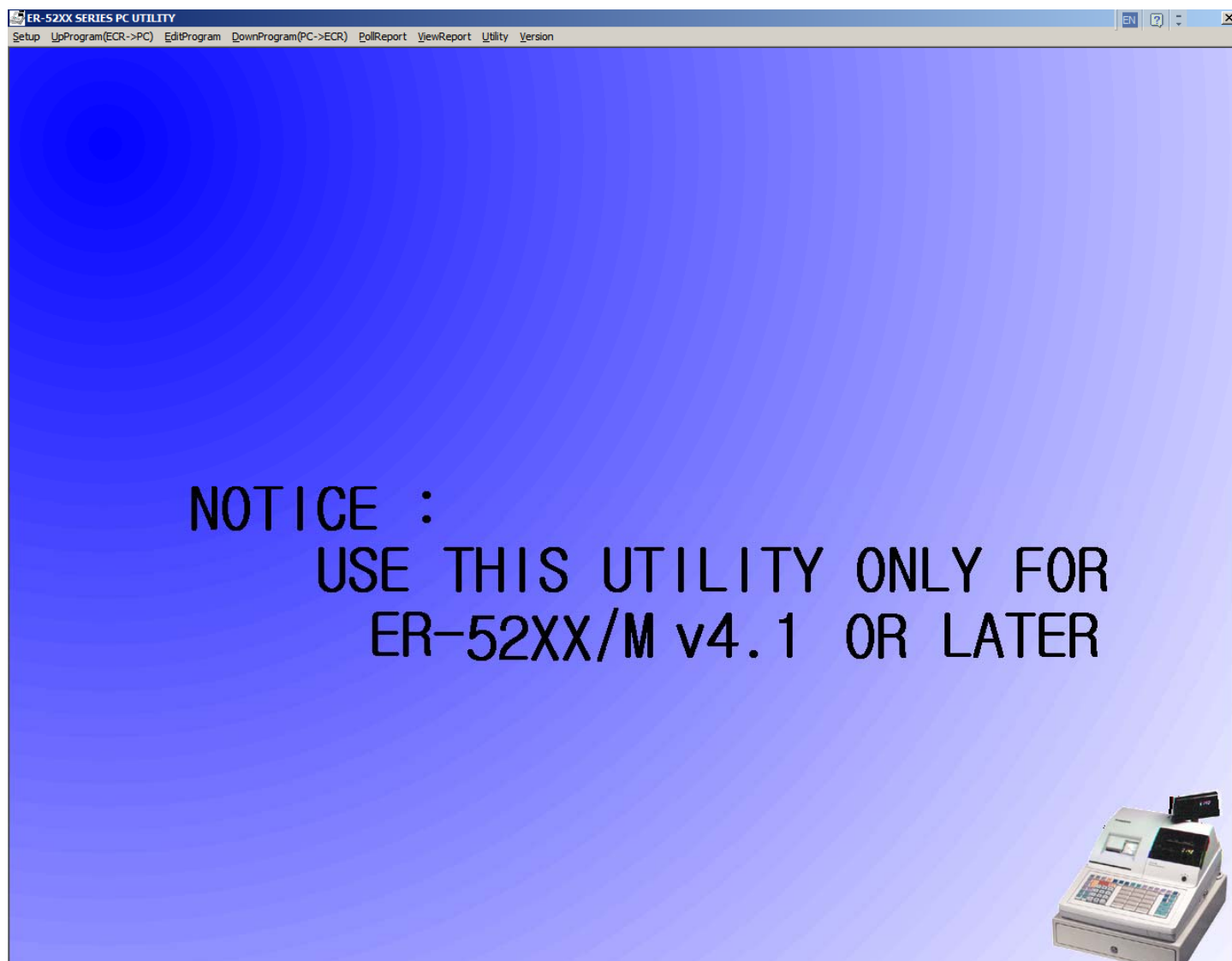
When all of the options have been set, click '**CLOSE**' (in some cases is '**OK**' or '**GO**') bottom to go to next step.

3. The main screen of the PC Utility looks like below. At centre of the main screen, the 'NOTICE' indicates the suitable EPROM version in the machine with this PC Utility. Please check the EPROM version before goes any further.

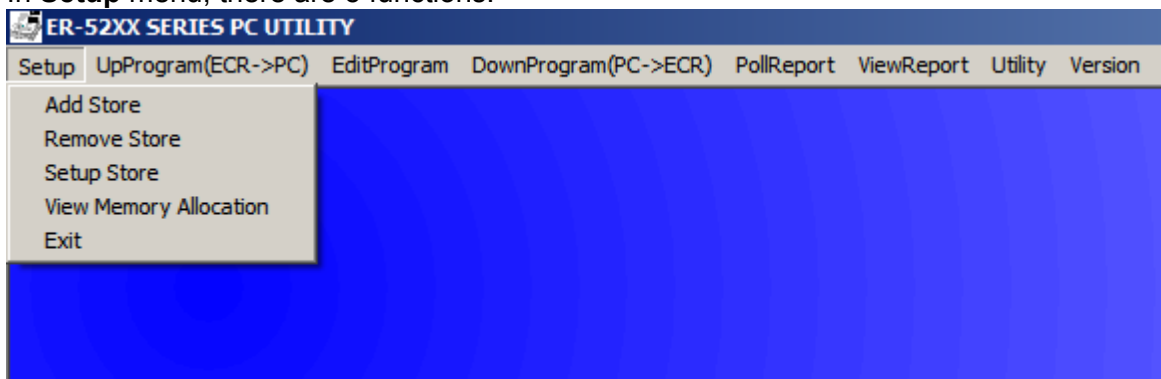
Note:

You will need a C-key to go to S-Mode.

Key in **5** **0** **SBTL** then wait the docket to be printed from receipt printer and find out the version.



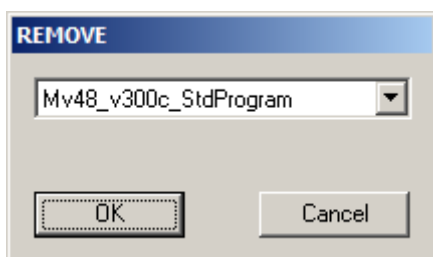
4. In **Setup** menu, there are 5 functions.




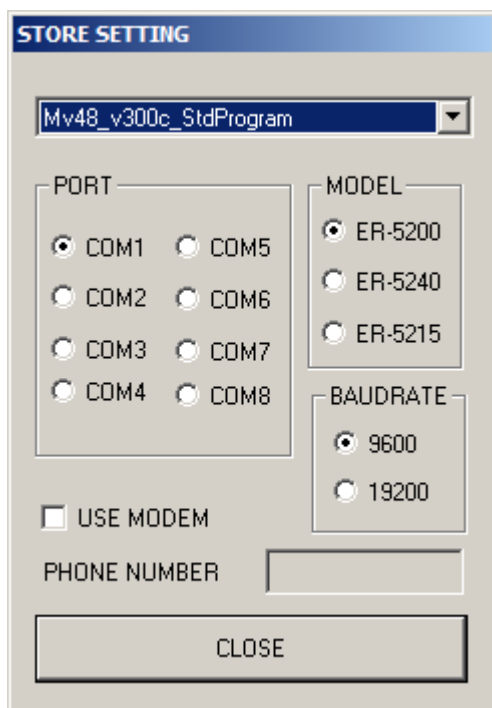
For '**Add Store**' function, the '**ADD STORE**' window pops up. Enter the store name into the box. Then click '**OK**' to create or '**CANCEL**' to cancel.

Note:

- a) ' ' (space) and '-' (minus) is not allowed to use in any part of store name.
- b) It is recommend to add version of EPROM and PC Utility in the store name for tracing back. For example: 'xV52_V300d_GoodsonImports' or 'mV53_v300d_GoodsonImports'. 'x' for *ER-52xx series* and 'm' for *ER-52xxM series*; '**V52**' & '**V53**' for *EPROM version* in the cash register; and '**V300d**' is the *version of the PC Utility*.



For '**Remove Store**' the '**REMOVE**' window pops up. Select the store name of the store that you want to remove by click  then choose from drop down list. Then click '**OK**' to remove or '**CANCEL**' to cancel.



STORE SETTING

Mv48_v300c_StdProgram

PORT

☒ COM1 ☐ COM5
☐ COM2 ☐ COM6
☐ COM3 ☐ COM7
☐ COM4 ☐ COM8

MODEL

☒ ER-5200
☐ ER-5240
☐ ER-5215

BAUDRATE

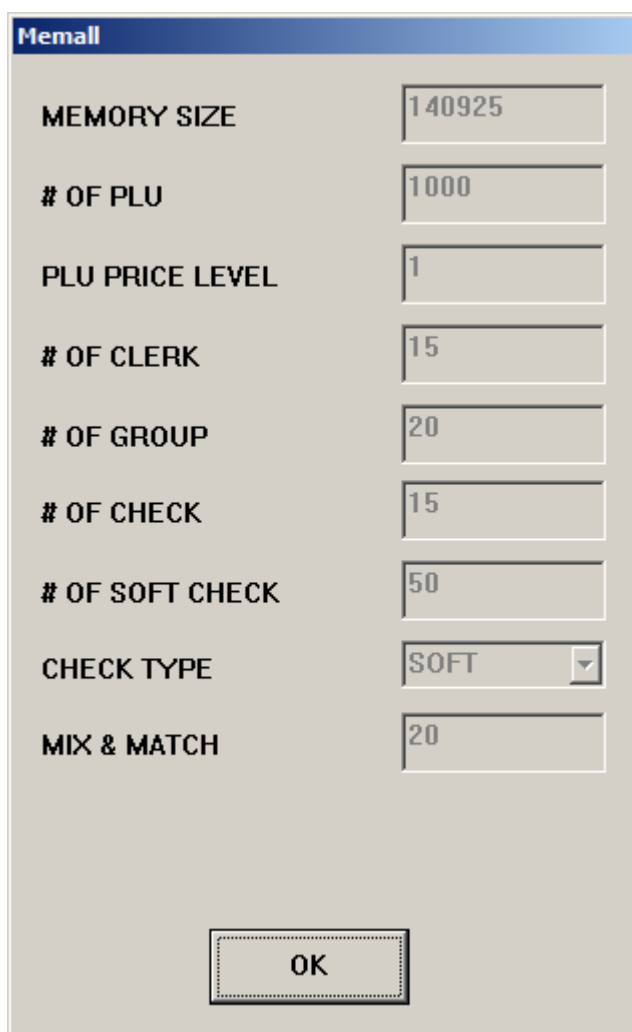
☒ 9600
☐ 19200

☐ USE MODEM

PHONE NUMBER

CLOSE

'Setup Store' will bring up 'STORE SETTING' window. Please refer to **Step 2**.



Memall

MEMORY SIZE 140925

OF PLU 1000

PLU PRICE LEVEL 1

OF CLERK 15

OF GROUP 20

OF CHECK 15

OF SOFT CHECK 50

CHECK TYPE SOFT

MIX & MATCH 20

OK

'View Memory Allocation' will bring up 'Memall' window. This **ONLY** allows you to check the memory allocation configuration of the program for changing the memory allocation on the cash register.

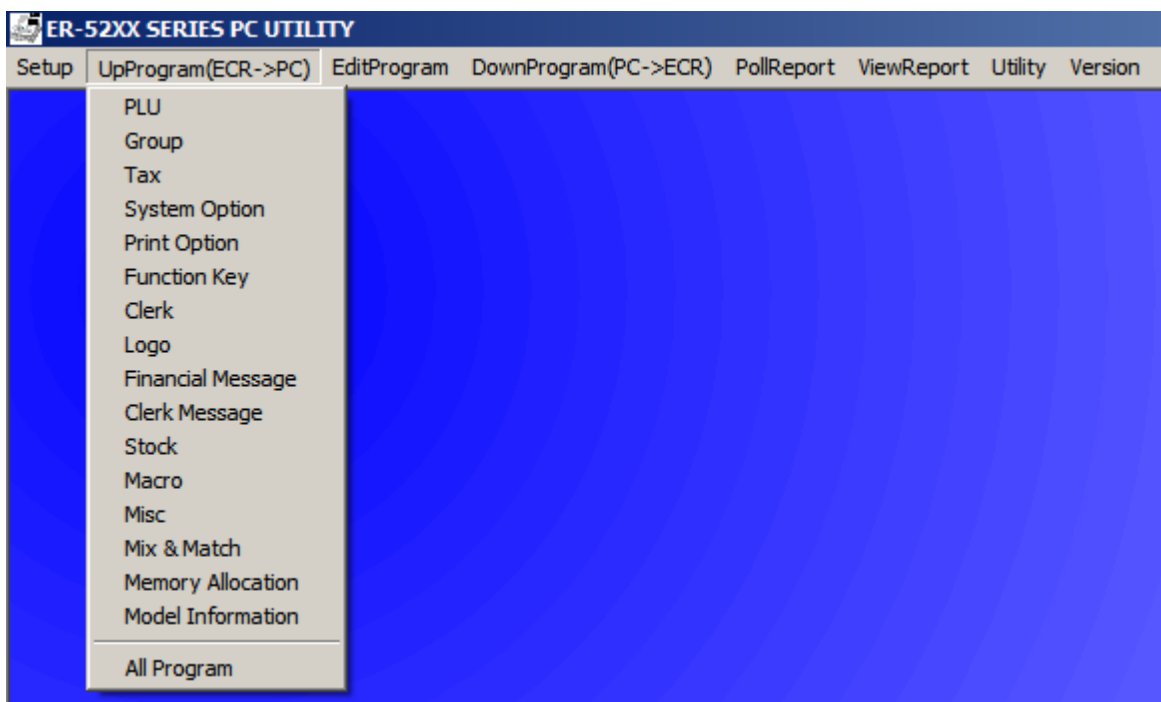
Note:

- C-key is needed to go to S-Mode.
- Press **6 0 SBTL CASH** to print the memory allocation of the machine.
- It is unavailable to change the memory allocation from the machine. Please change memory allocation from cash register itself.
- Please refer to '**Service Mode Programming**' on the '**Operation and Program Manual**'.

5. The **UpProgram(ECR->PC)** allows upload program with preset data from cash register to PC. For a brand new machine or a machine right after RAM All Clear, **please do uploading 'All Program' in order to send a full set of program to PC**. Upload individual item by selecting each of them is also available afterward.

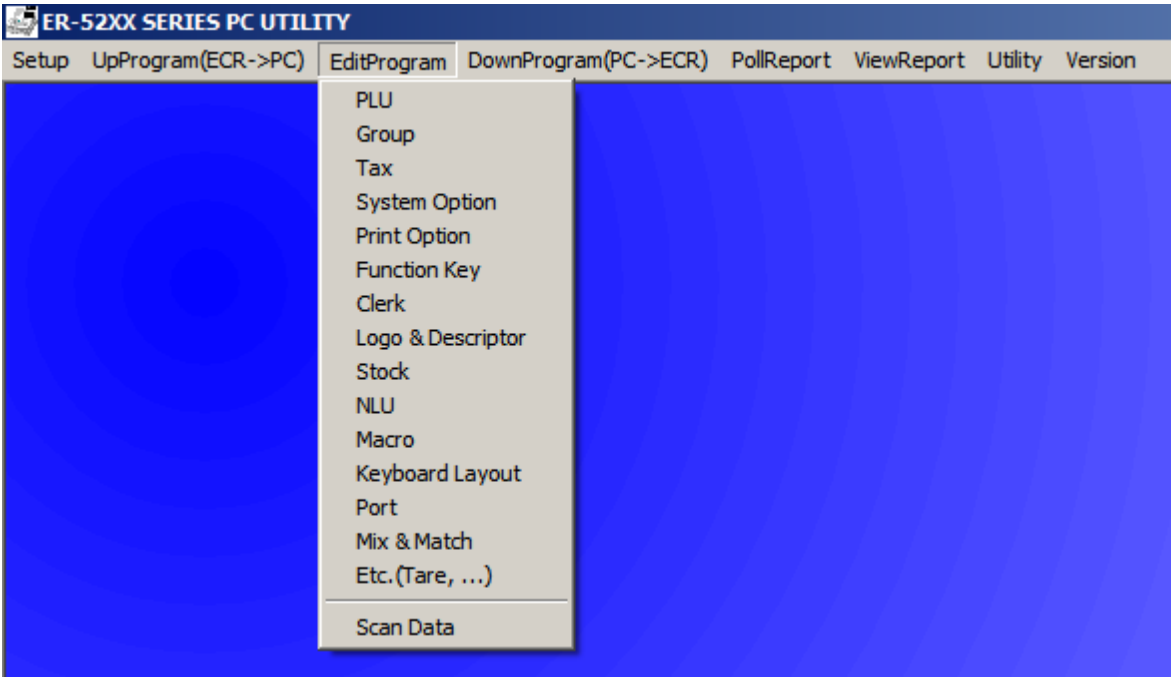
Note:

- a) PC Utility is software that provides a PC interface to program a cash register, there is no program included. A clean program uploads from cash register after RAM All Clear (and setup the Memory Allocation) guarantees a complete set of program for programming.
- b) If **'REGISTER NOT READY'** message come up, please check the port setting on the Cash Register, or If there is any clerk is login, or maybe faulty cable.



6. The **'EditProgram'** is the main function to add/modify the program.

Note: It is recommend the program is fresh uploaded from cash register as the machine has just been RAM All Clear-ed.



PROGRAMMING PLU - Right click to delete an item.

CODE	DESCRIPTOR	PRICE1
00000000000001	PLU1	4.00
00000000000002	PLU2	0.00
00000000000003	PLU3	0.00
00000000000004	PLU4	0.00
00000000000005	PLU5	0.00
00000000000006	PLU6	0.00
00000000000007	PLU7	0.00
00000000000008	PLU8	0.00
00000000000009	PLU9	0.00
00000000000010	PLU10	0.00
00000000000011	PLU11	0.00
00000000000012	PLU12	0.00
00000000000013	PLU13	0.00
00000000000014	PLU14	0.00
00000000000015	PLU15	0.00
00000000000016	PLU16	0.00
00000000000017	PLU17	0.00
00000000000018	PLU18	0.00
00000000000019	PLU19	0.00
00000000000020	PLU20	0.00
00000000000021	PLU21	0.00
00000000000022	PLU22	0.00
00000000000023	PLU23	0.00
00000000000024	PLU24	0.00
00000000000025	PLU25	0.00
00000000000026	PLU26	0.00
00000000000027	PLU27	0.00
00000000000028	PLU28	0.00
00000000000029	PLU29	0.00
00000000000030	PLU30	0.00
00000000000031	PLU31	0.00
00000000000032	PLU32	0.00
00000000000033	PLU33	0.00
00000000000034	PLU34	0.00
00000000000035	PLU35	0.00
00000000000036	PLU36	0.00
00000000000037	PLU37	0.00
00000000000038	PLU38	0.00

TOTAL PLU#: 117

PLU CODE:

DESCRIPTOR:

GROUP:

PRICE1:

PRICE2:

PRESET ☐ PRESET OVERRIDE ☐

TAXABLE BY: ☐ 1 ☐ 2 ☐ 3 ☐ 4

FOOD STAMP ELIGIBLE ☐ NEGATIVE ITEM ☐

HASH ITEM ☐ SINGLE ITEM ☐

NON ADD # COMP. ☐ GALLONAGE ITEM ☐

INVENTORY ITEM ☐ DISABLE ☐

SCALABLE ☐ AUTO SCALE ☐

CONDIMENT ITEM ☐ CONDIMENT COMP. ☐

PRINT ON RECEIPT ☐ PRINT ON CHECK ☐

PRINT ON JOURNAL ☐ PRINT PRICE ON RECEIPT ☐ PRINT PRICE ON CHECK ☐

DISABLE PROMO ☐ COUNTER NOT RESET ☐

PRESET OVERRIDE IN MGR MODE ☐

LINK PLU CODE:

AUTO TARE:

MIX & MATCH #:

EXIT

SAVE

CANCEL

PLU: Stand for **P**rice **L**ook **U**p. Which store the item name, price... and so on.

Click '**EditProgram → PLU**', '**PROGRAMMING PLU – Right click to delete an item**' window will show like above. In this program, click the PLU is going to be programmed on the LHS PLU list. The PLU's data will appear on the RHS fields. After all field is modified, click '**SAVE**' bottom first before click next PLU on the LHS PLU list.

This section covers PLU programs in **PLU Programming** on the **Operation and Program Manual** includes:

- Program 100 - PLU Status Programming
- Program 110 - PLU Auto Tare Programming
- Program 150 - PLU Group Assignment Programming
- Program 200 - PLU Price/HALO Programming
- Program 300 - PLU Description Programming
- Program 350 - PLU Link Programming
- Program 400 - PLU Delete Programming
- Program 450 - PLU Mix & Match Programming

#	DESCRIPTOR
1	GROUP 1
2	GROUP 2
3	GROUP 3
4	GROUP 4
5	GROUP 5
6	GROUP 6
7	GROUP 7
8	GROUP 8
9	GROUP 9
10	GROUP 10
11	GROUP 11
12	GROUP 12
13	GROUP 13
14	GROUP 14
15	GROUP 15
16	GROUP 16
17	GROUP 17
18	GROUP 18
19	GROUP 19
20	GROUP 20

GROUP 1

DESCRIPTOR

☒ ADD TO GROUP TOTAL

☐ SEND TO KP

KP PORT

☐ PORT 1 ☐ PORT 2

☐ RECEIPT

☐ PRINT RED ON KP

SAVE

CANCEL

Click '**EditProgram → Group**', '**GROUP**' window will show like above. In this program, click the GROUP is going to be programmed on the LHS group list. The Group's data will appear on the RHS fields. When '**SEND TO KP**' is ticked, '**KP PORT**' and '**PRINT RED ON KP**' sections will light up for selecting. After all fields are modified, click '**SAVE**' bottom first before click next group on the LHS group list.

This section covers Group programs in **Group Programming** on the **Operation and Program Manual** includes:

Program 900 - Group Status Programming

Program 910 - Group Description Programming

TAX

GST

☐ ADD ON ☒ VAT

RATE

GST TAXTABLE

☐ TAX 1 ☐ TAX 2

☐ TAX 3

SAVE

CANCEL

TAX

GST

GST
TAX2
TAX3
TAX4

☐ ADD ON ☒ VAT

RATE


GST TAXTABLE

☐ TAX 1 ☐ TAX 2

☐ TAX 3


SAVE

CANCEL

Click '**EditProgram → Tax**', '**Tax**' window will show like above on the left. By click  to select one out of four Taxes on the List.

This section covers Tax program in **Tax Programming** on the **Operation and Program Manual** but exclude 'Descriptor - Program 80 in **Program Mode**'(please refer to 'EditProgram → Function Key').

SystemOption			
<input checked="" type="checkbox"/> Beeper Active	<input type="checkbox"/> Real Clerk Key	% And Tax cal.	Round up at 0.5C
Clerk Entry	Push	Split Price Calculation	Round up at 0.5C
Clerk is	Stay down	<input type="checkbox"/> Comp. Eat-In T-Out D-Thru before Tender	
<input checked="" type="checkbox"/> Drawer need to be shut to operate		Hash is	Normal
<input type="checkbox"/> Activate Drawer open alarm		Reset Z counter After Z1 report	
Seconds to allow Drawer open (1-99)	30	<input type="checkbox"/> Finan. Rpt	<input type="checkbox"/> Time Rpt.
<input type="checkbox"/> Allow Post Tender		<input type="checkbox"/> PLU Rpt.	<input type="checkbox"/> Clerk Rpt
<input checked="" type="checkbox"/> Open Drawer on Post Tender		<input type="checkbox"/> Group Rpt.	
<input checked="" type="checkbox"/> Allow Multiple Receipts		Reset Z counter After Z2 report	
<input type="checkbox"/> Cash Declaration Req.		<input type="checkbox"/> Daily Sales Report	
<input type="checkbox"/> Reset Transaction No. on Z report		<input checked="" type="checkbox"/> Printer Paper Sensor Active	
<input type="checkbox"/> MGR Control to Tend Neg. Balance		<input type="checkbox"/> Deactivate Split Pricing	
<input type="checkbox"/> MGR Control to Tend Zero Balance		<input type="checkbox"/> Allow Direct Mult	
<input type="checkbox"/> Reset Grand Total after Z report		Inventory Count Program	Counter Replace Curr. Lvl
<input checked="" type="checkbox"/> Open Drawer When reports run		Global Entry Limit (0-14)	0
<input checked="" type="checkbox"/> Open Drawer during train Mode		<input type="checkbox"/> Direct mult More than one digit	
Decimal Place	2	Tender Validation	AMT of sale
Date Format	DMY	<input type="checkbox"/> Display add price of linked items	
<input type="checkbox"/> ALLOW NEW ZEALAND ROUND ON SUBL			
<input type="checkbox"/> ALLOW NEW ZEALAND ROUND ON CASH			
		SAVE	
		CANCEL	

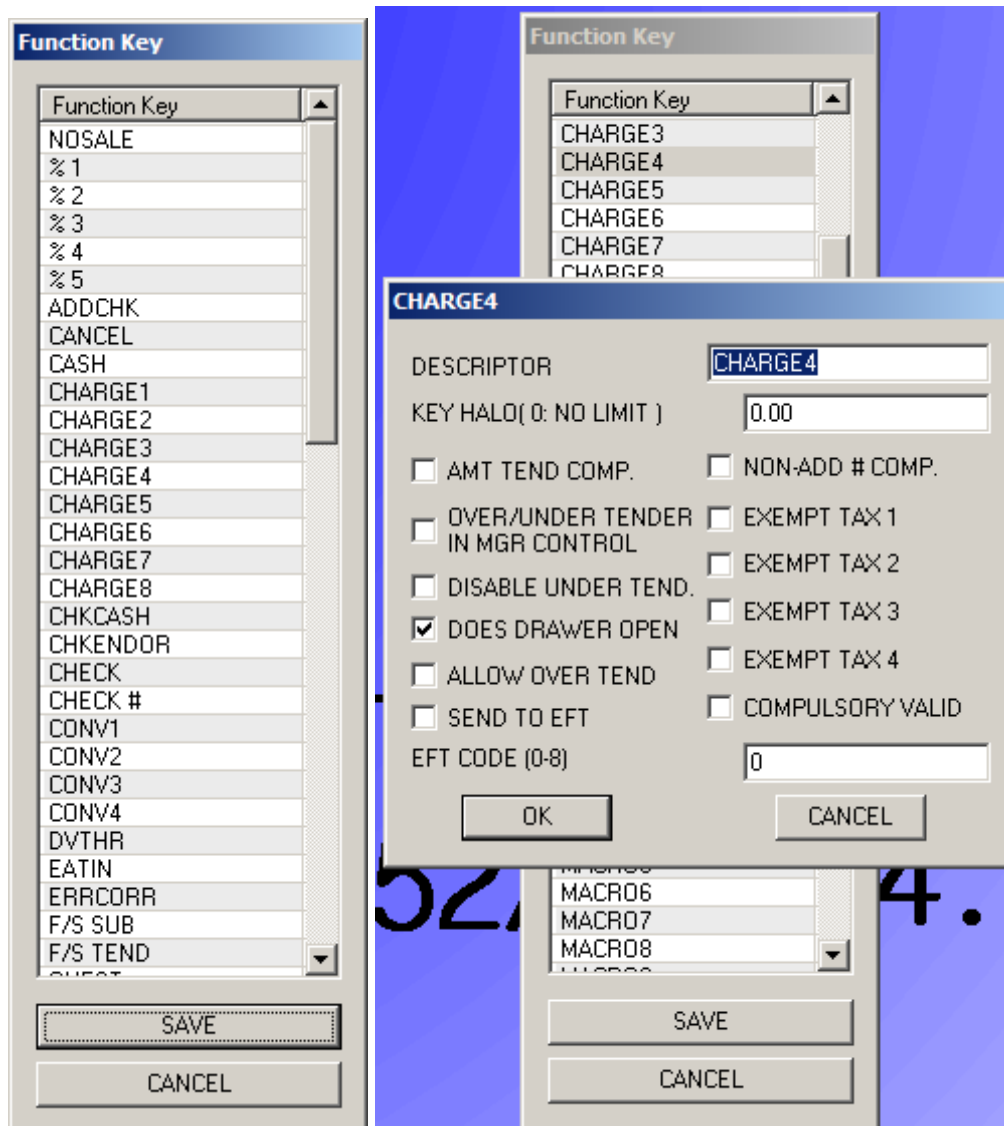
Click '**EditProgram** → **System Option**', '**SystemOption**' window will show like above. By click on  to select one of the options on the drop down list.

This section covers **System Option Programming** in **Program Mode** on the **Operation and Program Manual**. Please refer to the manual for detail.

PRINT OPTION		
<input type="checkbox"/> Print Media Totals on Clerk Report	Tax Amount Is <input type="text" value="ITEMIZE"/>	<input type="checkbox"/> Print Pre/Postamble on Journal
<input checked="" type="checkbox"/> Print Tax Symbol	<input checked="" type="checkbox"/> Print Tax Amount	<input checked="" type="checkbox"/> AVG Item / Cust <input checked="" type="checkbox"/> AVG \$ / Cust
<input checked="" type="checkbox"/> Print VD Mode and Return on Rpt.	<input type="checkbox"/> Print Taxable total	<input checked="" type="checkbox"/> Buffer Receipt issue when Rec is on
<input type="checkbox"/> Print Audaction on Report	<input type="checkbox"/> Print Tax Rate	<input type="checkbox"/> Priority Print by Group on KP
<input checked="" type="checkbox"/> Skip Zero Totals on Financial Rpt.	<input type="checkbox"/> VAT Breakdown	<input type="checkbox"/> Print PLU # on Receipt
<input checked="" type="checkbox"/> Skip Zero Totals on Clerk Report	<input type="checkbox"/> Print Train mode title in Trainig Mode	<input type="checkbox"/> Not Print when Polling Reports
<input type="checkbox"/> Print Clerk Report After Fianan. Rpt		<input type="checkbox"/> Print PLU # on PLU Reports
<input type="checkbox"/> Print Sale Item No.	Currency Symbol	Grand Total Is <input type="text" value="GROSS"/>
<input type="checkbox"/> Print PLU with Zero Totals on Rpt.	Conv # 1 <input type="text"/>	<input type="checkbox"/> Send Order to KP at Subtotal
<input type="checkbox"/> Print Subtotal when pressed	Conv # 2 <input type="text"/>	<input type="checkbox"/> Print Date on SERV on Hard Check
<input type="checkbox"/> Print % of sales on PLU Report	Conv # 3 <input type="text"/>	<input checked="" type="checkbox"/> Journal is Small
<input checked="" type="checkbox"/> Print Cons.No.	Conv # 4 <input type="text"/>	<input type="checkbox"/> Journal is Reverse <input type="checkbox"/> Journal is Off
<input checked="" type="checkbox"/> Print Date <input checked="" type="checkbox"/> Print Time		<input type="checkbox"/> Pre-Pm Graphic Logo
<input checked="" type="checkbox"/> Print Machine No.	<input checked="" type="checkbox"/> Print KP Order # on Receipt	<input type="checkbox"/> Post-Pm Graphic Logo
<input checked="" type="checkbox"/> Print Clerk Name	<input type="checkbox"/> Print Price on KP	<input checked="" type="checkbox"/> Pre-Printing Logo is Default on Receipt
Home Currency Symbol <input type="text" value="\$"/>	<input checked="" type="checkbox"/> Send to KP in VOID MODE	<input checked="" type="checkbox"/> Post-Printing Logo is Default on Reciept
<input checked="" type="checkbox"/> Print Z Counter	<input type="checkbox"/> Send to KP in TRAIN MODE	<input type="checkbox"/> Pre Pm Graphic Logo on Guest Check
<input checked="" type="checkbox"/> Print Receipt when Sign On/Off	<input checked="" type="checkbox"/> Combine like Items on KP	<input type="checkbox"/> Pre Post Graphic Logo on Guest Check
Print Grand total	<input checked="" type="checkbox"/> Consolidation on Check Track	Edit Pre Feeding Line (0-5) <input type="text" value="0"/>
<input checked="" type="checkbox"/> On X Repor <input checked="" type="checkbox"/> On Z Report	Volume Unit <input type="text" value="GAL"/>	Edit End Feeding Line (0-5) <input type="text" value="0"/>
Print Gross total	<input checked="" type="checkbox"/> Print Preamble Message on Receipt	<input type="checkbox"/> Print Round Amount on KP
<input checked="" type="checkbox"/> On X Repor <input checked="" type="checkbox"/> On Z Report	<input checked="" type="checkbox"/> Print Postamble Message on Receipt	<input type="checkbox"/> PRINT CHECK# LINE ON THE GUEST CHECK
<input type="checkbox"/> Print Subtotal Without Tax	<input type="checkbox"/> Print Preamble on the Guest Check	
	<input type="checkbox"/> Print Postamble on the Guest Check	
<input type="button" value="SAVE"/>		<input type="button" value="CANCEL"/>

Click 'EditProgram → Print Option', 'PRINT OPTION' window will show like above. By click on to select one of the options on the drop down list.

This section covers **Print Option Programming** in **Program Mode** on the **Operation and Program Manual**. Please refer to the manual for detail.



Click '**EditProgram** → **Function Key**', '**Function Key**' window will show like above on the left. Scroll Up and Down and find out the function key that you would like to program. To Program a function key, simply just click on the name on the list, the window of that function key will pop up (in this example, '**CHARGE4**' is clicked and '**CHARGE4**' window pop up). Click '**OK**' bottom to save the change and '**CANCEL**' if discard the change.

This section covers **Function Key Programming** in **Program Mode** on the **Operation and Program Manual** includes:

Program 70 - Function Key Option

Program 80 - Function Key Descriptor

Program 90 - Function Key HALO

Please refer to that section for the detail.

#	DESCRIPTOR
1	CLERK 1
2	CLERK 2
3	CLERK 3
4	CLERK 4
5	CLERK 5
6	CLERK 6
7	CLERK 7
8	CLERK 8
9	CLERK 9
10	CLERK 10
11	CLERK 11
12	CLERK 12
13	CLERK 13
14	CLERK 14
15	CLERK 15

CLERK 1

DESCRIPTOR

CLERK CODE

☐ TRAIN CLERK

DRAWER ASSIGN (0-2)

Click '**EditProgram** → **Clerk**', '**CLERK**' window will show like above. In this program, click the CLERK is going to be programmed on the LHS clerk list. The Clerk's data will appear on the RHS fields. After all fields are modified, click '**SAVE**' bottom first before click next clerk on the LHS clerk list.

This section covers Group programs in **Group Programming** on the **Operation and Program Manual** includes:

Program 800 - Secret Code Programming
Program 801 - Drawer Assignment & Training Clerk
Program 810 - Clerk Description Programming
Please refer to that section for the detail.

The screenshot shows the 'LogoDesc' window with the following sections:

- PREAMBLE:** Five empty text input fields.
- POSTAMBLE:** Five empty text input fields.
- ENDORSEMENT MSG:** Five empty text input fields.
- FINANCIAL REP MSG:** A dropdown menu showing a list of messages including '+PLU TTL', 'FINANCIAL REP.', '+PLU TTL', '-PLU TTL', 'ADJST TTL', 'NONTAX', 'GST SALES', 'TAX2 SALES', 'TAX3 SALES', 'TAX4 SALES', 'GST', 'TAX2', 'TAX3', 'TAX4', 'XMPT1 SALES', 'XMPT2 SALES', 'XMPT3 SALES', 'XMPT4 SALES', 'EATIN TTL', 'TAKEOUT TTL', 'DRTHRU TTL', '% 1', '% 2', '% 3', '% 4', '% 5', 'NET SALE', and 'CREDIT GST'.
- CLERK REP MSG:** A dropdown menu showing a list of messages including 'NET SALE', 'CLERK REP.', 'NET SALE', 'NONTAX', 'GST SALES', 'TAX2 SALES', 'TAX3 SALES', 'TAX4 SALES', 'GST', 'TAX2', 'TAX3', 'TAX4', 'XMPT1 SALES', 'XMPT2 SALES', 'XMPT3 SALES', 'XMPT4 SALES', 'EATIN TTL', 'TAKEOUT TTL', 'DRTHRU TTL', '% 1', '% 2', '% 3', '% 4', '% 5', 'CREDIT GST', 'CREDIT TAX2', 'CREDIT TAX3', and 'CREDIT TAX4'.

At the bottom of the window are two buttons: 'SAVE' and 'CANCEL'.

Click '**EditProgram** → **Logo & Descriptor**', '**LogoDesc**' window will show like above. For '**PREAMBLE**', '**POSTAMBLE**' & '**ENDORSEMENT MSG**' parts, type the name you like into each field.* For '**FINANCIAL REP MSG**' & '**CLERK REP MSG**' parts, click on the message that is going to be changed, the field on top will change to that message. Modify the message, then press '**ENTER**' key on your PC keyboard will change the message. Always click '**SAVE**' to save the change or '**CANCEL**' to discard the modification.

Note:

- Each field represent one line on the receipt. Each line is able to carry 32 spaces/symbols/characters.
- Use '~'(tilde) in front of a space/symbol/character will make it double size – use 2 spaces.
- The field left blank will not print and leave a blank line on the receipt.

This section covers Group programs in **Group Programming** on the **Operation and Program Manual** includes:

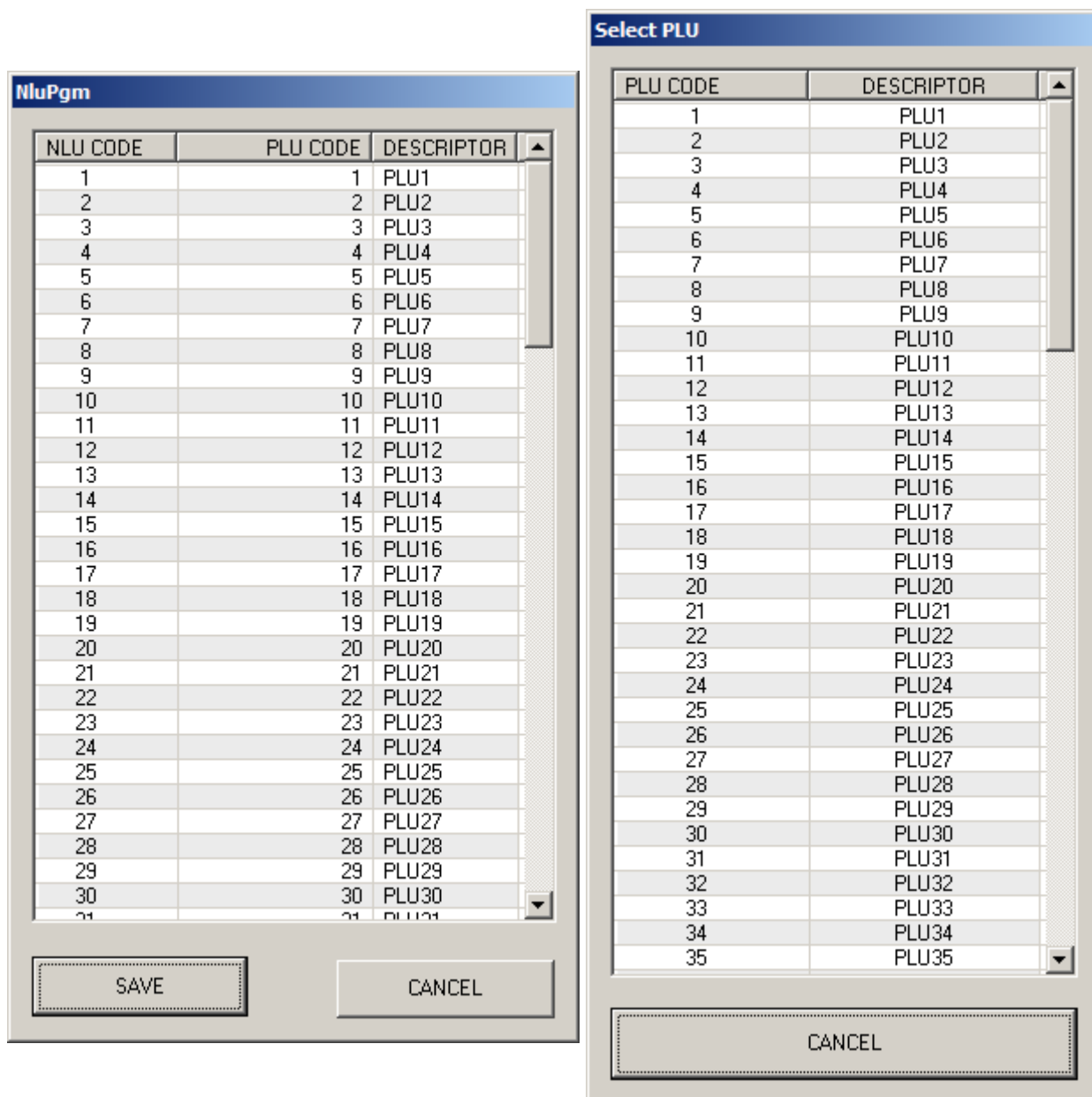
Program 700 - Logo Description Programming
 Program 701 - Financial Report Message Programming
 Program 710 - Clerk Report Message Programming
 Please refer to that section for the detail.

[illegible]

Click '**EditProgram → Stock**', '**PLUStock(Press Enter Key to save stock amount)**' window will show like above. Enter the PLU number on the '**PLU CODE**' field and quantity on the '**QUANTITY**' field, then press '**ENTER**' key on the **PC keyboard** to **SAVE** the record follow up with clicking '**EXIT**' to save the record, '**CANCEL**' to **exit** this PLU Stock programming, '**CLEAR ALL**' will clear out the quantity of all PLU on the list.

Note:

- When add quantity into 'QUANTITY' field, if the quantity is 25, the number input is **2500** and it will be changed to **25.00** after press 'ENTER' key.
- This function is working only if the PLU nominated on the list has also been set 'INVENTORY ITEM' in 'EditProgram → PLU' programming.
- This section covers PLU program in **PLU Programming** on the **Operation and Program Manual: Program 250 - PLU Stock Amount Programming**



NLU: Stand for **Number Look Up**, means those so called 'PLU keys' on the cash register keyboard. When a machine is just done RAM All Clear, the NLU1 key is preset linking to PLU1, NLU2 to PLU2... Therefore, in most cases, NLU keys on the keyboard are simply called 'PLU' keys. In this NLU programming, showing the capability of assigning different PLU link to a NLU key.

Click '**EditProgram** → **NLU**', '**NluPgm**' window will show like above on the left. To program a NLU, simply just click a NLU on the NLU list. The '**Select PLU**' window will pop up like the on above on the right. Select a new PLU that will like to the NLU bottom and 'Select PLU' window will disappear.

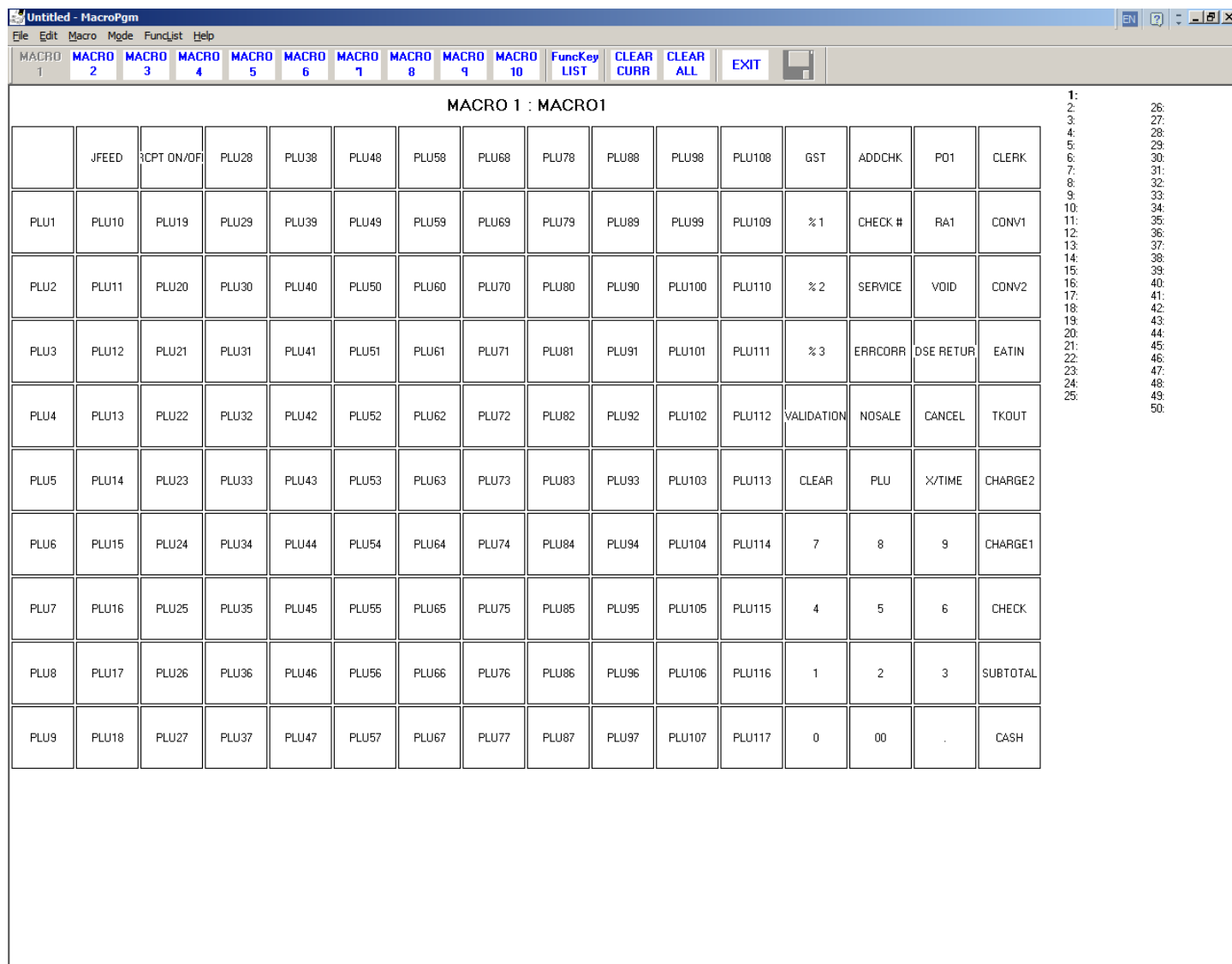
For example, NLU8 is about to link to a new PLU - PLU23. Click NLU8 on 'NluPgm' window then click PLU23 on 'Select PLU' window. The result is on following page.

NluPgm

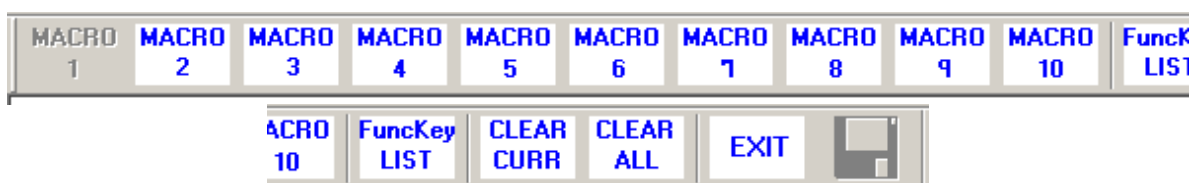
NLU CODE	PLU CODE	DESCRIPTOR
1	1	PLU1
2	2	PLU2
3	3	PLU3
4	4	PLU4
5	5	PLU5
6	6	PLU6
7	7	PLU7
8	23	PLU23
9	9	PLU9
10	10	PLU10
11	11	PLU11
12	12	PLU12
13	13	PLU13
14	14	PLU14
15	15	PLU15
16	16	PLU16
17	17	PLU17
18	18	PLU18
19	19	PLU19
20	20	PLU20
21	21	PLU21
22	22	PLU22
23	23	PLU23
24	24	PLU24
25	25	PLU25
26	26	PLU26
27	27	PLU27
28	28	PLU28
29	29	PLU29
30	30	PLU30
31	31	PLU31

SAVE CANCEL

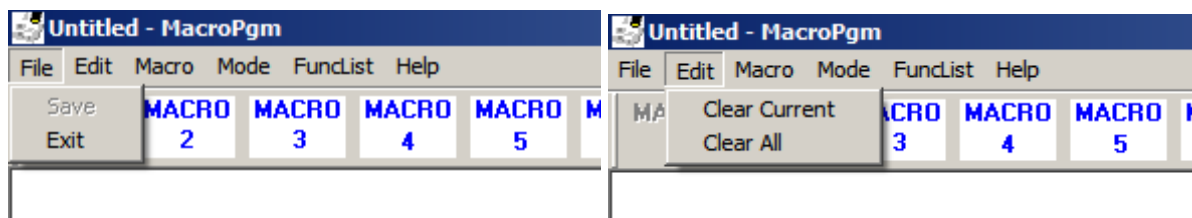
This section covers **Miscellaneous Programming** section on the **Operation and Program Manual**. Please refer to the manual for detail.
Program 1000 - NLU Code Number Programming



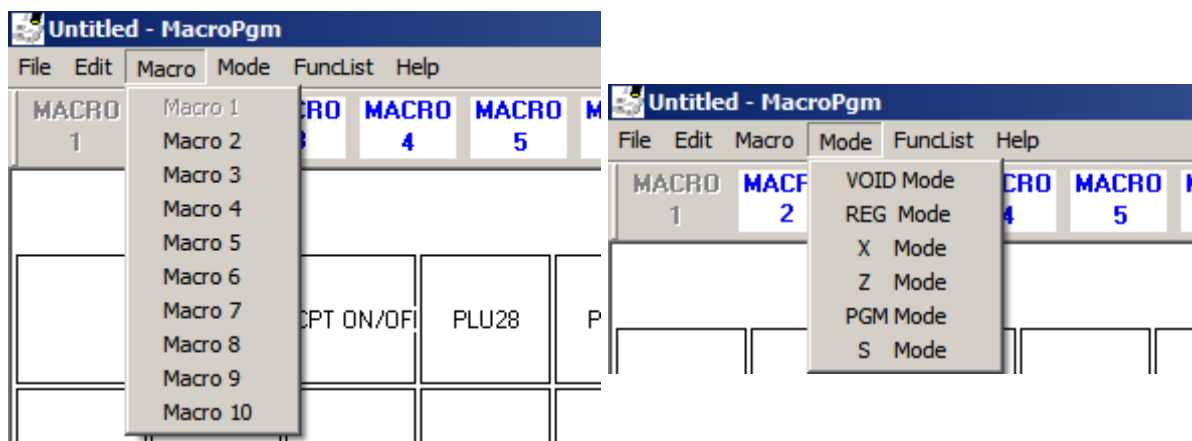
Click 'EditProgram → Macro', 'MacroPgm' main window will show like above.



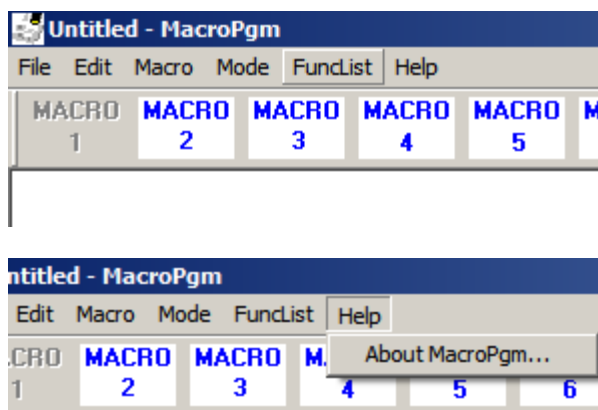
The closer look of the toolbar LHS (upper - above) and RHS (lower - above).



'File' (LHS above) and 'Edit' (RHS above) menus. 'Edit' function is for clearing the setting on the Macro key. 'Edit' menu is functioning as well as those **'CLEAR CURRENT'** and **'CLEAR ALL'** icons on the toolbar. **'Clear Current'** will clear whatever step is activated (in bold font); **'Clear All'** will clear the whole key sequence of the macro key is programming.

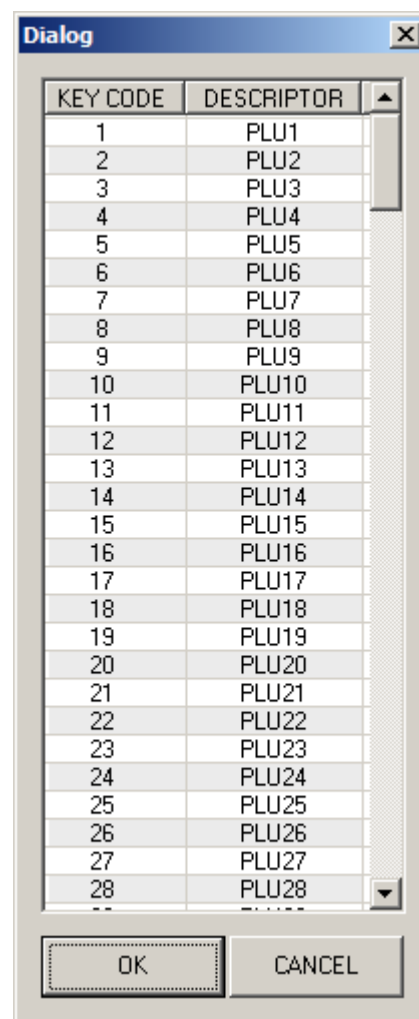


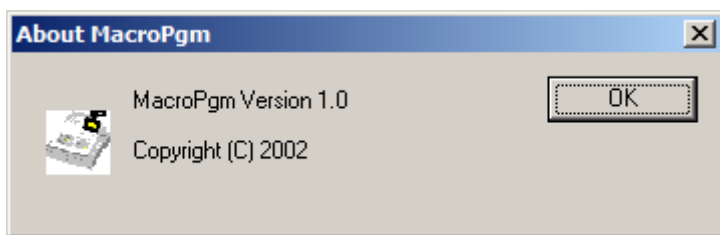
'Macro' (LHS above) and 'Mode' (RHS above) menus. 'Macro' menu is functioning as well as Macro 'Icons' on the toolbar for switching between different Macro keys. 'Mode' menu is the place where you select 'Mode' for the first step of Macro key sequence.



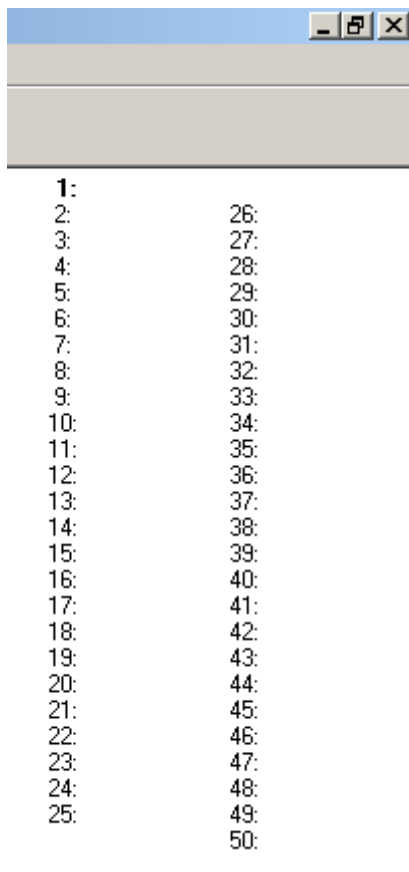
'FuncList'(upper above) and 'Help'(lower above) menus. When 'FuncList' is clicked, a **'Dialog'** window (right) will pop up and where you can select all of the function key (include all of PLU/NLU keys). Click on the key involved in the macro key sequence then the 'Dialog' window will close and back to 'MacroPgm' main window.

Note: 'FuncList' is not available when program Macro keys on the cash register directly.



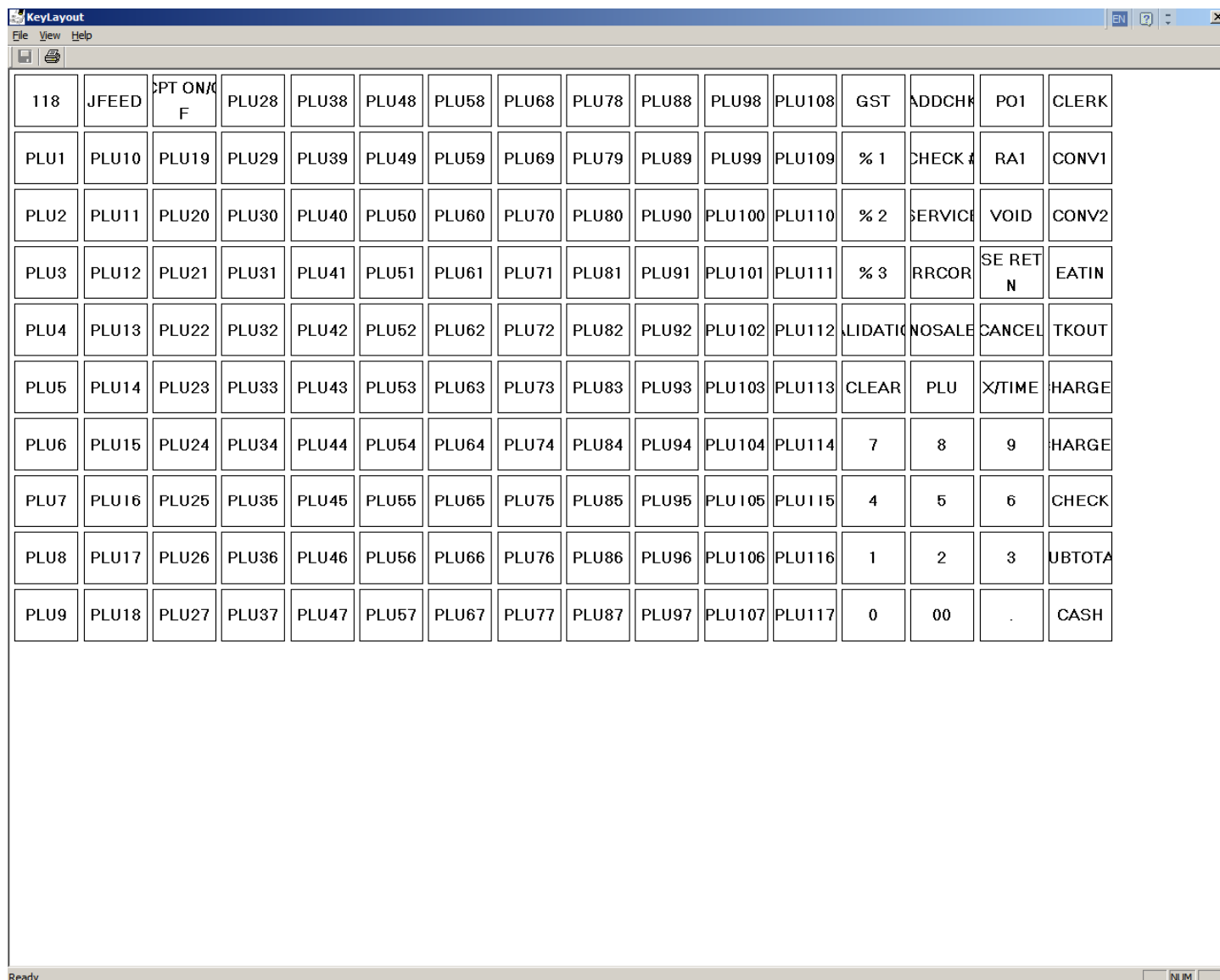


Click '**Help** → **About MacroPgm**', '**About MacroPgm**' window will show like above.

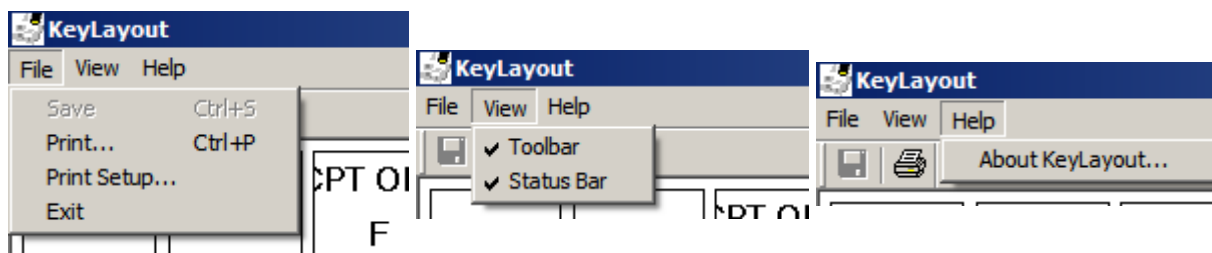


On the RHS of the 'MacroPgm' window is the area shows the key sequence of the Macro key is programming. Notice the step 1 is in **bold** style - indicate it is the 'current' step.

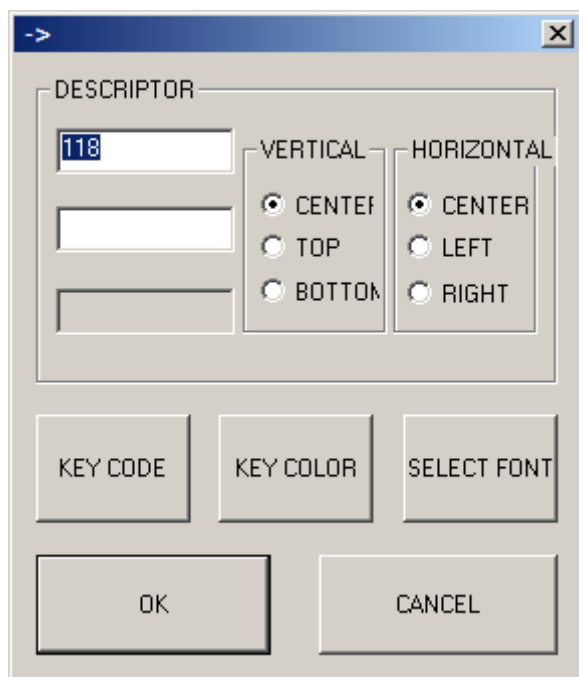
This section covers **Macro Key Sequence Programming** in the **Miscellaneous Programming** section on the **Operation and Program Manual**. Please refer to the manual for detail.
Program 1500 - Macro Key Sequence Programming



Click **'EditProgram → Scan Data'**, **'Select Program Data'** window will pop up like above. It is reflect to the keyboard layout on the machine.



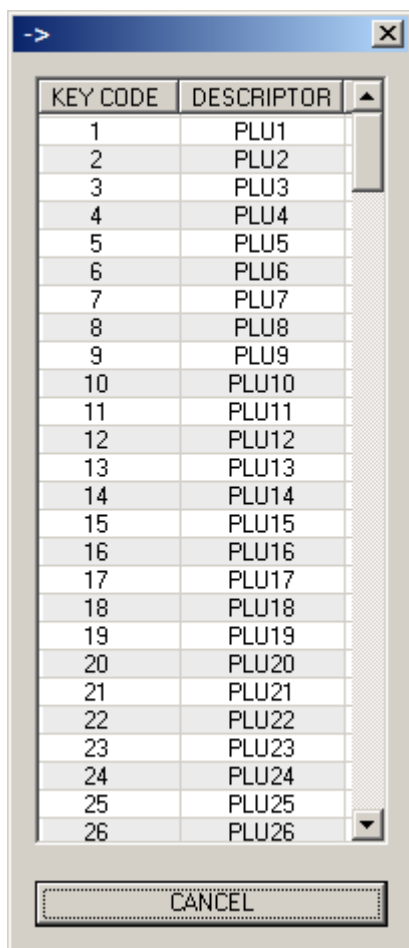
The **'File'** menu (LHS above) for basic save/print function, **'View'** (middle above) menu for program setting and **'Help'** menu (RHS above) to find out the program version.



Click any key location on the layout, '->' window will pop up like above.

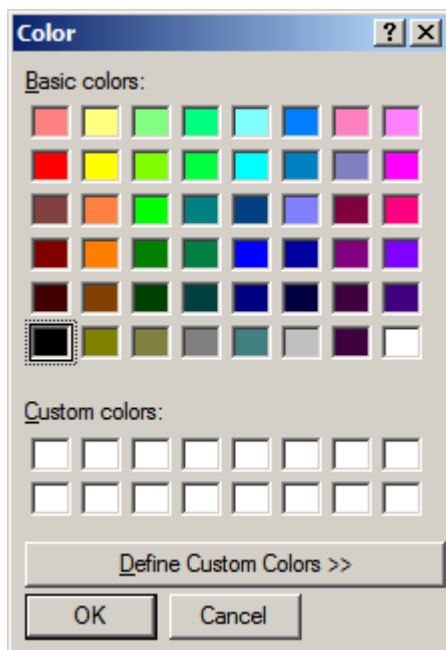
The '**DESCRIPTOR**' section allows to program the description and select the alignment method. A key can be programmed with up to 3 lines of descriptor with up to 10 characters in each line. When there is only 1 line descriptor, the 3rd line will grey out. Unless the 2nd line is being filled with any text. The Alignment method is preset '**CENTER**' for both '**VERTICAL**' and '**HORIZONTAL**'.

Click '**KEY CODE**' button to program the key location if another NLU/PLU key or function key is preferred; click '**KEY COLOR**' button to program the background color of the key location; or click '**SELECT FONT**' to program the descriptor.

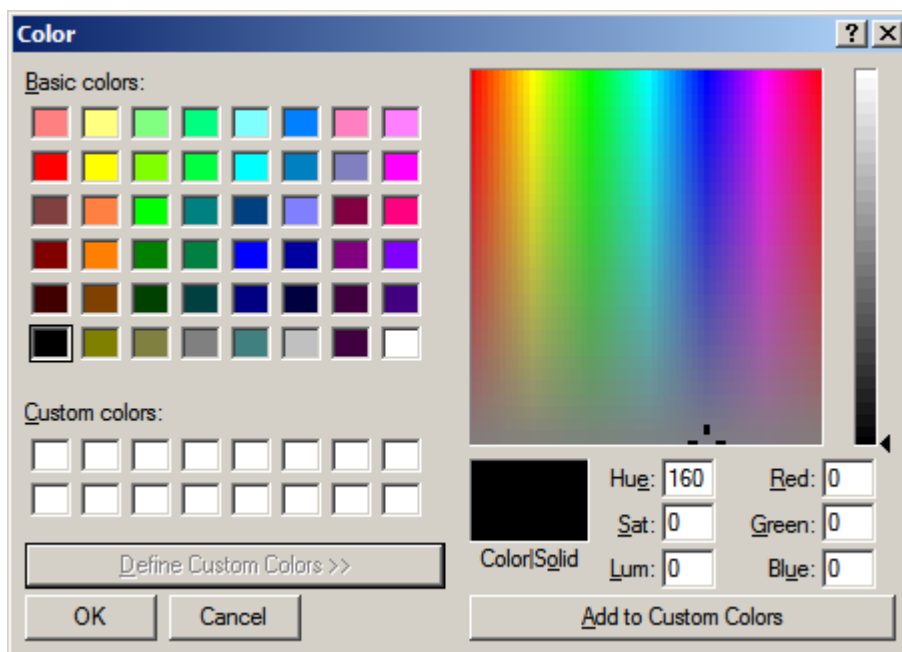


Click '**KEY CODE**', another '->' window (see left) will pop up for key selection include NLU/PLU keys and function keys. Scroll up and down for the key, click on that key and will close the current '->' window then back to previous '->' window.

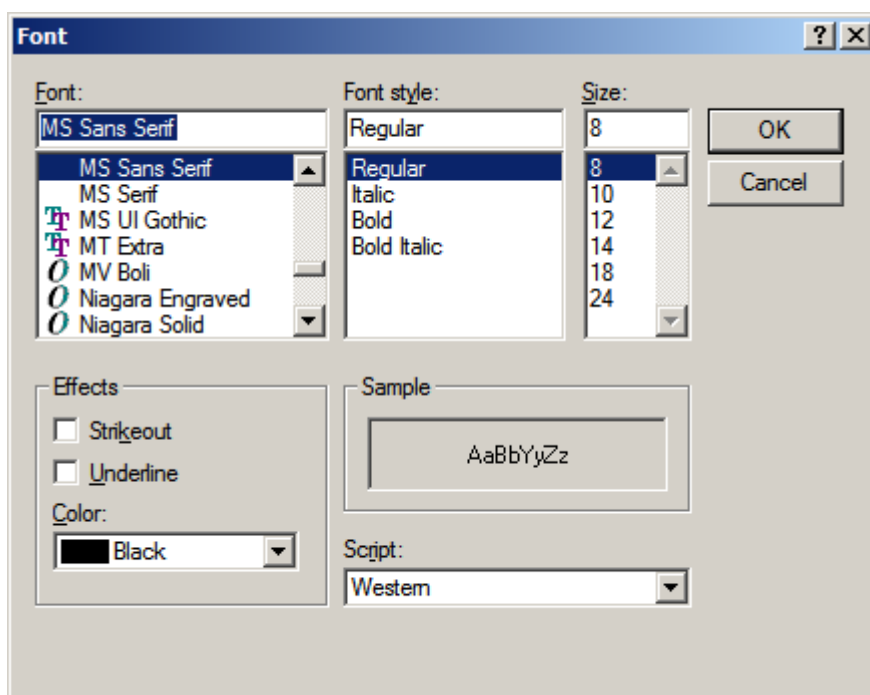
Part of this section covers **Function Key Assignment Programming** section in **Service Mode Programming** on the **Operation and Program Manual**. Please refer to the manual for detail.
Program 70 - Key Assignment Programming



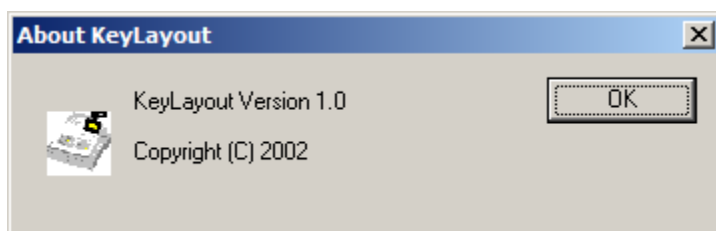
Click '**Color**' bottom, the '**Color**' window (see left) will pop up for color selection. Click on the color one '**Basic colors**' to choose, or click '**Define Customer Colors >>**' bottom to expand the window for custom color selection (see below).



Click '**Add Custom Colors**' after a preferred color is found, then select that custom color from the '**Custom colors**' panel.




Click '**SELECT FONT**' bottom, the '**Font**' window (see above) will pop up. Scroll up and down if need for '**Font**', '**Font style**', '**Size**', '**Effects**' (include fixed color selection) and rarely touched '**Script**'. A '**Sample**' area gives a instant view of result. Click '**OK**' to save change and exit the window.



The '**Help** → **About KeyLayout**' to see the version of the '**About KeyLayout**' program window (like left).

CommPort			
PORT 1			
BAUDRATE	9600	PARITY	NONE
DATA BITS	8 BIT	STOP BIT	1 BIT
SCALE TYPE	NCI	POLE DISPLAY TYPE	EPSON
DEVICE FUNCTION	PC	PRINTER TYPE	NONE
INITIAL FEEDING LINE (0-20)	0	ENDING FEEDING LINE (0-20)	7
INITIAL FEEDING LINE ON SLIP (0-20)	0	PRINT LINE ON GUEST CHECK (0-50)	0
EFT CONFIG BYTE	0	EFT CURRENCY	NONE
EFT PASSWORD	0	EFT TYPE	EFT GLED
SAVE		CANCEL	

Click '**EditProgram** → **Port**', '**CommPort**' window will show like above. Select port by click  then select from drop down list. Select the '**DEVICE FUNCTION**', then change the '**BAUDRATE**', '**PARITY**', '**DATA BITS**' and "**STOP BIT**" to suit the device (normally, this is the preset value and no need to change). For scale, then select the '**SCALE TYPE**', or '**POLE DISPLAY TYPE**' for pole display, **EFT** related options for EFTPOS unit, and rest **PRINTER** related options for Remote Journals or Remote Printers.

#	DESCRIPTOR
1	DISCOUNT 1
2	DISCOUNT 2
3	DISCOUNT 3
4	DISCOUNT 4
5	DISCOUNT 5
6	DISCOUNT 6
7	DISCOUNT 7
8	DISCOUNT 8
9	DISCOUNT 9
10	DISCOUNT 10
11	DISCOUNT 11
12	DISCOUNT 12
13	DISCOUNT 13
14	DISCOUNT 14
15	DISCOUNT 15
16	DISCOUNT 16
17	DISCOUNT 17
18	DISCOUNT 18
19	DISCOUNT 19
20	DISCOUNT 20

DISCOUNT 1

DESCRIPTOR DISCOUNT 1

TRIP LEVEL 0

PRICE 0.00

OK Cancel

Click '**EditProgram** → **Mix & Match**', '**MIX&MATCH**' window will show like above. In this program, click the '**DISCOUNT**' is going to be programmed on the LHS '**Mix & Match/Discount**' list. The DISCOUNT's data will appear on the RHS fields. After all 'Mix & Match/Discount' are modified, click '**OK**' bottom to exit the program.

This section covers **Mix & Match Programming** section on the **Operation and Program Manual**. Please refer to the manual for detail.

Program 600 - Trip Level Programming

Program 601 - Price Programming

Program 610 – Mix & Match Description Programming

Etc

TARE WEIGHT

0.000

0.000

0.000

0.000

0.000

DRAWER LIMIT 0.00

CHECK CHANGE LIMIT 0.00

MACHINE NUMBER 0

SAVE CANCEL

Click '**EditProgram** → **Etc.(Tare, ...)**', '**Etc**' window will pop up like above. Enter the figures in to the fields refer to the detail on the manual. Click '**SAVE**' to exit the program.

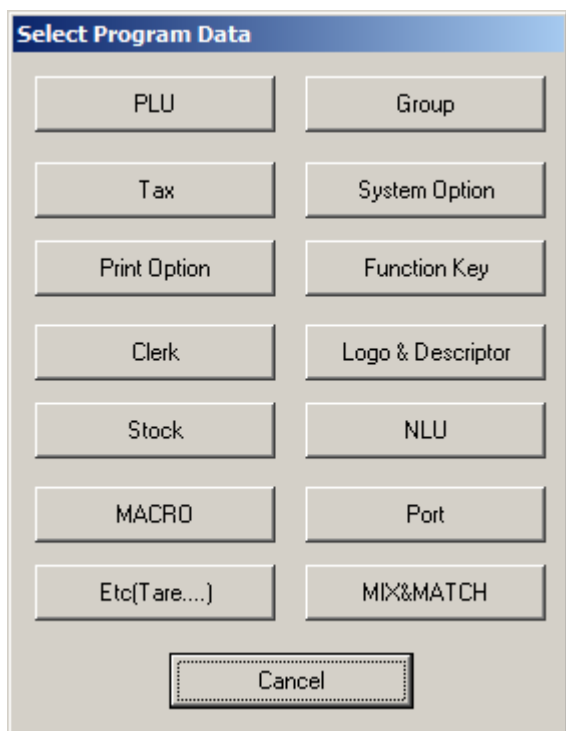
This section covers **Miscellaneous Programming** section on the **Operation and Program Manual**. Please refer to the manual for detail.

Program 1100 - Cash-In-Drawer Limit Programming

Program 1200 - Check Change Limit Programming

Program 1400 - Scale Tare Weight Programming

Program 1600 - Machine Number Programming



Click 'EditProgram → Scan Data', 'Select Program Data' window will pop up like above. Click 'PLU' bottom, the 'PgmData' windows will come up like below. (Here is using 'PLU PGM' as example.)

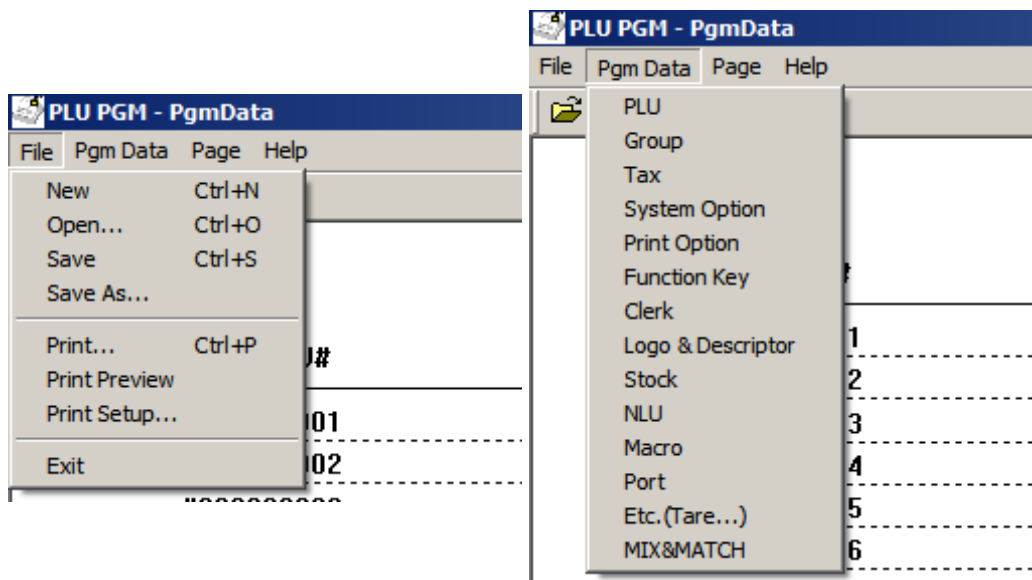
PLU PGM - PgmData

File Pgm Data Page Help

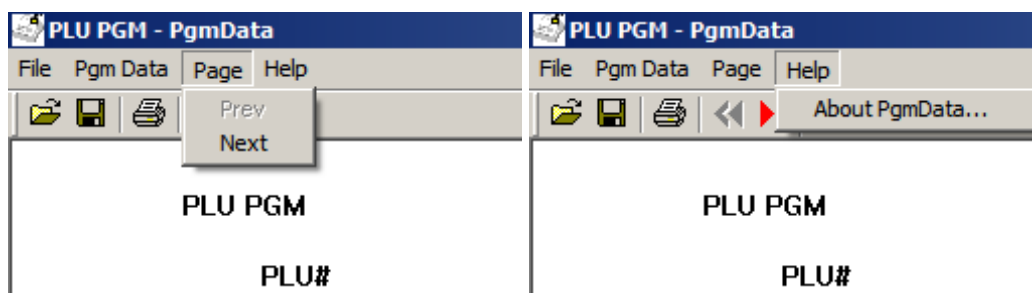
PLU PGM

PLU#	DESCRIPTOR	PRICE1	PRICE2	GROUP	TAX
#000000001	Std single Gen	80.00	0.00	1 0 0	1
#000000002	Dlx Single Gen	95.00	0.00	1 0 0	1
#000000003	Std Single Gen	95.00	0.00	1 0 0	1
#000000004	Queen Dlx Dble gen	110.00	0.00	1 0 0	1
#000000005	Dlx Spa Dbl Gen	125.00	0.00	1 0 0	1
#000000006	Pacific Gen	140.00	0.00	1 0 0	1
#000000007	Std twin Gen	100.00	0.00	1 0 0	1
#000000008	Std queen Gen	115.00	0.00	1 0 0	1
#000000009	Std Spa Gen	130.00	0.00	1 0 0	1
#000000010	Extra Person	20.00	0.00	1 0 0	1
#000000011	Fold Away	10.00	0.00	1 0 0	1
#000000012	Baby Cot Linen	10.00	0.00	1 0 0	1
#000000013	Std Dinner Pkg	165.00	0.00	1 0 0	1
#000000014	Queen Dlx Pkg	180.00	0.00	1 0 0	1
#000000015	Spa Dlx Pkg	195.00	0.00	1 0 0	1
#000000016	Pacific Pkg	210.00	0.00	1 0 0	1
#000000017	Holiday Pkg Accom	452.50	0.00	2 0 0	1
#000000018	Holiday Pkg food	150.00	0.00	2 0 0	1
#000000019	Holiday Magic Singl	150.00	0.00	2 0 0	1
#000000020	Conf Room full	120.00	0.00	3 0 0	1
#000000021	Conf Room half	99.00	0.00	1 0 0	1
#000000022	Conf Grp Single	77.00	0.00	1 0 0	1
#000000023	Conf Grp Sgl Queen	88.00	0.00	1 0 0	1
#000000024	Conf Grp Dble	88.00	0.00	1 0 0	1
#000000025	Conf Grp Dbl Queen	99.00	0.00	1 0 0	1
#000000026	Conf Grp Triple	99.00	0.00	1 0 0	1
#000000027	Conf Grp Tri Queen	111.00	0.00	1 0 0	1
#000000028	Conf Grp x 4	111.00	0.00	1 0 0	1
#000000029	Conf all day Bvg	6.00	0.00	3 0 0	1
#000000030	Conf Tea /Coffee	3.00	0.00	3 0 0	1
#000000031	Conf Morning Tea	7.00	0.00	3 0 0	1
#000000032	Conf Cont Brekky	9.00	0.00	3 0 0	1
#000000033	Conf full Brekky	17.00	0.00	3 0 0	1
#000000034	Conf Mix SW/Quiche	12.00	0.00	3 0 0	1
#000000035	Conf Mini Pizza	15.00	0.00	3 0 0	1
#000000036	Conf Pastery/salad	5.00	0.00	3 0 0	1
#000000037	Conf Platter	25.00	0.00	3 0 0	1
#000000038	Bread Rolls	0.50	0.00	3 0 0	1
#000000039	Tea Coffee Arrival	1.50	0.00	3 0 0	1
#000000040	Budget BBQ	12.00	0.00	3 0 0	1

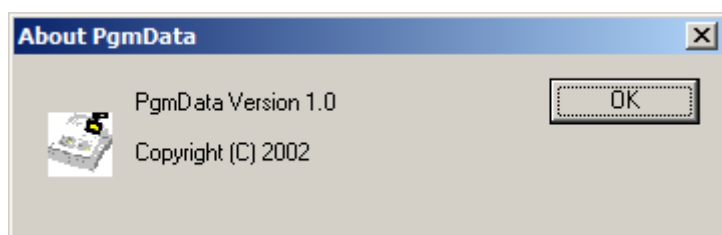
Ready NUM



The '**File**' menu (LHS above) for basic file open/save and print functions and '**Pgm Data**' menu (RHS above) for program selection.



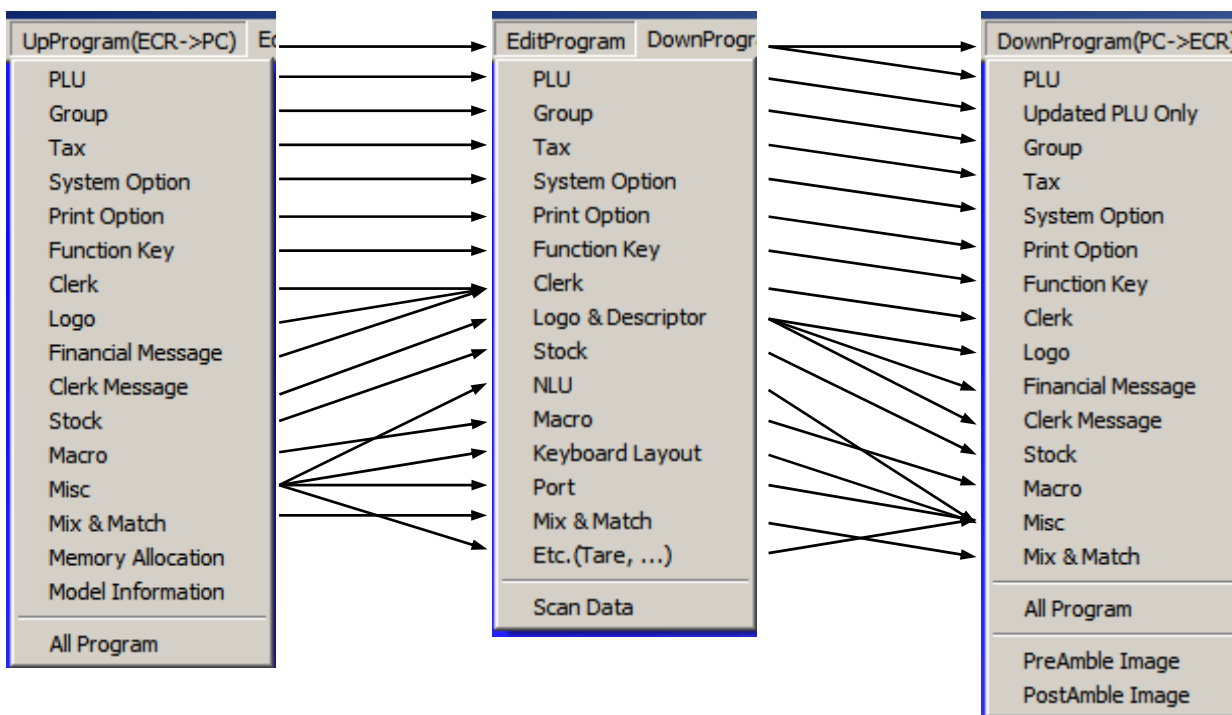
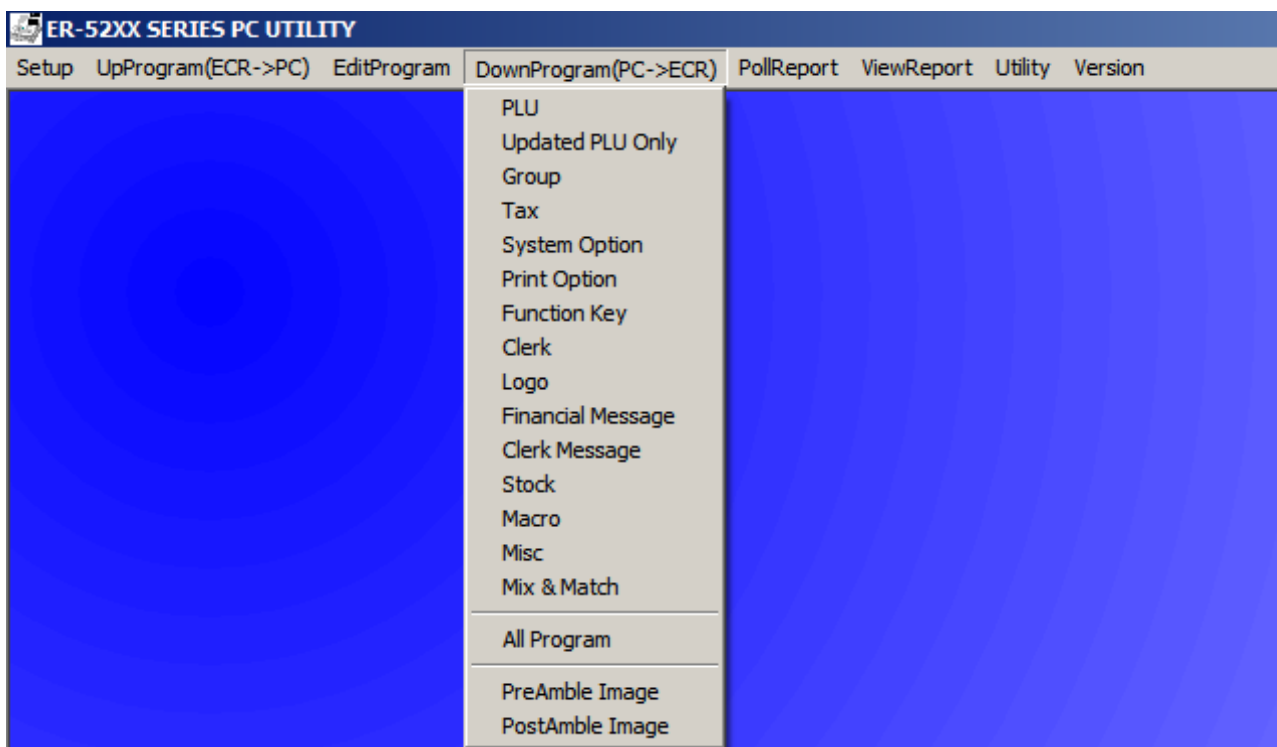
The '**Page**' menu (LHS above) for Prev/Next page change and '**Help**' menu (RHS above) for '**PgmData**' version check.



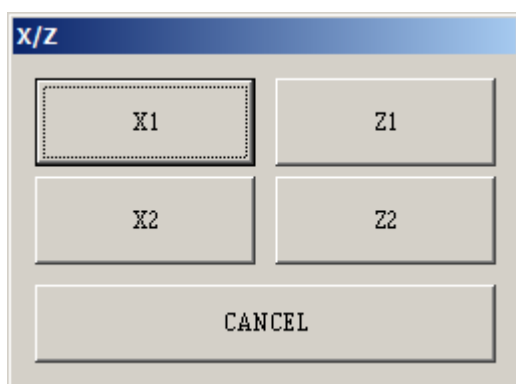
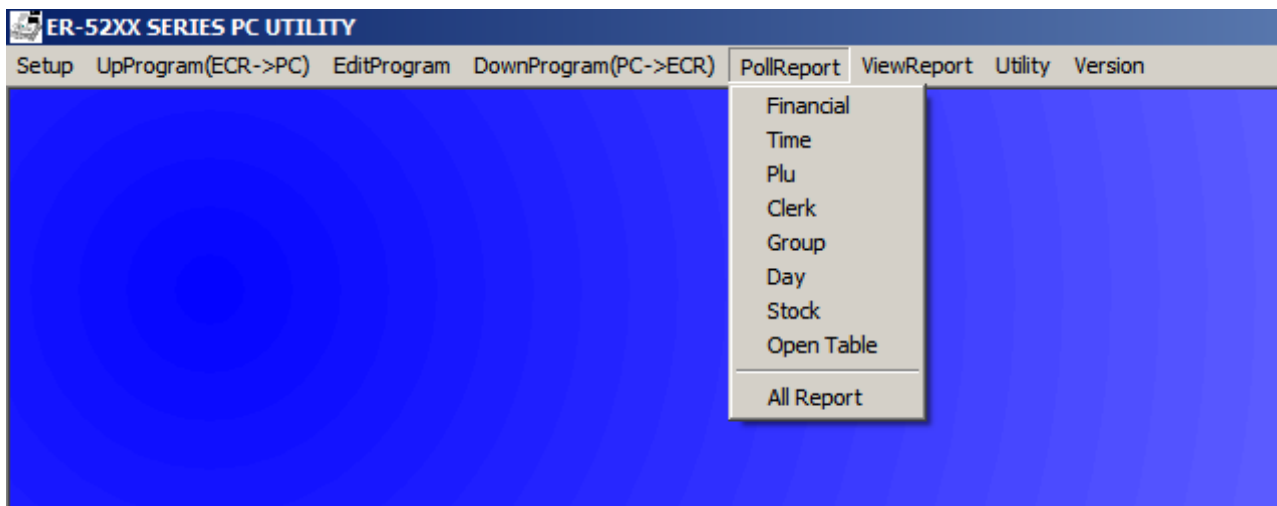
The '**About PgmData**' window (like above) for version information if needed.

This section covers **Program Scans** section on the **Operation and Program Manual**. Please refer to the manual for detail.
Program 15 - Program Scans

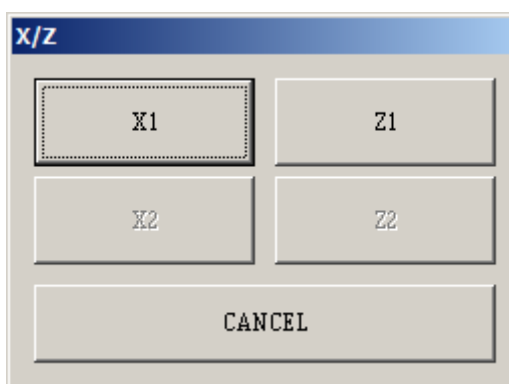
7. The '**DownProgram(PC->ECR)**' manual provides individual and all program download as well as image logo download of '**PreAmble Image**' and '**PostAmble Image**'.



8. The **'PollReport'** manual provides individual and all reports pooling.

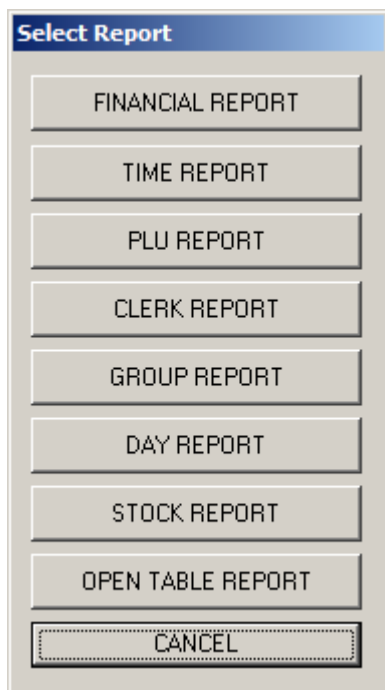
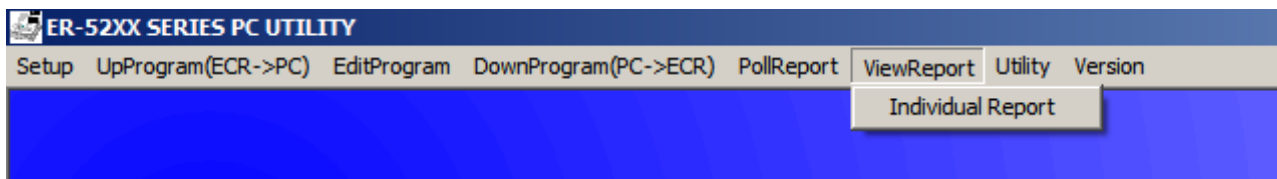


or

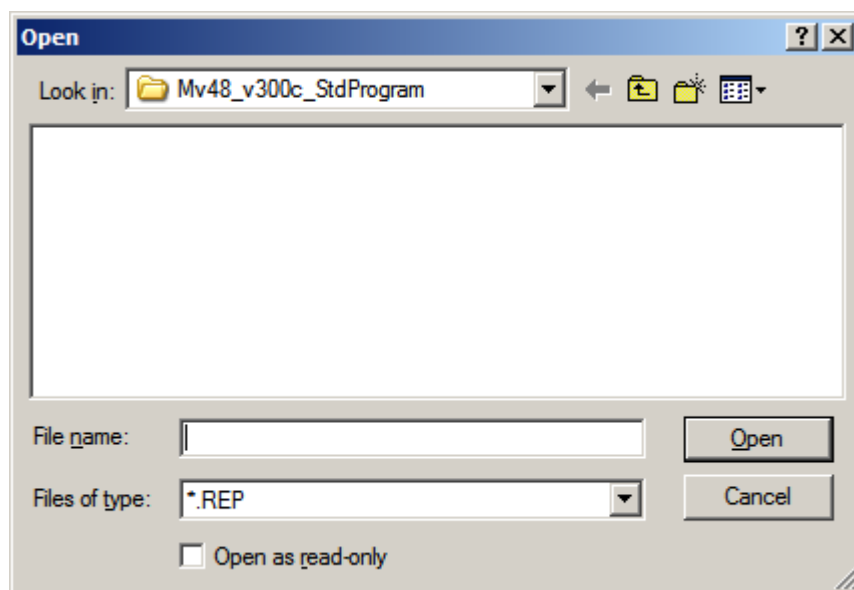


Click **'PollReport'** then select either one of the individual report or **'All Report'**, one of the windows above will pop up for the level of the report to choose from.

9. The **'PollReport'** manual provides individual and all reports pooling.



Click **'ViewReport → Individual Report'**, the **'Select Report'** window on the left will pop up for report select. Click on one of the report type, the **'Open'** window will pop up for report select like below.



The report file name, for example:

FIN220090514110258.REP

< 3 characters report name > + < 1 digit report level > + < report date > + < report time >.REP

Report Name:

FIN → Financial Report

TIM → Time Report

PLU → PLU Report

CLK → Clerk Report

GRP → Group Report

Day → Day Report

STK → Stock Report

TBL → Open Table Report

Report Level:

0 → X1 Report

1 → X2 Report

2 → Z1 Report

3 → Z2 Report

'Stock Report' and **'Open Table Report'** have X1 and Z1 level only.

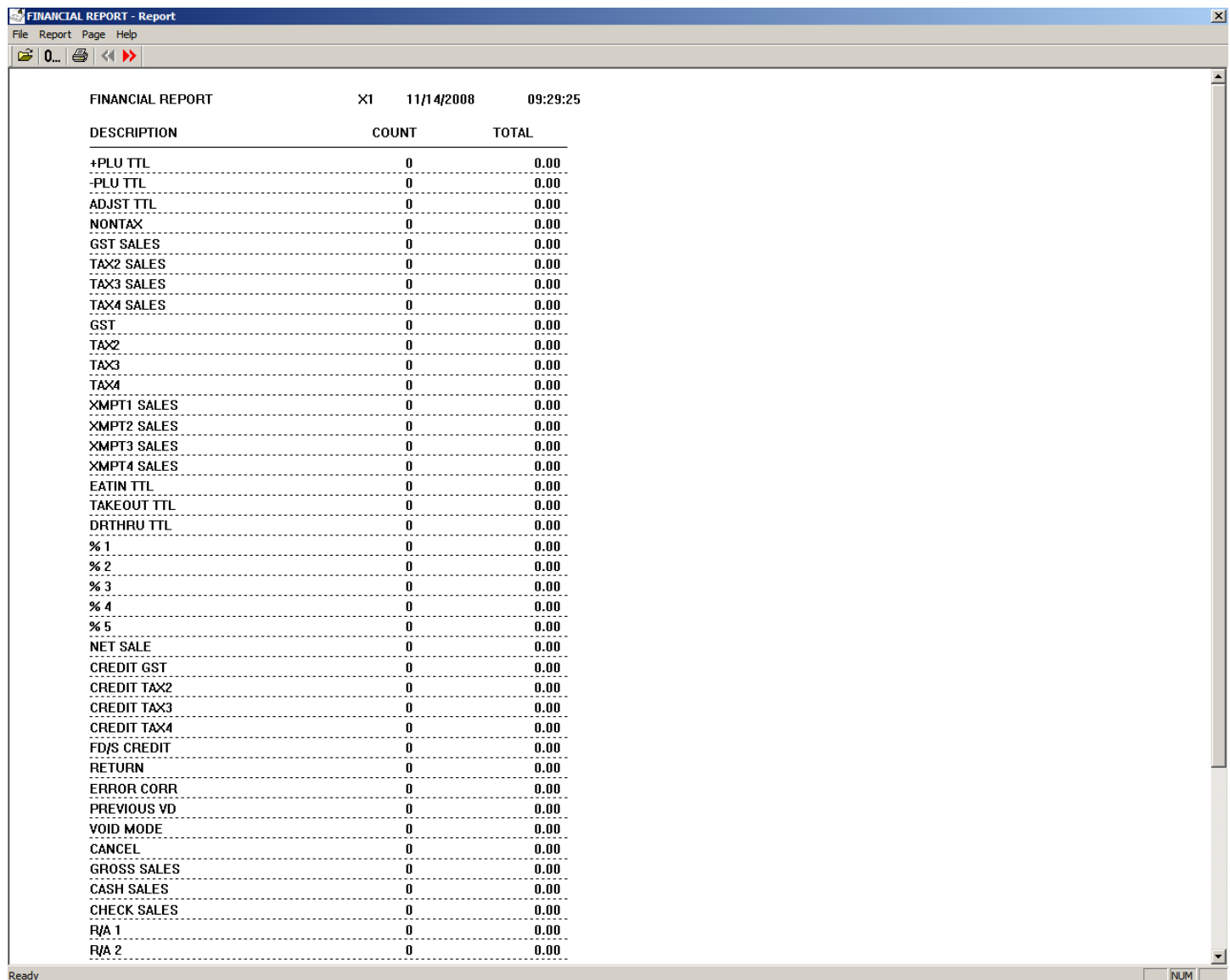
Date Format:

YYYYMMDD

Time Format:

HHMMSS

After click **'Open'**, the **'Report'** window will pop up. Here use the financial report as an example.



FINANCIAL REPORT - Report

File Report Page Help

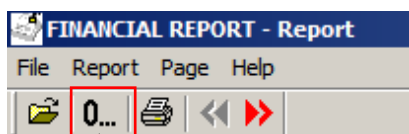
0... << >>

FINANCIAL REPORT X1 11/14/2008 09:29:25

DESCRIPTION	COUNT	TOTAL
+PLU TTL	0	0.00
-PLU TTL	0	0.00
ADJST TTL	0	0.00
NONTAX	0	0.00
GST SALES	0	0.00
TAX2 SALES	0	0.00
TAX3 SALES	0	0.00
TAX4 SALES	0	0.00
GST	0	0.00
TAX2	0	0.00
TAX3	0	0.00
TAX4	0	0.00
XMPT1 SALES	0	0.00
XMPT2 SALES	0	0.00
XMPT3 SALES	0	0.00
XMPT4 SALES	0	0.00
EATIN TTL	0	0.00
TAKEOUT TTL	0	0.00
DRTHRU TTL	0	0.00
% 1	0	0.00
% 2	0	0.00
% 3	0	0.00
% 4	0	0.00
% 5	0	0.00
NET SALE	0	0.00
CREDIT GST	0	0.00
CREDIT TAX2	0	0.00
CREDIT TAX3	0	0.00
CREDIT TAX4	0	0.00
FD/S CREDIT	0	0.00
RETURN	0	0.00
ERROR CORR	0	0.00
PREVIOUS VD	0	0.00
VOID MODE	0	0.00
CANCEL	0	0.00
GROSS SALES	0	0.00
CASH SALES	0	0.00
CHECK SALES	0	0.00
R/A 1	0	0.00
R/A 2	0	0.00

Ready NUM

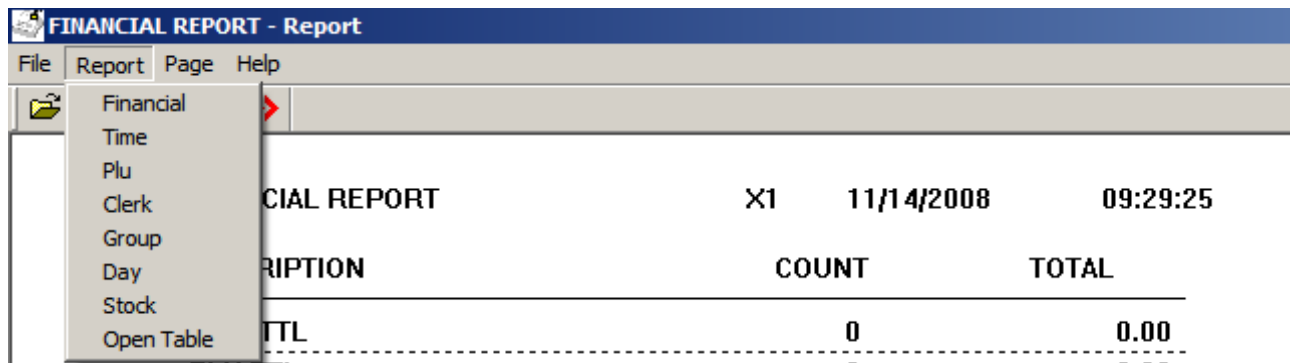
The total view of report window.



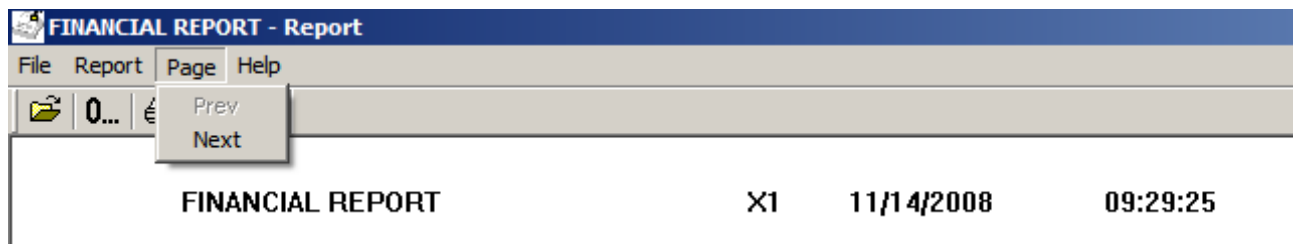
Skip zero dollar amount items



'File' menu of 'Report'.



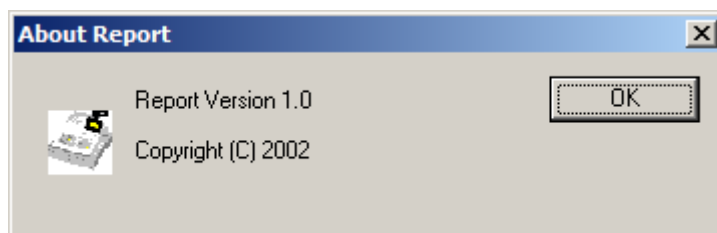
'Report' menu of 'Report'. Allows to select from different report.



'Page' menu of 'Report'. Allows to go to Next/Prev page.

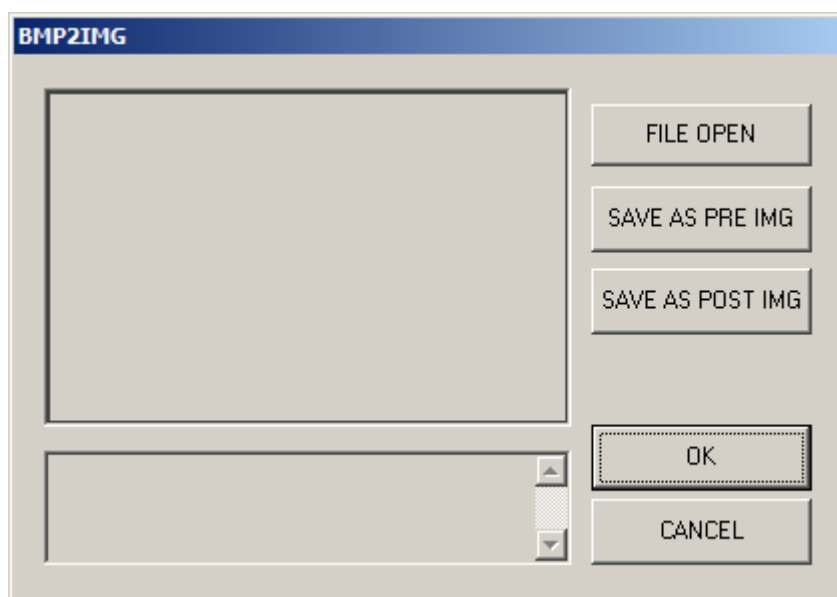
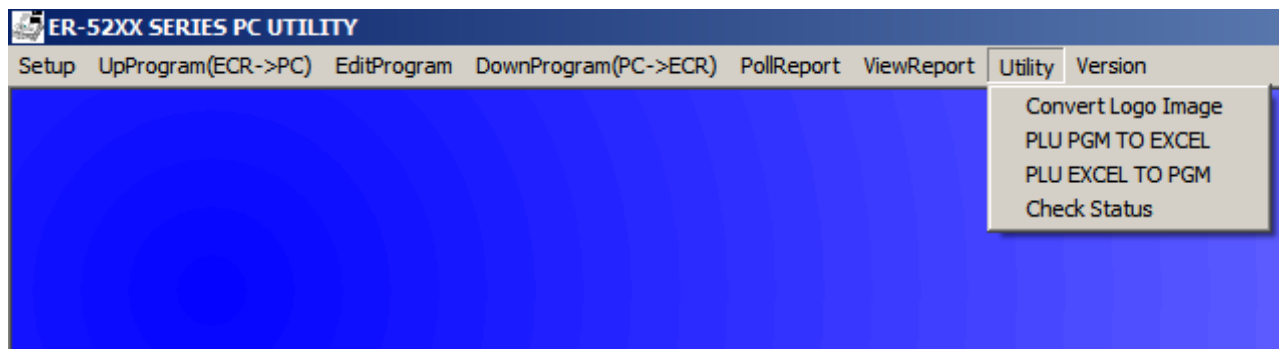


'Help' menu of 'Report'. Allows to check the Version of this software.

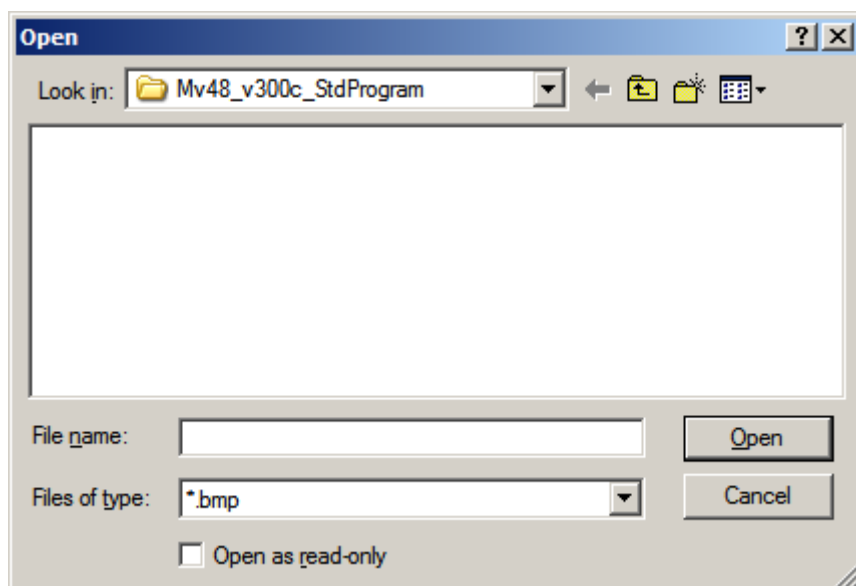


This section covers **X/Z Mode - Report** section on the **Operation and Program Manual**. Please refer to the manual for detail.

10. The **'Utility'** manual provides additional functions to make Sam4S ER-52xx series cash register more attractive and earlier to transfer PLU data. With the ability to check the communication between PC and cash register.



Click **'Utility' → Convert Logo Image'**, the **'BMP2IMG'** window will pop up like above. This allows importing monochrome (black & white) Bitmap format images for preamble and/or postamble logo image to print on the Receipt and/or GuestCheck, with or without your text logo descriptors. Click **'FILE OPEN'** bottom, the **'Open'** window will pop up for file searching.



Click **'Open'** bottom after the file is found to load the '*.bmp' file.



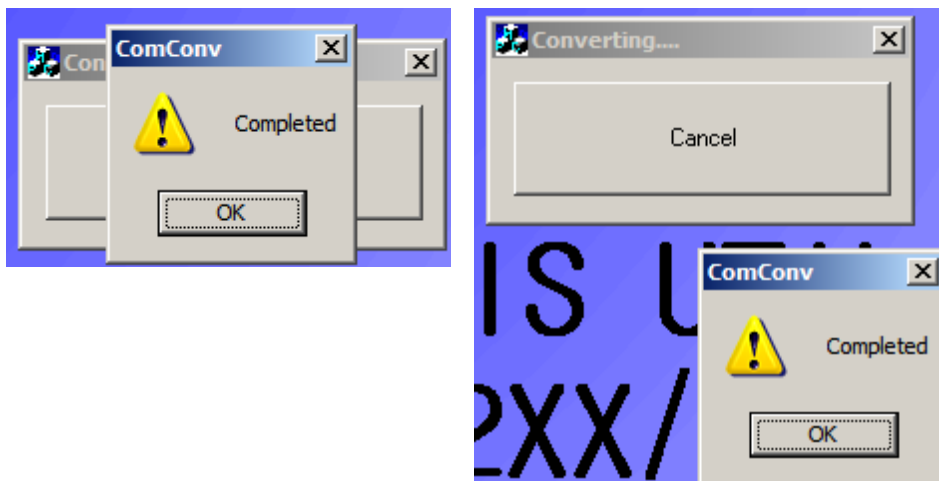
The image will appear on the 'BMP2IMG' window like above. Click '**SAVE AS PRE IMG**' bottom to save as '**UserPre.Img**' or '**SAVE AS POST IMG**' bottom to save as '**UserPost.Img**'. Click '**OK**' to exit the 'BMP2IMG' window.



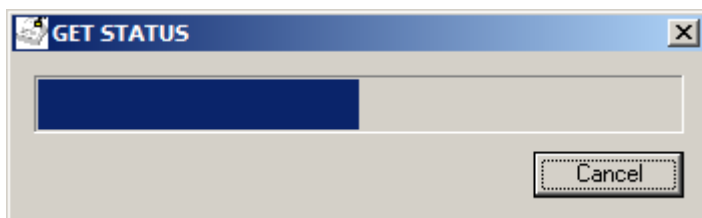
The error message will appear like above when the Bitmap format file size is not correct. Please check the *.bmp file.

to "download of '**PreAmble Image**' and '**PostAmble Image**'" on page 28.

Then refer Note: For how to prepare a monochrome (black & white) Bitmap format images, please make an inquiry then referring to '**Graphic logo Settings .pdf**' file.

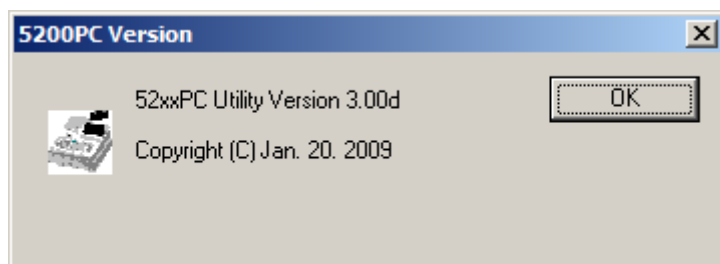
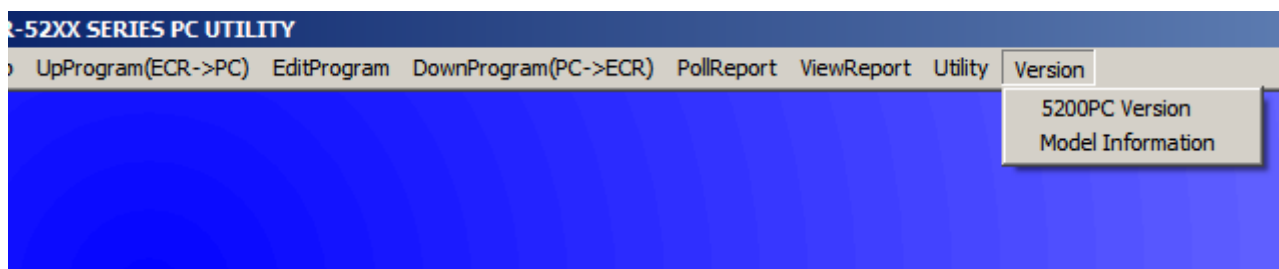


Click '**Utility** → **PLU PGM TO EXCEL**' and '**Utility** → **PLU EXCEL TO PGM**' the windows like above will appear and automatically finish. A excel format file named '**PLU.csv**' will create in the specific customer folder and can be edit and modified then convert back for ECR use.

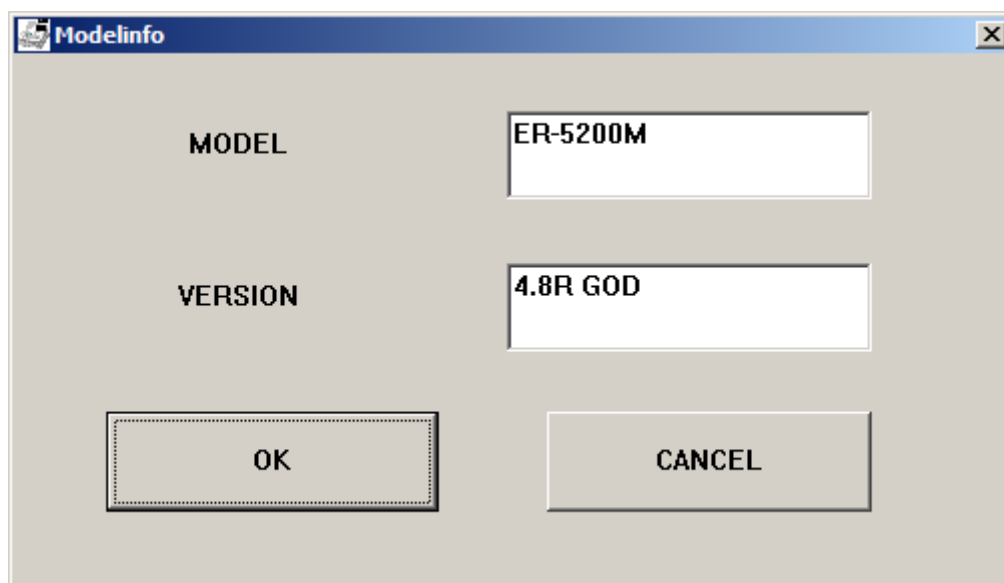


Click '**Utility** → **Check Status**', the '**GET STATUS**' window will pop up like above. This function provide the ability to check the communication between PC and cash register on the connect cable.

11. In '**Version**' manual, there are two functions to find version information of PC Utility, machine model and EPROM version on the machine.



Click '**Version** → **5200PC Version**', '**5200PC Version**' window will pop up like above. This information is essential when an inquiry is going to be raised.



Click '**Version** → **Model Information**', '**Modelinfo**' window will pop up like above. Due to ER-52xx series has 6 different models and there are slightly differences between them. With this '**52XXNEWPC300d**' PC Utility is working with all of 6 models, this information tells what the machine model and EPROM version is.